

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000762.D
 Acq On : 21 Nov 2019 12:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 03:11:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	346270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	604829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	530085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	245539	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	185647	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
35) Dibromofluoromethane	7.73	113	181777	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
50) Toluene-d8	10.18	98	743590	55.19	ug/l	0.00
Spiked Amount			Recovery	=	110.38%	
62) 4-Bromofluorobenzene	12.48	95	259742	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	155577	45.642	ug/l	100
3) Chloromethane	2.12	50	190485	40.566	ug/l	100
4) Vinyl Chloride	2.25	62	191607	43.942	ug/l	100
5) Bromomethane	2.65	94	118995	45.508	ug/l	90
6) Chloroethane	2.79	64	120897	44.300	ug/l	98
7) Trichlorofluoromethane	3.13	101	296570	50.362	ug/l	94
8) Diethyl Ether	3.53	74	116163	55.516	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	191321	53.740	ug/l	94
10) Methyl Iodide	4.09	142	226212	48.384	ug/l	97
11) Tert butyl alcohol	4.96	59	89323	256.068	ug/l	99
12) 1,1-Dichloroethene	3.88	96	185004	53.487	ug/l	99
13) Acrolein	3.73	56	79161	260.530	ug/l	99
14) Allyl chloride	4.48	41	310939	55.285	ug/l	93
15) Acrylonitrile	5.17	53	300972	280.791	ug/l	98
16) Acetone	3.95	43	270179	273.561	ug/l	91
17) Carbon Disulfide	4.19	76	549581	50.377	ug/l	100
18) Methyl Acetate	4.49	43	164799	53.665	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	523270	54.411	ug/l	97
20) Methylene Chloride	4.72	84	213218	50.383	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	207795	53.140	ug/l	98
22) Diisopropyl ether	6.13	45	641986	52.516	ug/l	92
23) Vinyl Acetate	6.07	43	1992146	258.155	ug/l	96
24) 1,1-Dichloroethane	6.02	63	362968	54.807	ug/l	99
25) 2-Butanone	7.00	43	410233	260.266	ug/l	98
26) 2,2-Dichloropropane	6.99	77	309148	51.080	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	238585	55.799	ug/l	95
28) Bromochloromethane	7.34	49	168866	55.426	ug/l	100
29) Tetrahydrofuran	7.35	42	246943	256.095	ug/l	95
30) Chloroform	7.52	83	357218	53.320	ug/l	99
31) Cyclohexane	7.78	56	355167	51.203	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	303711	50.866	ug/l	98
36) 1,1-Dichloropropene	7.92	75	284701	49.792	ug/l	99
37) Ethyl Acetate	7.08	43	160733	47.349	ug/l #	93
38) Carbon Tetrachloride	7.91	117	263197	47.839	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	374098	50.643	ug/l	97
40) Benzene	8.16	78	855963	51.062	ug/l	99
41) Methacrylonitrile	7.35	41	215160	113.616	ug/l #	7
42) 1,2-Dichloroethane	8.24	62	217778	45.805	ug/l	96
43) Isopropyl Acetate	8.28	43	312139	48.949	ug/l	98
44) Trichloroethene	8.94	130	222196	50.273	ug/l	98
45) 1,2-Dichloropropane	9.22	63	214912	52.091	ug/l	94
46) Dibromomethane	9.31	93	112317	49.501	ug/l	97
47) Bromodichloromethane	9.50	83	270704	50.281	ug/l	98
48) Methyl methacrylate	9.30	41	135090	48.485	ug/l	92
49) 1,4-Dioxane	9.30	88	33059	1082.580	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	810072	238.929	ug/l	93
52) Toluene	10.24	92	521567	49.213	ug/l	96
53) t-1,3-Dichloropropene	10.46	75	299398	52.045	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	345179	52.377	ug/l	93
55) 1,1,2-Trichloroethane	10.64	97	167809	51.133	ug/l	98
56) Ethyl methacrylate	10.51	69	249086	53.550	ug/l	91
57) 1,3-Dichloropropane	10.79	76	295543	51.453	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	574648	273.269	ug/l	99
59) 2-Hexanone	10.83	43	592506	239.857	ug/l	91
60) Dibromochloromethane	10.99	129	184980	49.209	ug/l	99
61) 1,2-Dibromoethane	11.09	107	161705	51.246	ug/l	99
64) Tetrachloroethene	10.72	164	226621	51.703	ug/l	97
65) Chlorobenzene	11.51	112	551095	51.277	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	193488	51.910	ug/l	98
67) Ethyl Benzene	11.59	91	1019777	51.556	ug/l	98
68) m/p-Xylenes	11.70	106	760311	99.314	ug/l	95
69) o-Xylene	12.03	106	364244	50.625	ug/l	97
70) Styrene	12.04	104	629071	51.059	ug/l	98
71) Bromoform	12.20	173	109903	51.264	ug/l #	98
73) Isopropylbenzene	12.33	105	980225	54.015	ug/l	100
74) N-amyl acetate	12.14	43	264258	50.845	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	194819	54.219	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	270727	96.834	ug/l #	100
77) Bromobenzene	12.61	156	213697	51.928	ug/l	95
78) n-propylbenzene	12.67	91	1200451	54.825	ug/l	100
79) 2-Chlorotoluene	12.75	91	653652	53.773	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	815803	53.977	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	75291	60.381	ug/l	90
82) 4-Chlorotoluene	12.85	91	685554	54.407	ug/l	98
83) tert-Butylbenzene	13.07	119	699140	54.177	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	837484	55.653	ug/l	99
85) sec-Butylbenzene	13.25	105	1007119	54.777	ug/l	100
86) p-Isopropyltoluene	13.37	119	872751	53.261	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	417911	51.847	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	414935	51.515	ug/l	100
89) n-Butylbenzene	13.69	91	885454	54.787	ug/l	99
90) Hexachloroethane	13.95	117	163717	54.044	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	378958	51.817	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32845	51.650	ug/l	97

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Quant Title : SW846 8260
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Response via : Initial Calibration

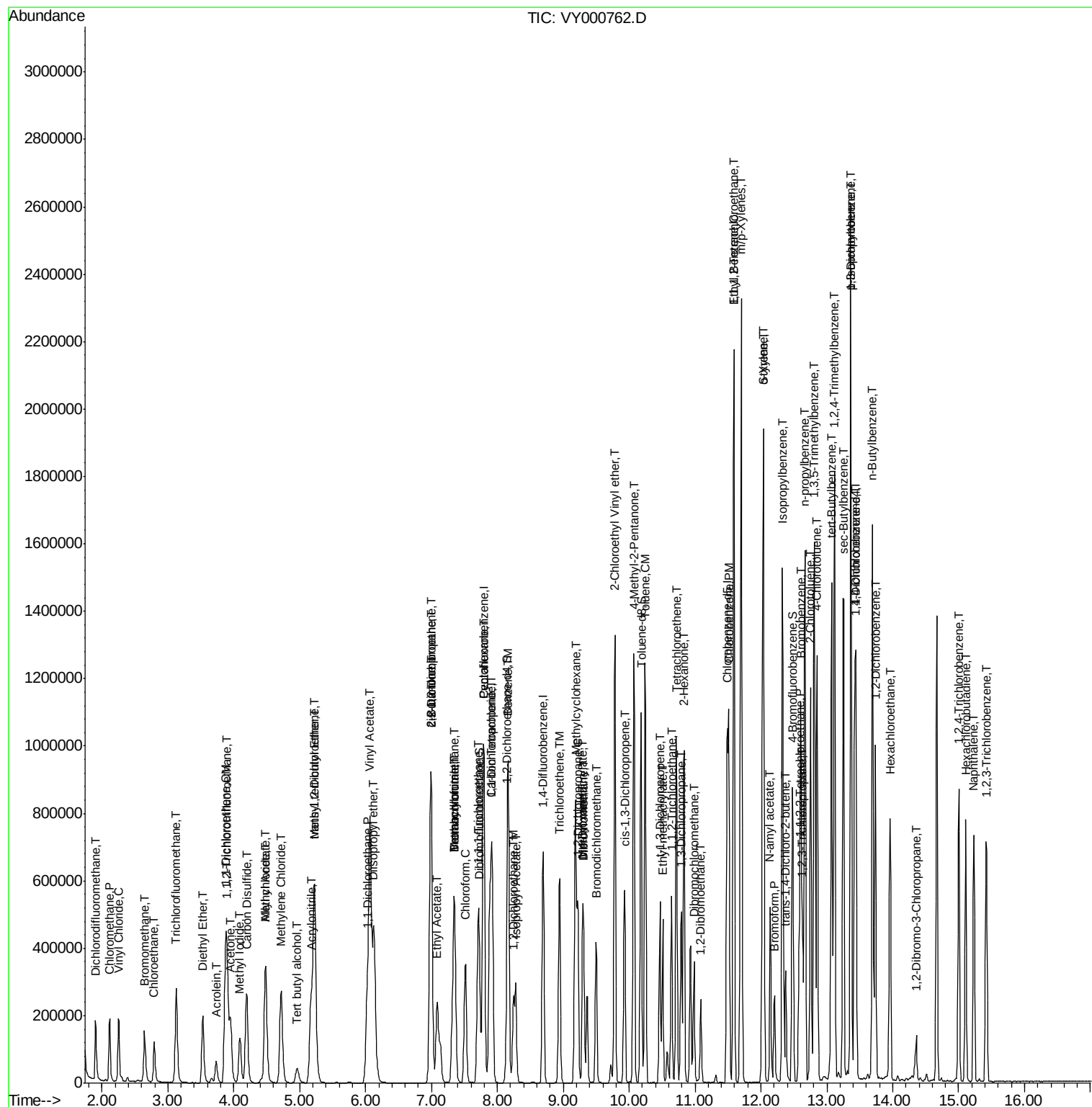
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	261828	52.580	ug/l	98
94) Hexachlorobutadiene	15.11	225	126563	49.306	ug/l	99
95) Naphthalene	15.23	128	604162	54.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	230091	51.503	ug/l	98

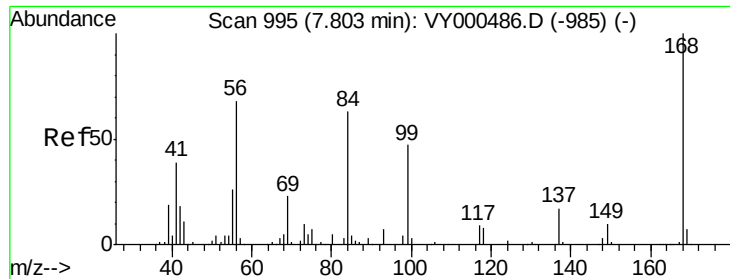
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

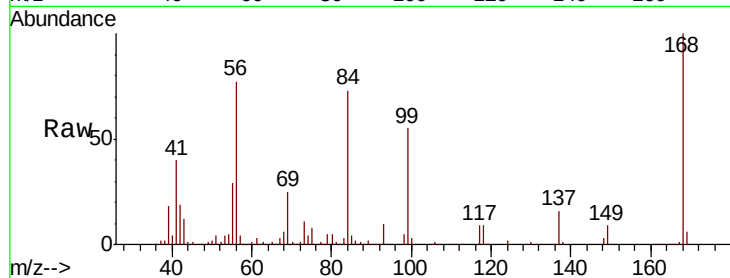
ClientSampleId :

Tot Ion:168 Resp: 346270

Ion Ratio Lower Upper

168 100

99 55.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

150000

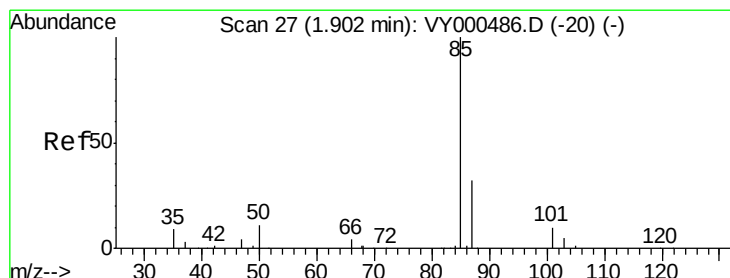
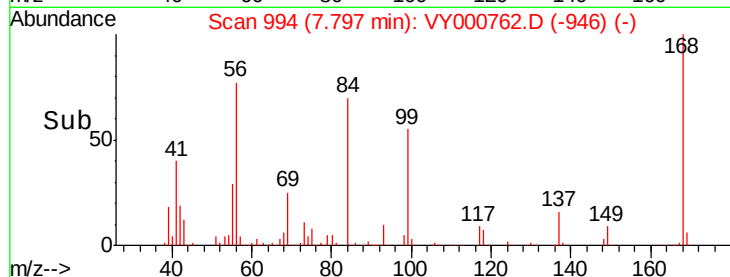
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.642 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000762.D

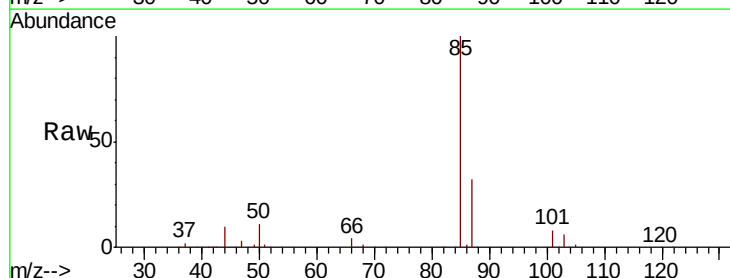
Acq: 21 Nov 2019 12:40

Tgt Ion: 85 Resp: 155577

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

120000

100000

80000

60000

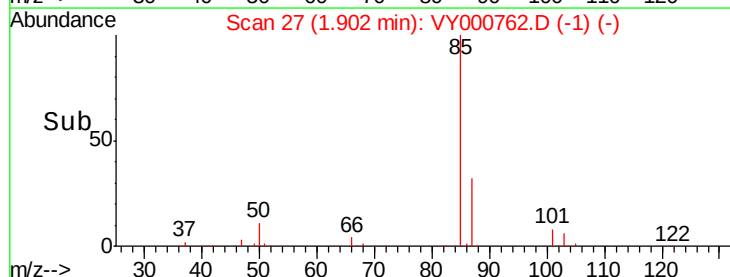
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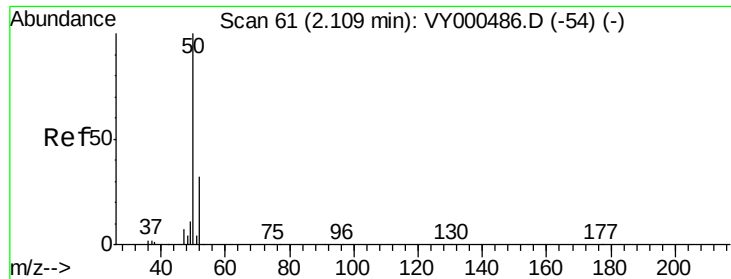
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 40.566 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

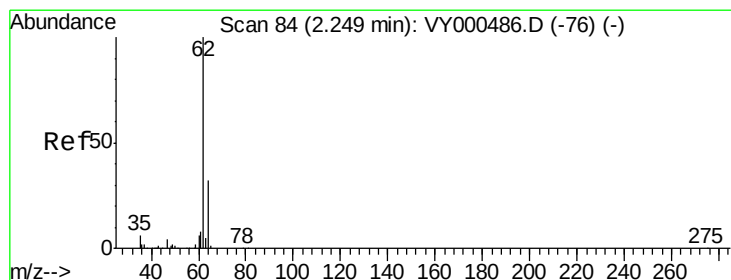
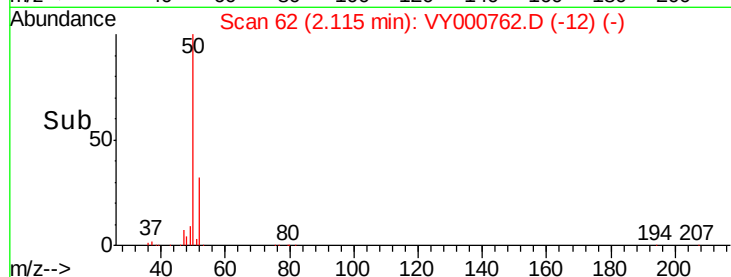
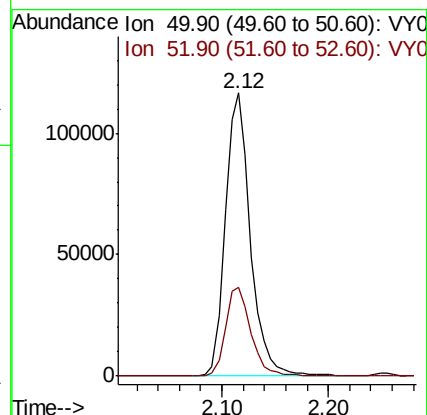
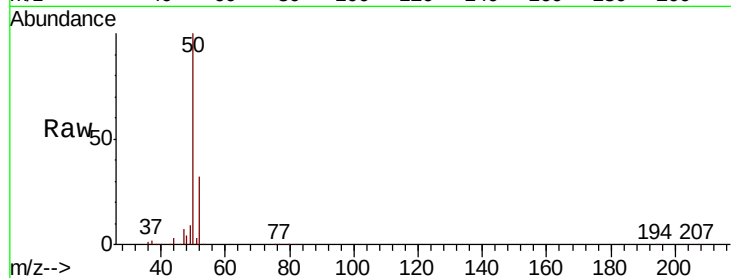
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 190485

Ion Ratio Lower Upper

50 100

52 31.6 25.2 37.8



#4

Vinyl Chloride

Concen: 43.942 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000762.D

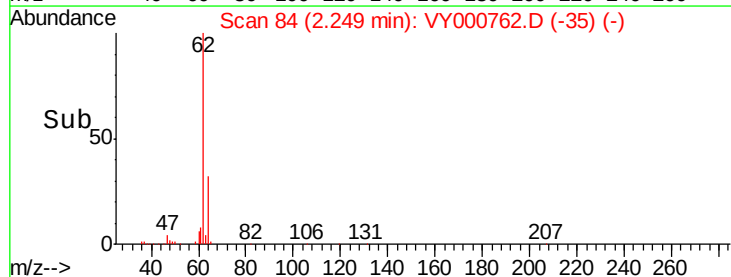
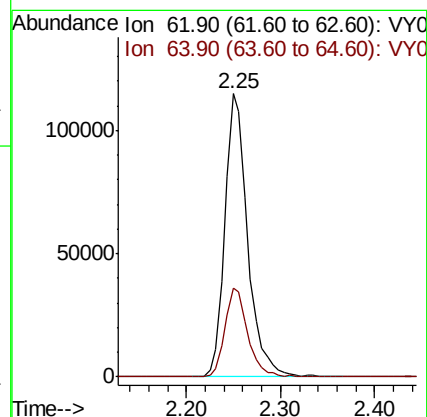
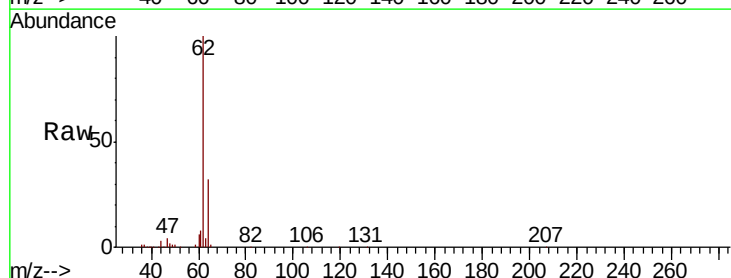
Acq: 21 Nov 2019 12:40

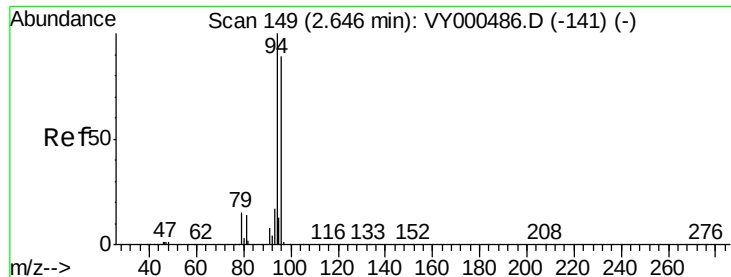
Tgt Ion: 62 Resp: 191607

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 45.508 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

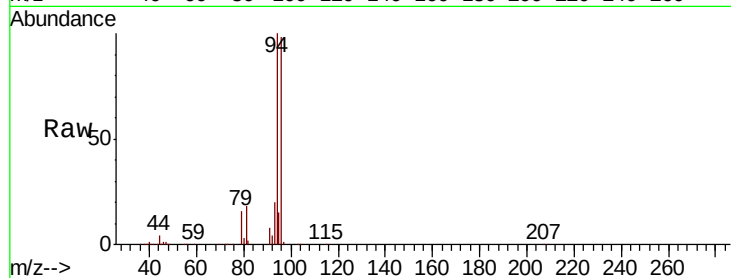
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 118995

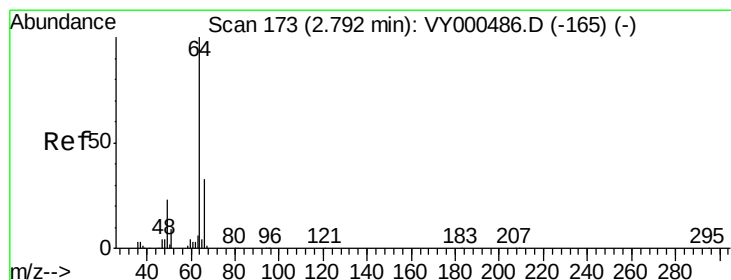
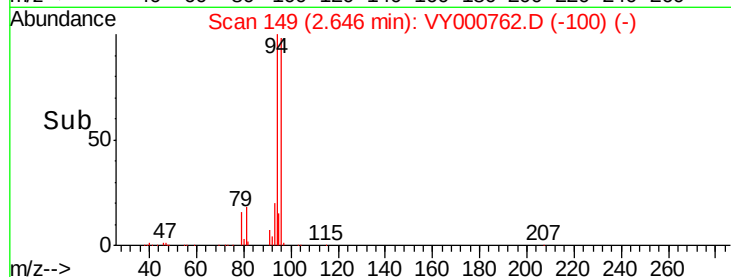
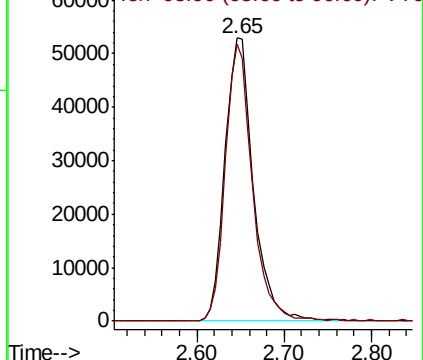
Ion Ratio Lower Upper

94 100

96 97.9 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 44.300 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000762.D

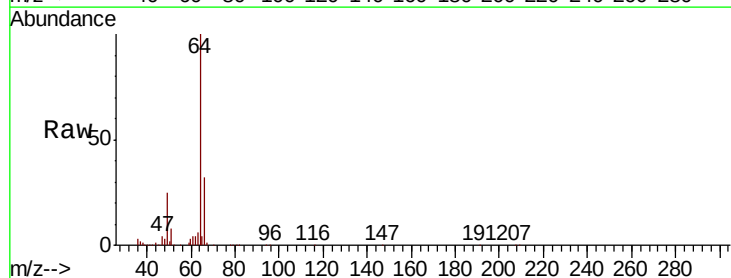
Acq: 21 Nov 2019 12:40

Tgt Ion: 64 Resp: 120897

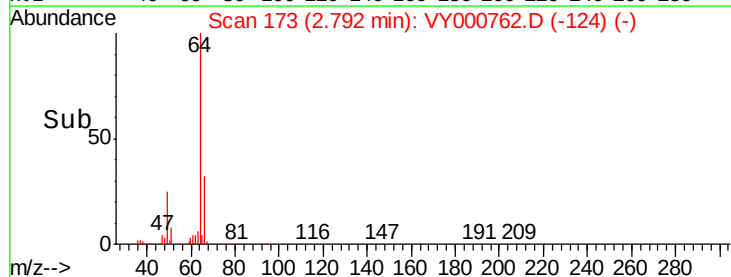
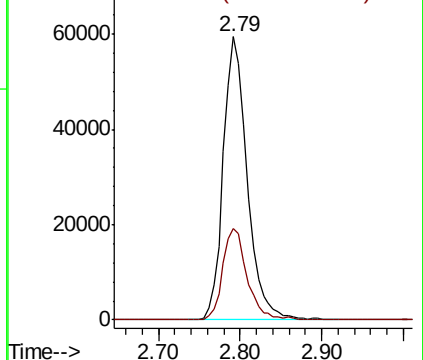
Ion Ratio Lower Upper

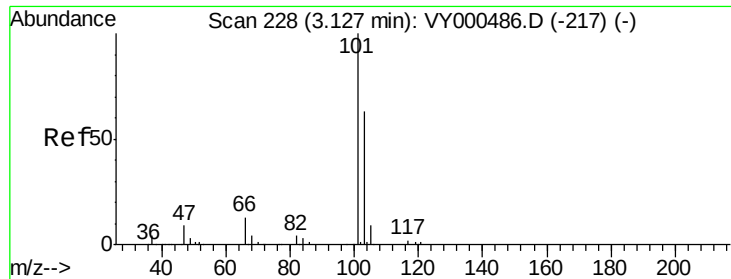
64 100

66 32.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



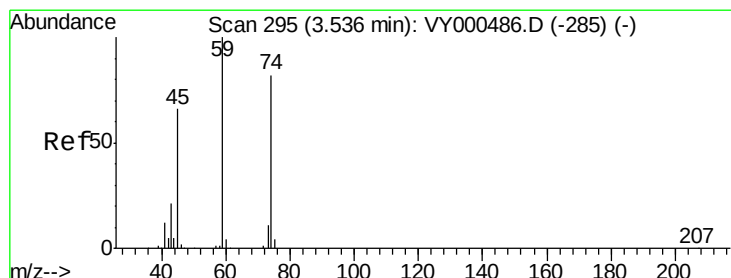
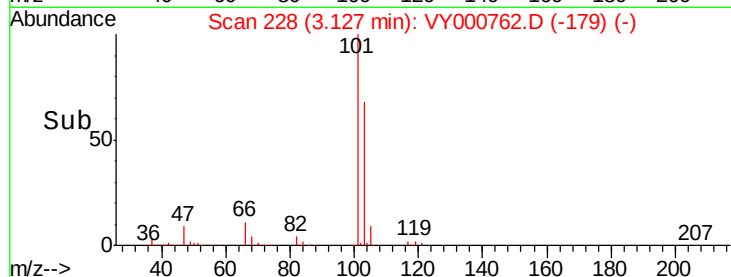
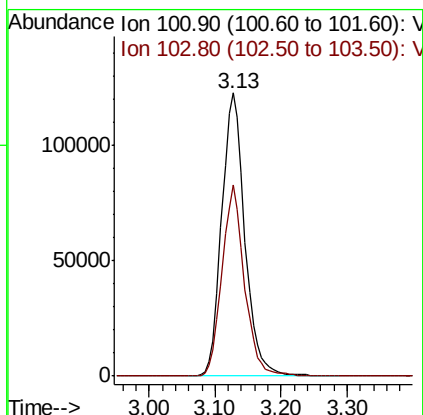
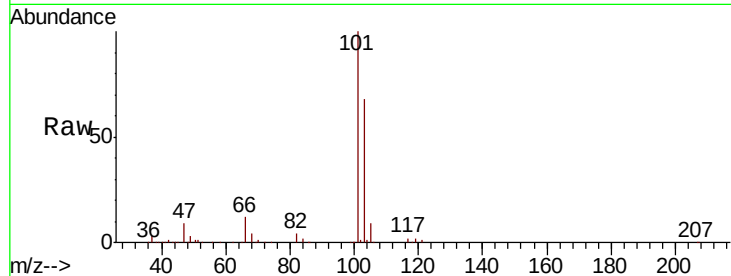


#7

Trichlorofluoromethane
 Concen: 50.362 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000762.D
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Instrument :
 MSVOA_Y
 ClientSampleId :

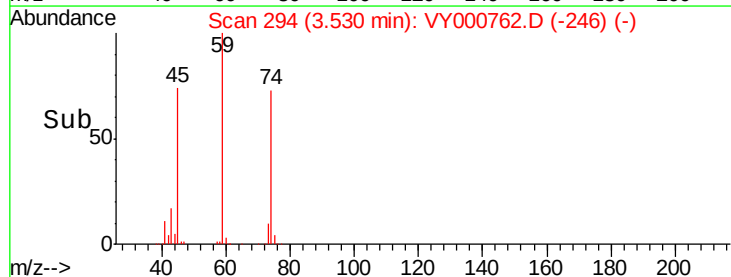
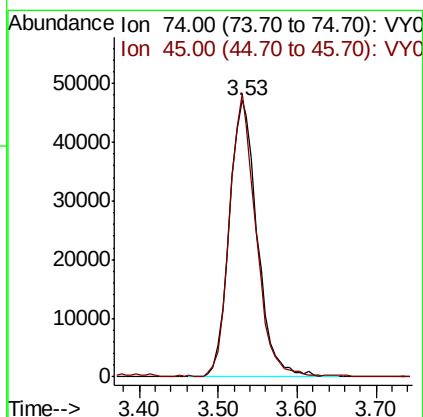
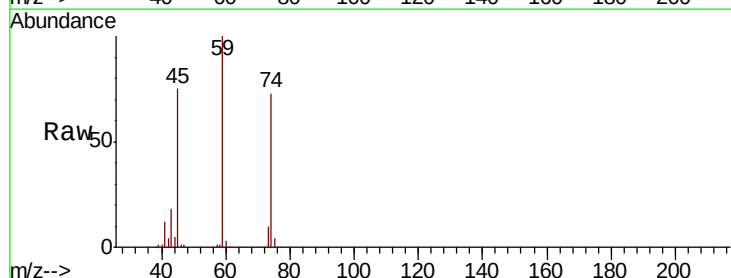
Tot Ion:101 Resp: 296570
 Ion Ratio Lower Upper
 101 100
 103 67.6 50.5 75.7

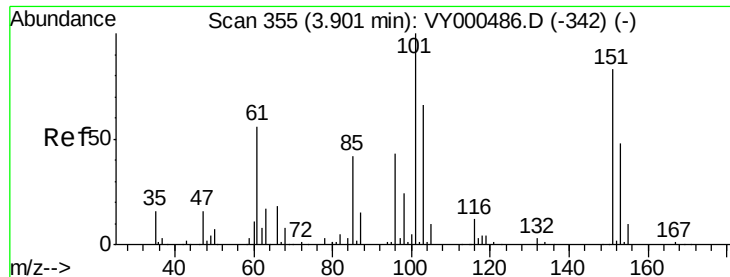


#8

Diethyl Ether
 Concen: 55.516 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion: 74 Resp: 116163
 Ion Ratio Lower Upper
 74 100
 45 96.0 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.740 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000762.D

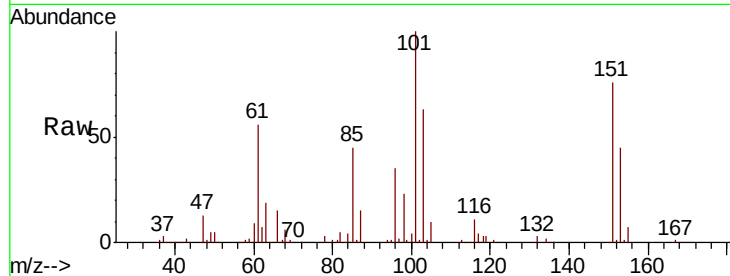
Acq: 21 Nov 2019 12:40

Instrument :

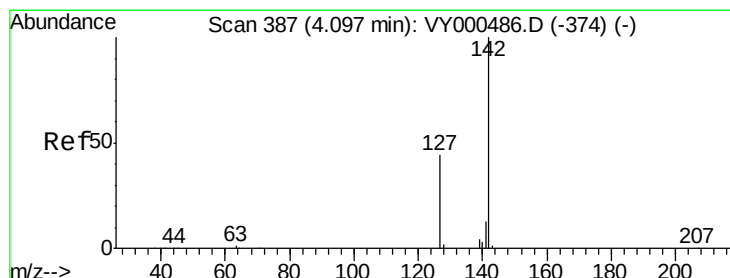
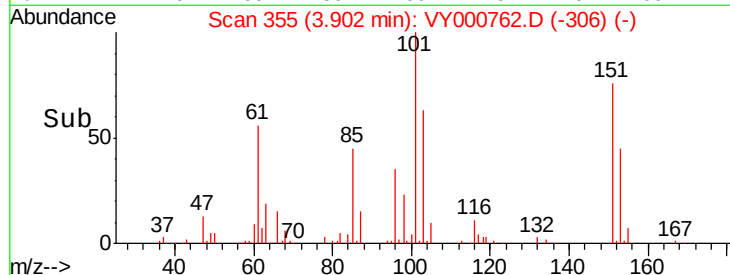
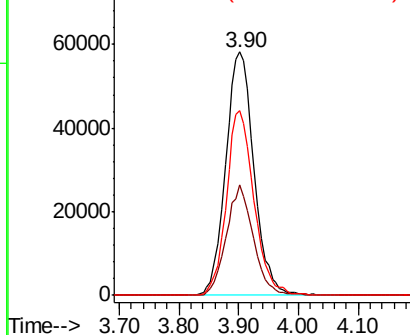
MSVOA_Y

ClientSampleId :

Tot Ion:	101	Resp:	191321
Ion	Ratio	Lower	Upper
101	100		
85	43.3	36.7	55.1
151	74.0	64.3	96.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.384 ug/l

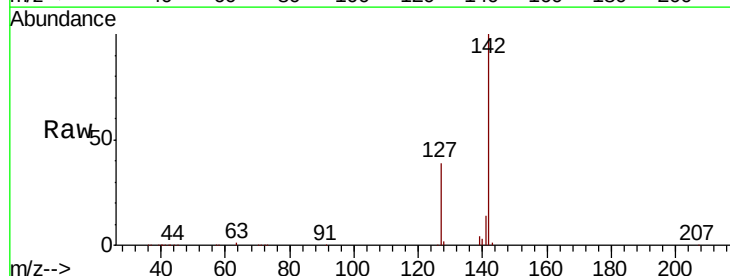
RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

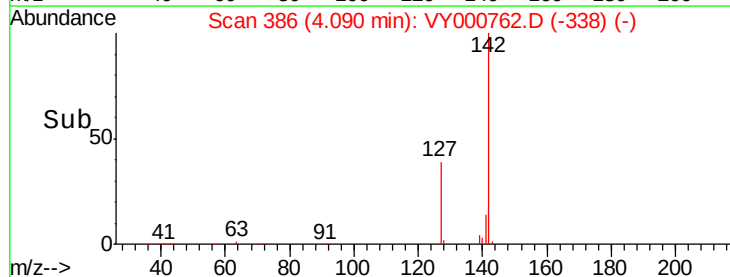
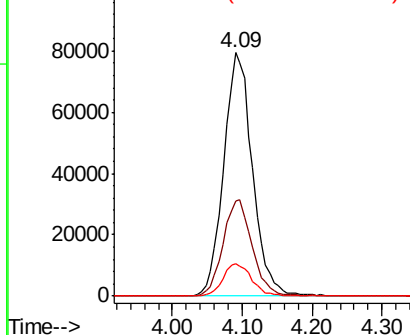
Lab File: VY000762.D

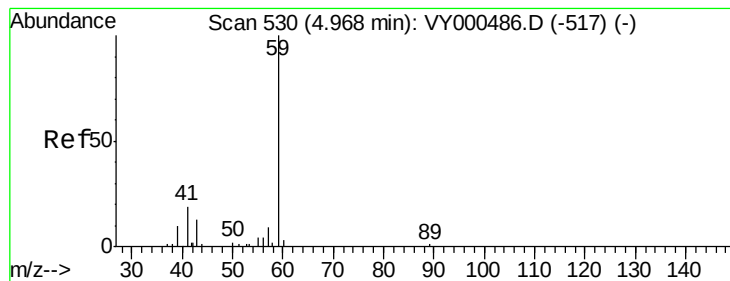
Acq: 21 Nov 2019 12:40

Tgt Ion:	142	Resp:	226212
Ion	Ratio	Lower	Upper
142	100		
127	39.9	33.7	50.5
141	13.5	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



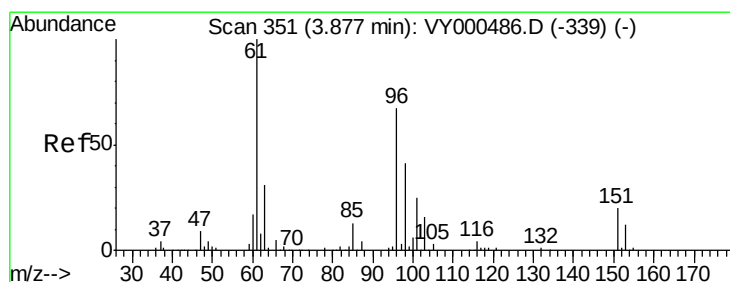
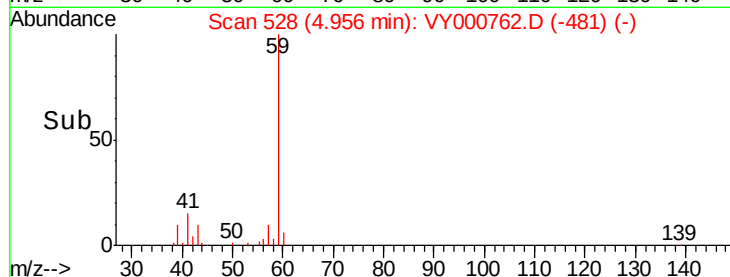
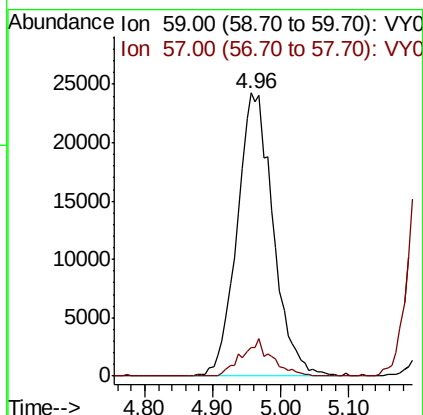
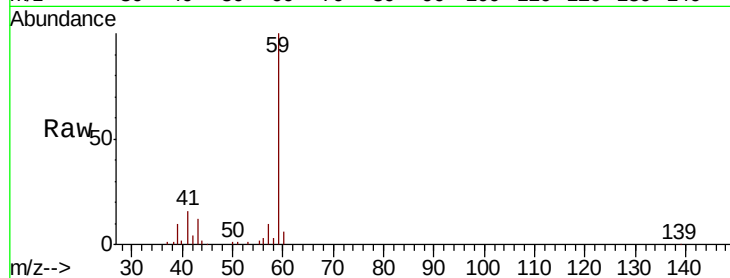


#11

Tert butyl alcohol
 Concen: 256.068 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Instrument :
 MSVOA_Y
 ClientSampled :

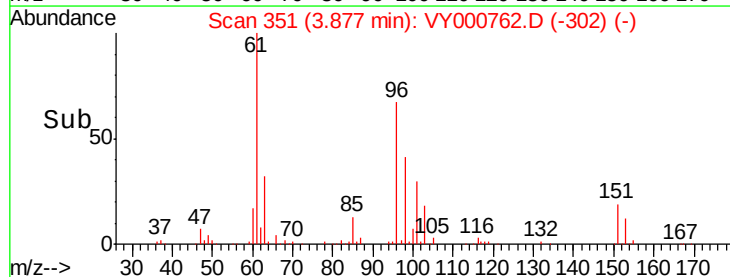
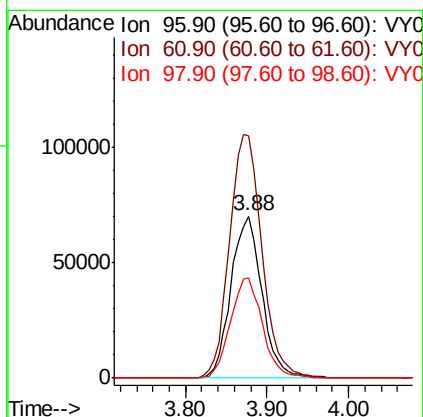
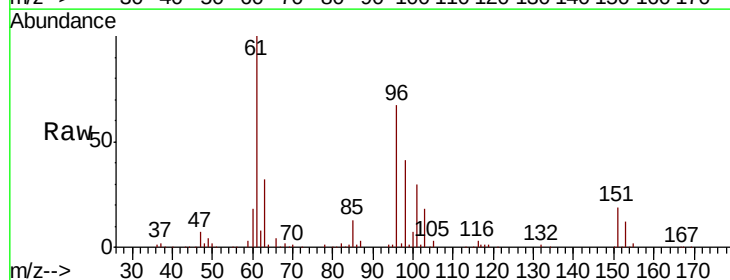
Tot Ion: 59 Resp: 89323
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.6 12.8

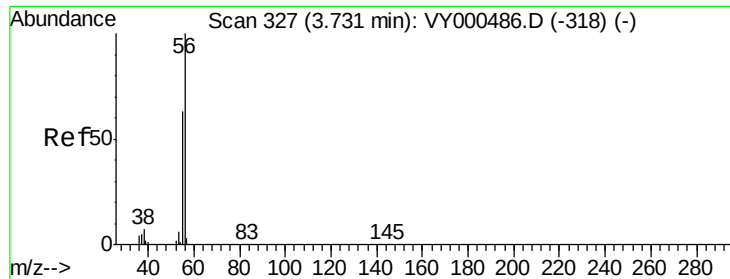


#12

1,1-Dichloroethene
 Concen: 53.487 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion: 96 Resp: 185004
 Ion Ratio Lower Upper
 96 100
 61 149.8 119.2 178.8
 98 61.6 48.6 73.0

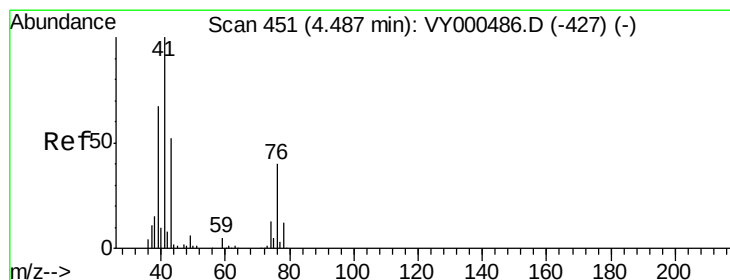
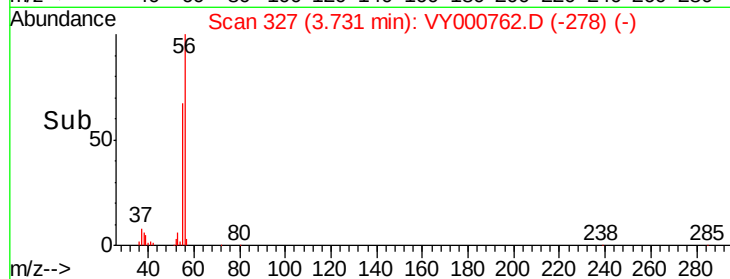
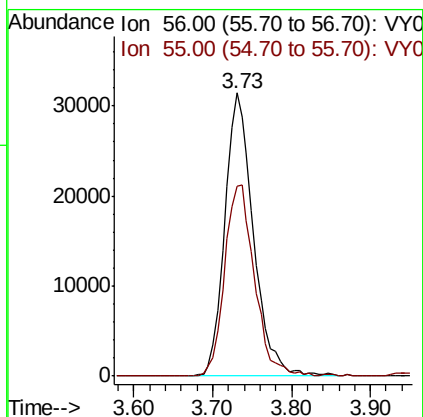
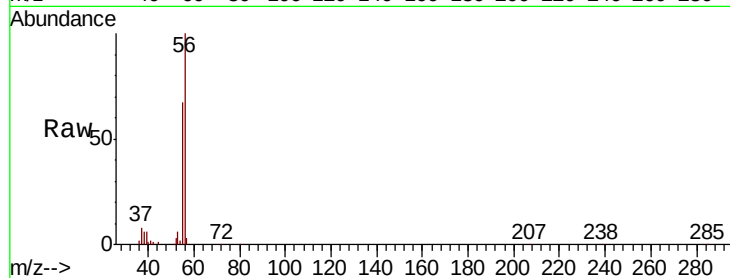




#13
 Acrolein
 Concen: 260.530 ug/l
 RT: 3.73 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

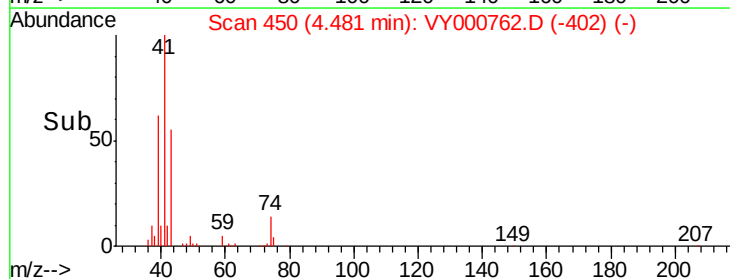
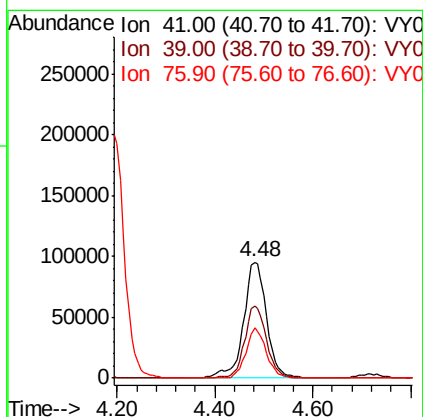
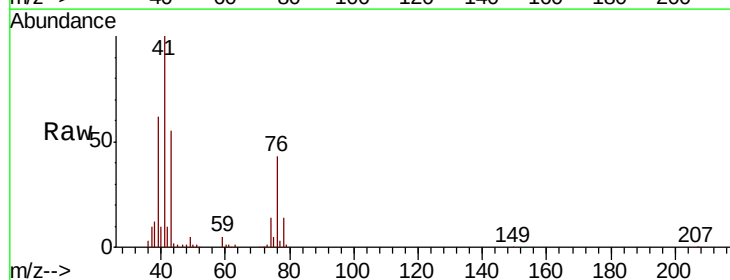
Instrument :
 MSVOA_Y
 ClientSampleId :

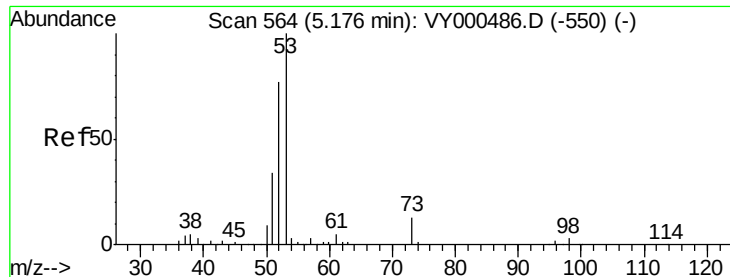
Tot Ion: 56 Resp: 79161
 Ion Ratio Lower Upper
 56 100
 55 70.5 57.0 85.6



#14
 Allyl chloride
 Concen: 55.285 ug/l
 RT: 4.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion: 41 Resp: 310939
 Ion Ratio Lower Upper
 41 100
 39 59.3 53.6 80.4
 76 37.9 29.8 44.6





#15

Acrylonitrile

Concen: 280.791 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

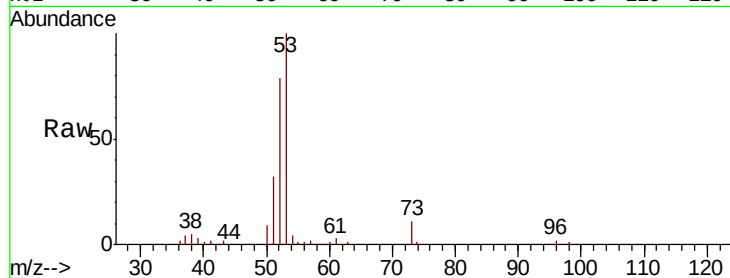
Tot Ion: 53 Resp: 300972

Ion Ratio Lower Upper

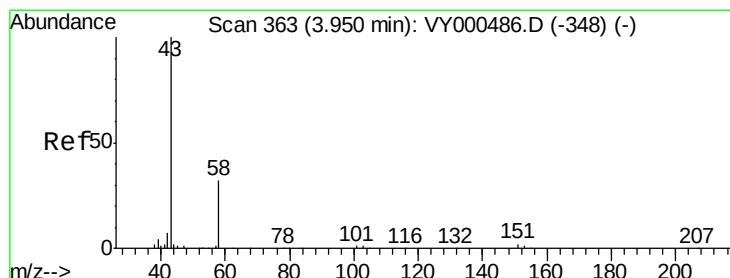
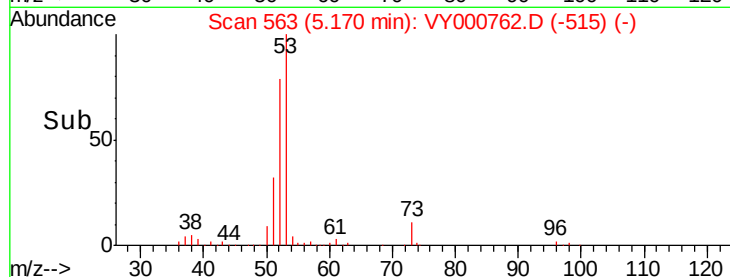
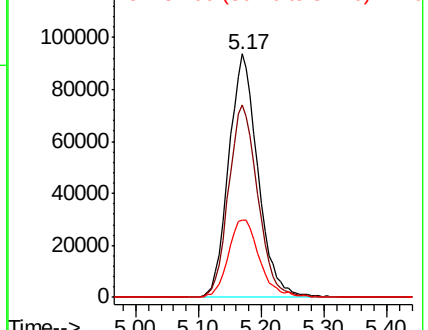
53 100

52 79.3 64.9 97.3

51 34.2 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 273.561 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY000762.D

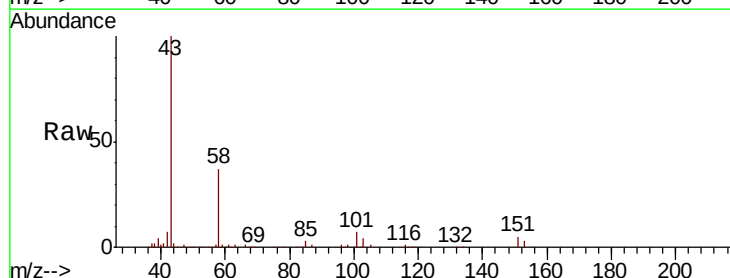
Acq: 21 Nov 2019 12:40

Tgt Ion: 43 Resp: 270179

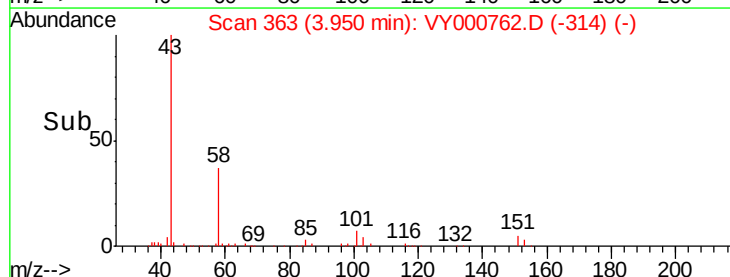
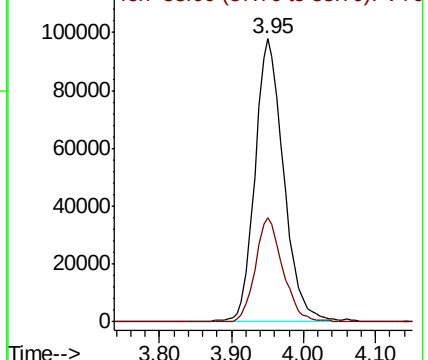
Ion Ratio Lower Upper

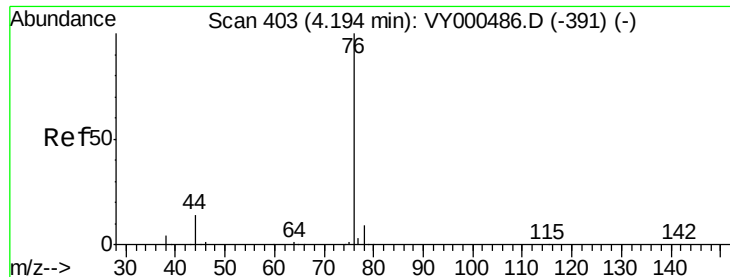
43 100

58 37.0 25.8 38.6



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

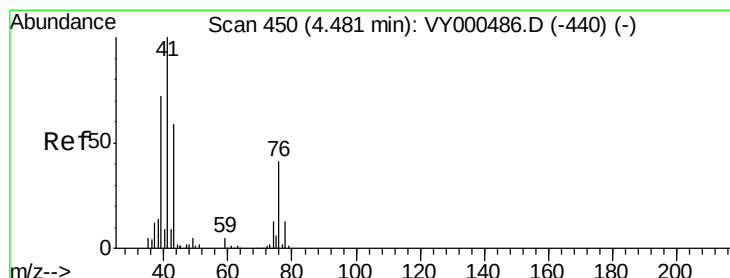
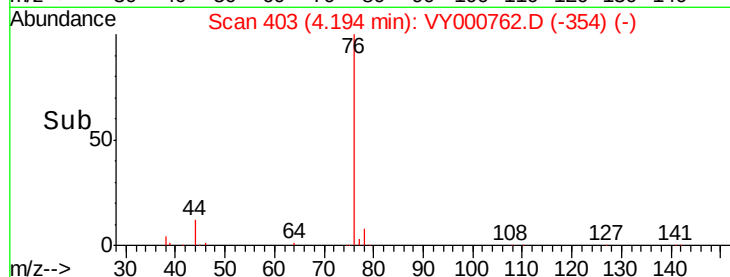
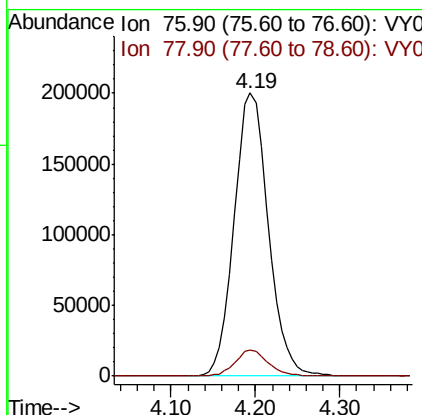
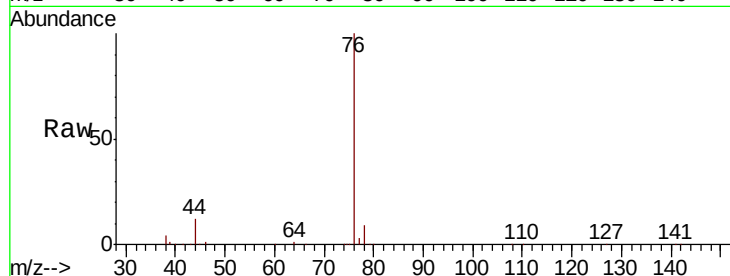




#17
Carbon Disulfide
Concen: 50.377 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

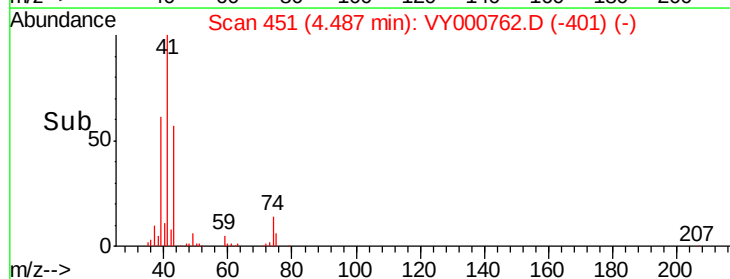
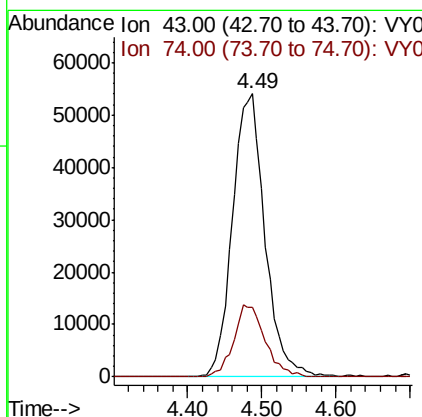
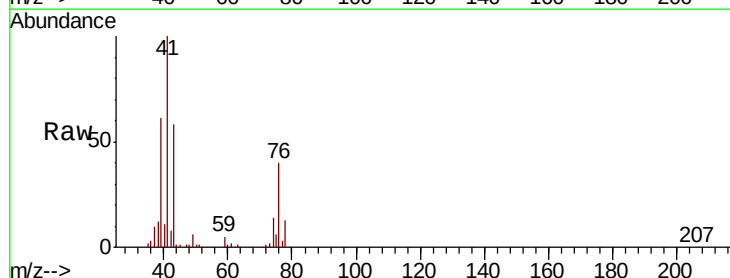
Instrument :
MSVOA_Y
ClientSampleId :

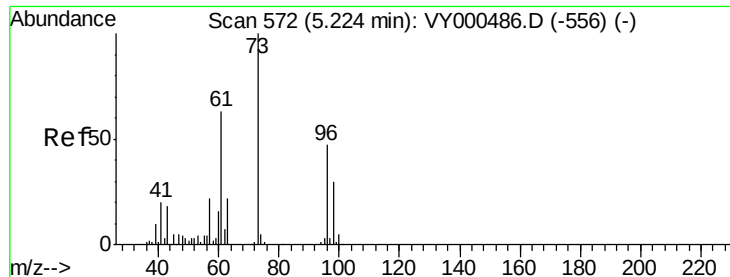
Tot Ion: 76 Resp: 549581
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 53.665 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion: 43 Resp: 164799
Ion Ratio Lower Upper
43 100
74 24.9 19.2 28.8

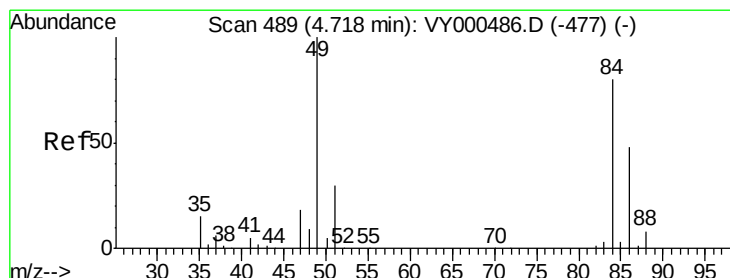
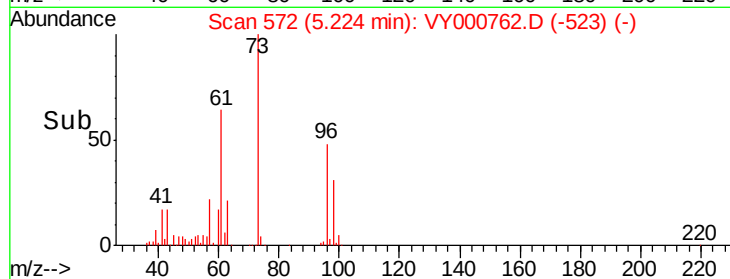
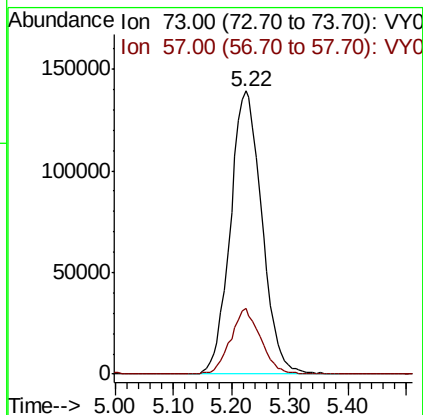
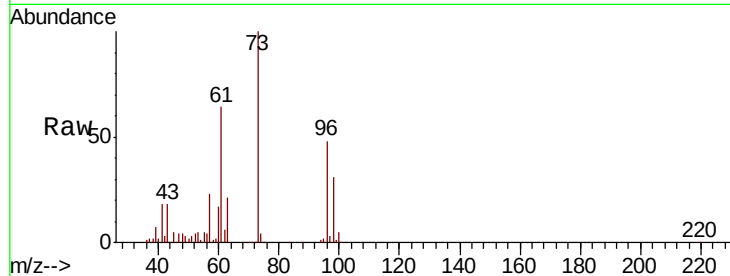




#19
Methyl tert-butyl Ether
Concen: 54.411 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

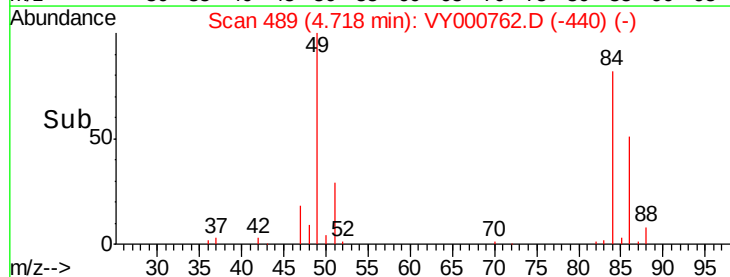
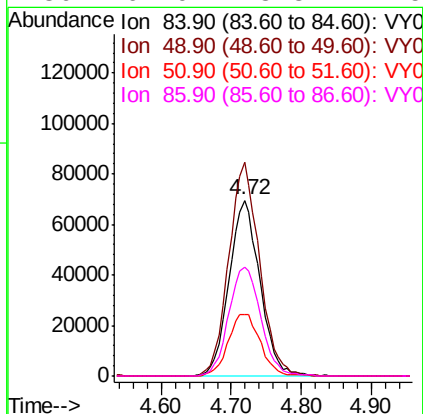
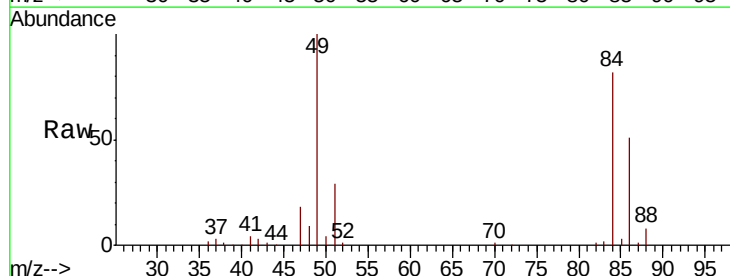
Instrument :
MSVOA_Y
ClientSampleId :

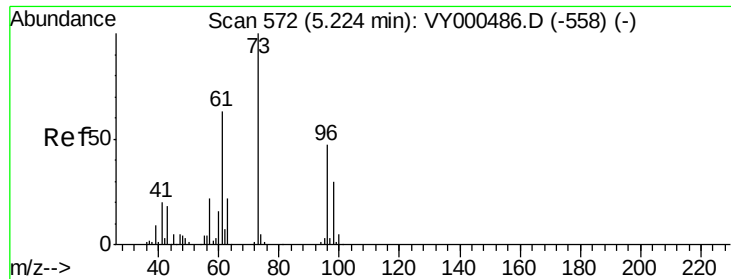
Tot Ion: 73 Resp: 523270
Ion Ratio Lower Upper
73 100
57 23.1 17.4 26.0



#20
Methylene Chloride
Concen: 50.383 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion: 84 Resp: 213218
Ion Ratio Lower Upper
84 100
49 121.5 100.2 150.4
51 35.1 29.6 44.4
86 62.0 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 53.140 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

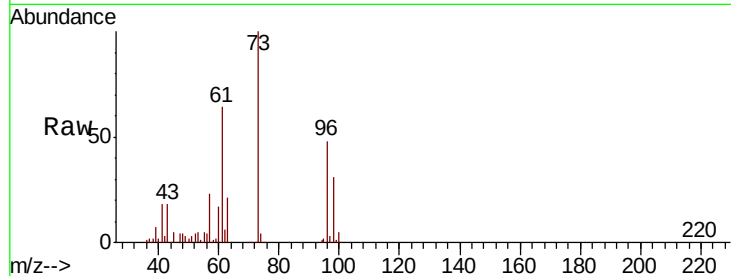
Tot Ion: 96 Resp: 207795

Ion Ratio Lower Upper

96 100

61 135.5 106.6 160.0

98 66.1 50.6 76.0

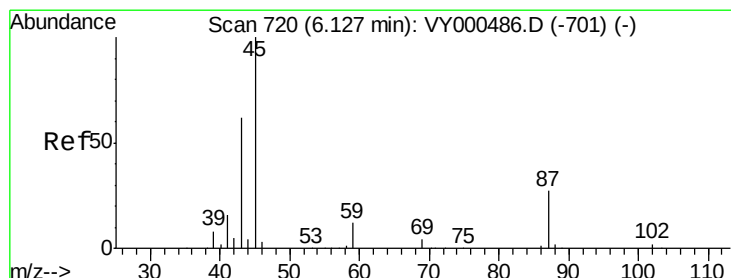
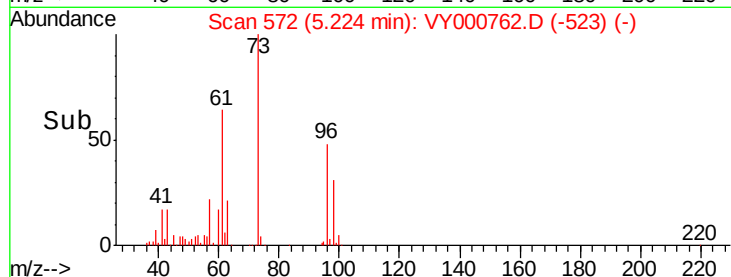
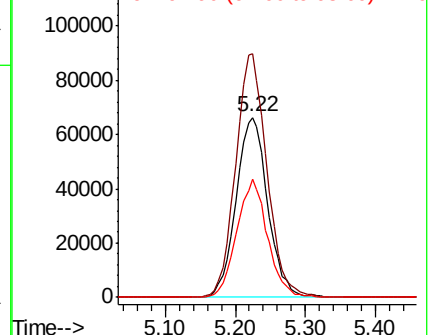


Abundance

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



#22

Diisopropyl ether

Concen: 52.516 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Tgt Ion: 45 Resp: 641986

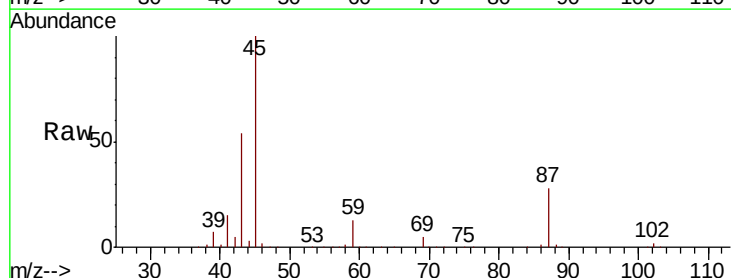
Ion Ratio Lower Upper

45 100

43 53.5 50.0 75.0

87 27.6 21.6 32.4

59 13.1 9.5 14.3



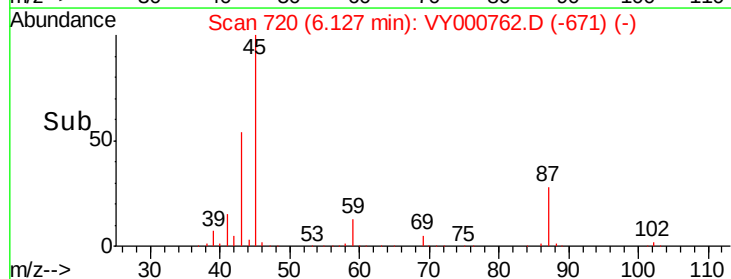
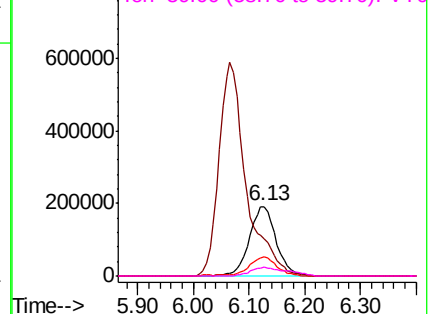
Abundance

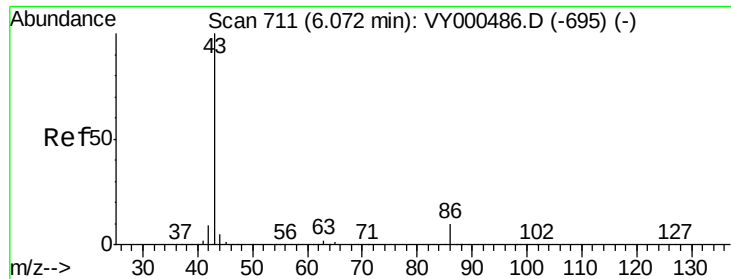
Ion 45.00 (44.70 to 45.70): VY0

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: 258.155 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

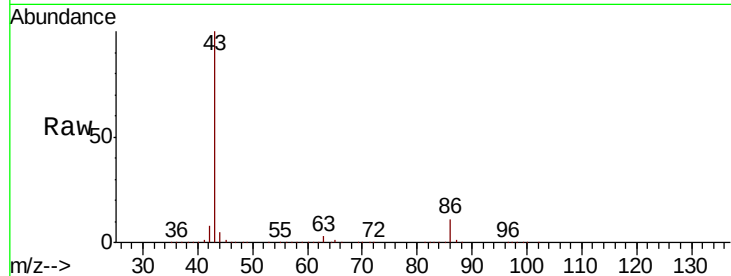
ClientSampleId :

Tot Ion: 43 Resp: 1992146

Ion Ratio Lower Upper

43 100

86 11.0 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

600000

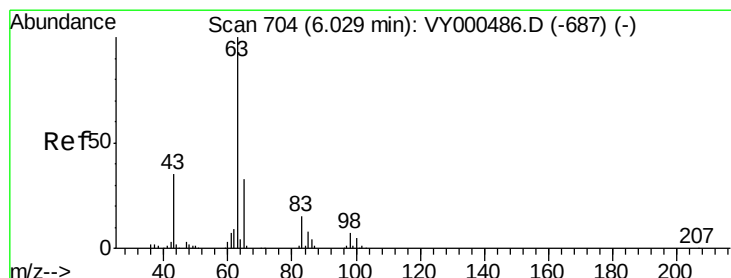
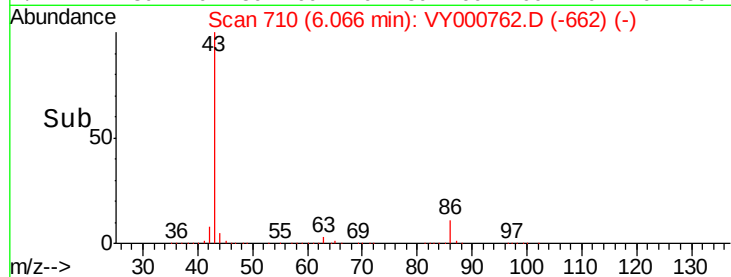
400000

200000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 54.807 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

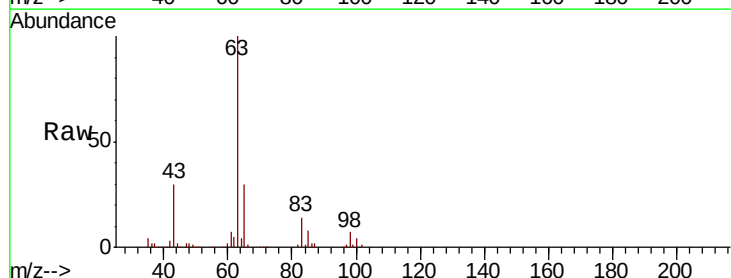
Tgt Ion: 63 Resp: 362968

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

100 4.4 2.4 7.1



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

150000

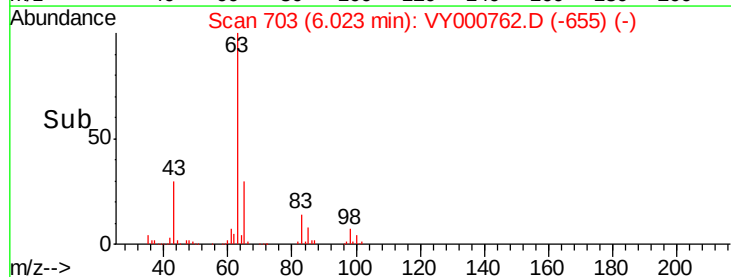
100000

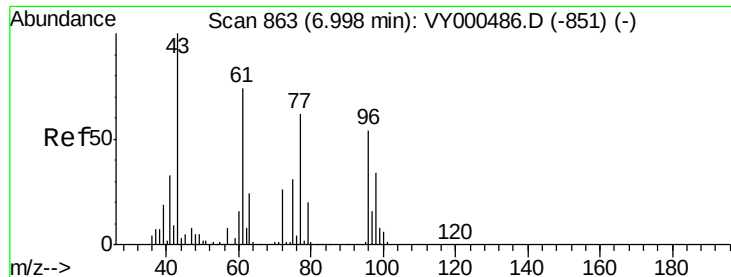
50000

0

Time-->

5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 260.266 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

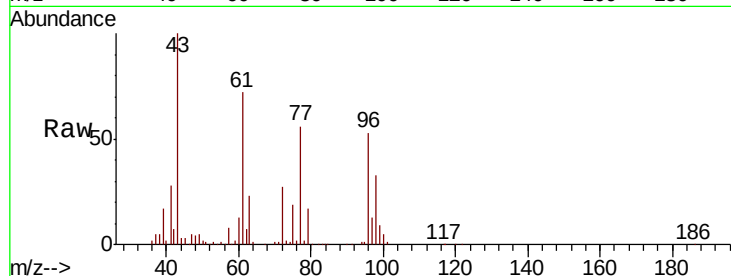
ClientSampled :

Tot Ion: 43 Resp: 410233

Ion Ratio Lower Upper

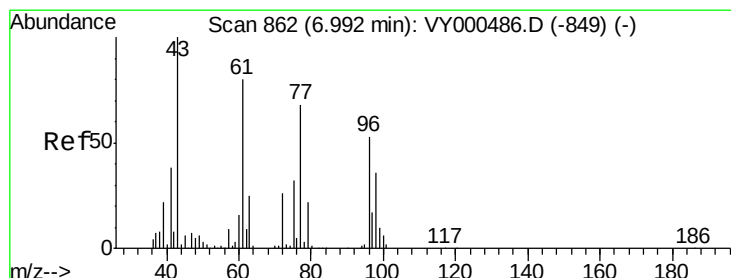
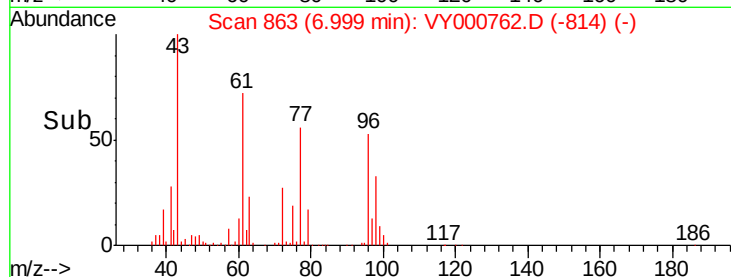
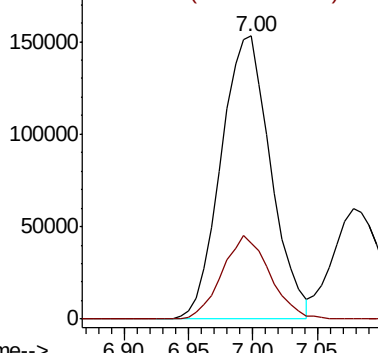
43 100

72 26.9 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 51.080 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000762.D

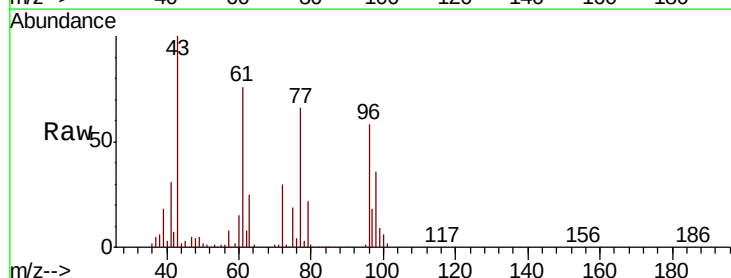
Acq: 21 Nov 2019 12:40

Tgt Ion: 77 Resp: 309148

Ion Ratio Lower Upper

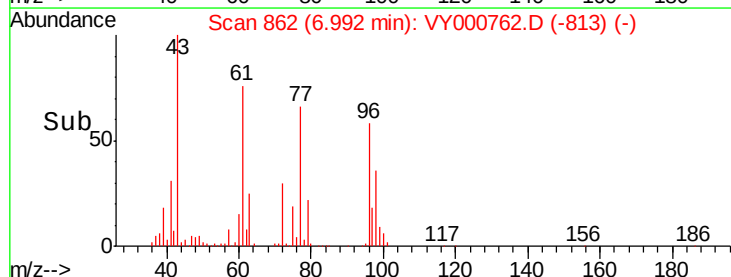
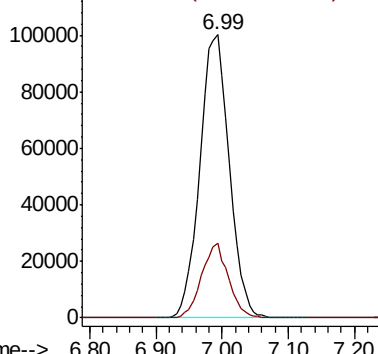
77 100

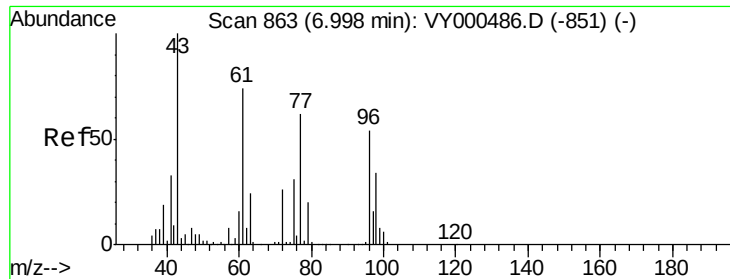
97 24.0 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



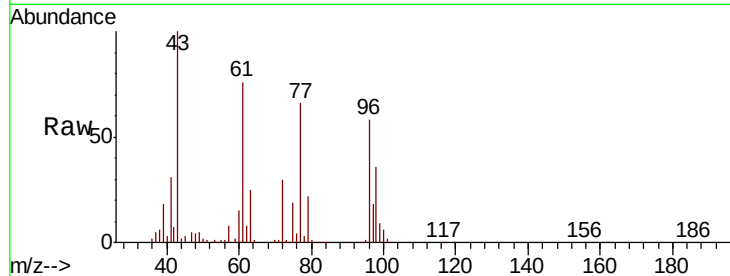


#27

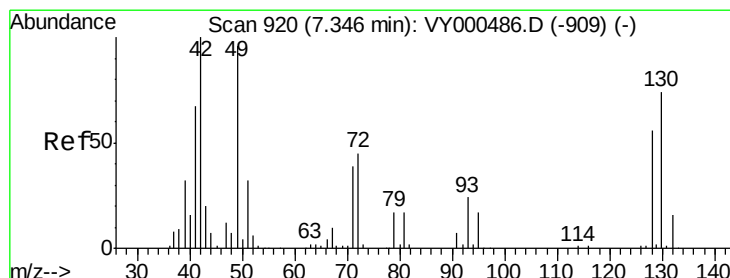
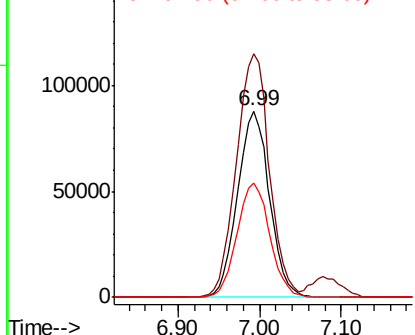
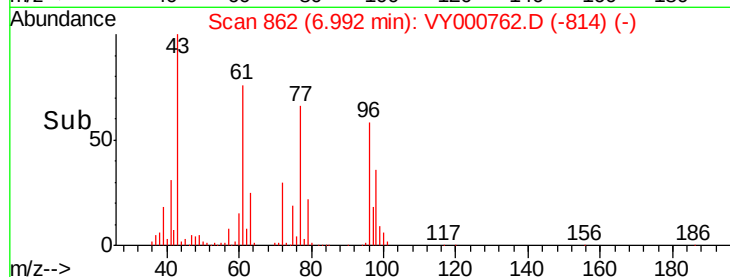
cis-1,2-Dichloroethene
Concen: 55.799 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 238585
Ion Ratio Lower Upper
96 100
61 135.2 0.0 287.0
98 63.0 0.0 129.4



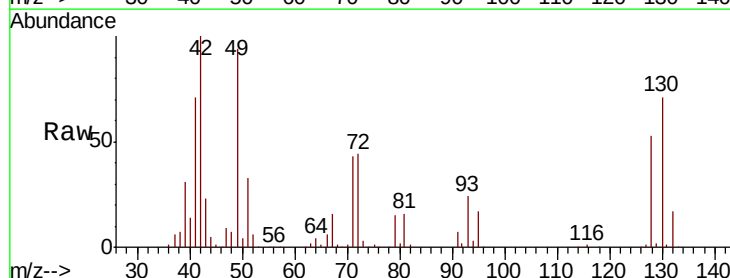
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



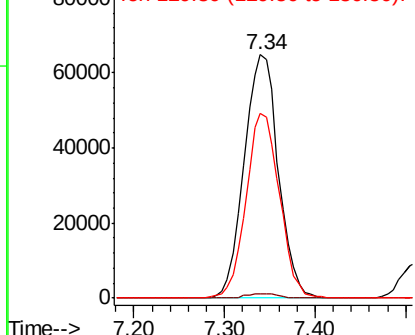
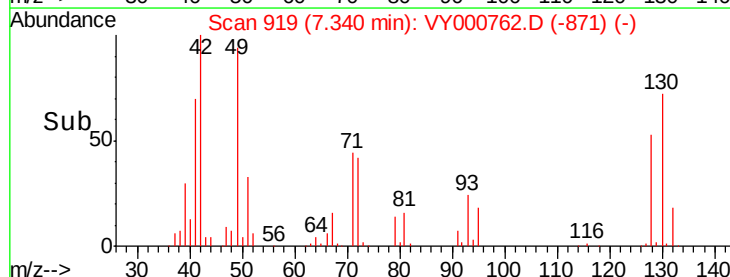
#28

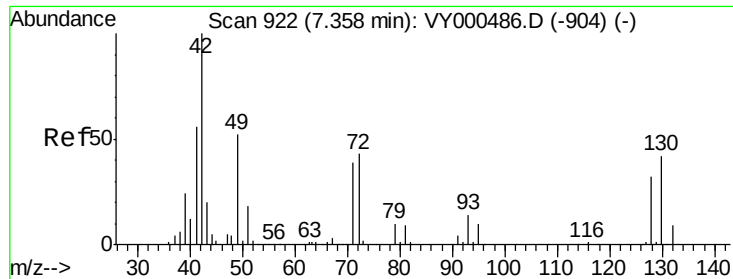
Bromochloromethane
Concen: 55.426 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion: 49 Resp: 168866
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 74.3 59.4 89.0



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

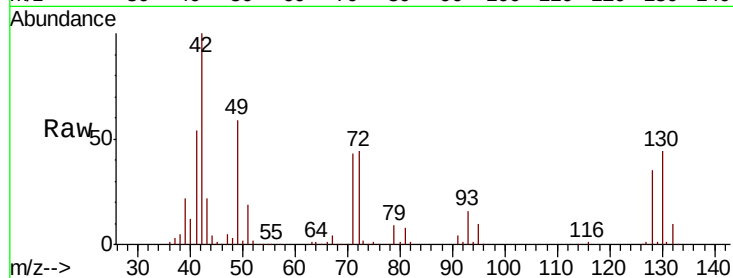




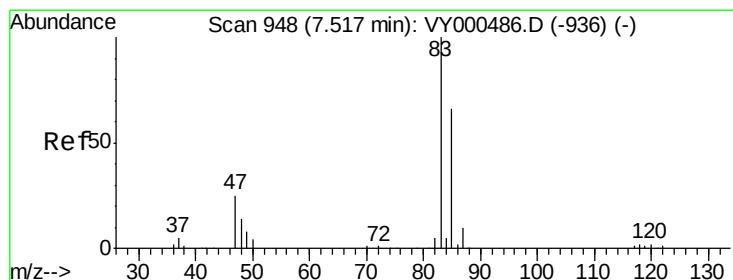
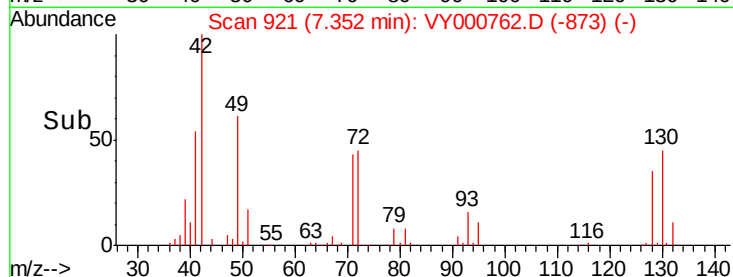
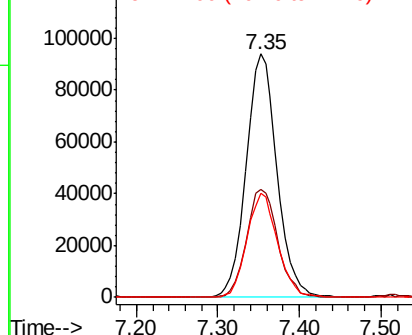
#29
Tetrahydrofuran
Concen: 256.095 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 246943
Ion Ratio Lower Upper
42 100
72 45.1 34.0 51.0
71 42.6 30.8 46.2

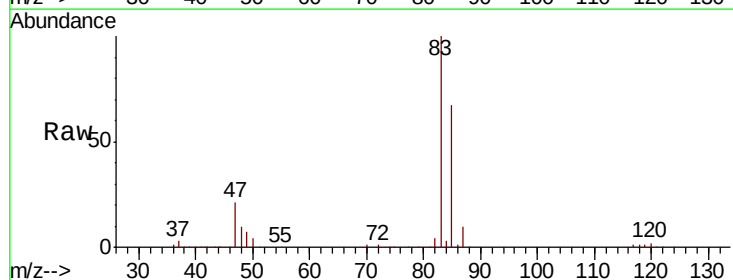


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

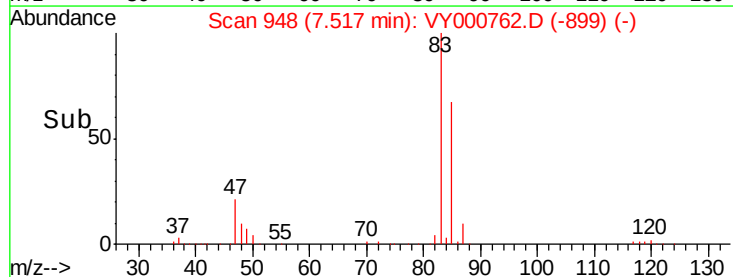
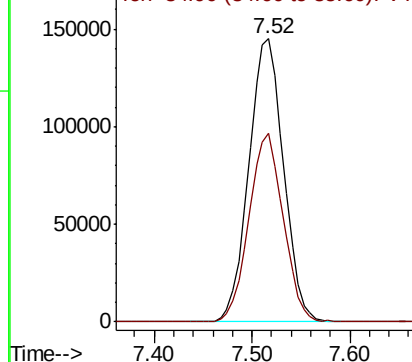


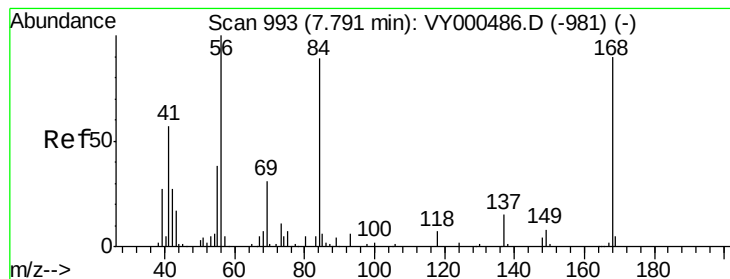
#30
Chloroform
Concen: 53.320 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion: 83 Resp: 357218
Ion Ratio Lower Upper
83 100
85 66.7 53.0 79.4



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





#31

Cyclohexane

Concen: 51.203 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

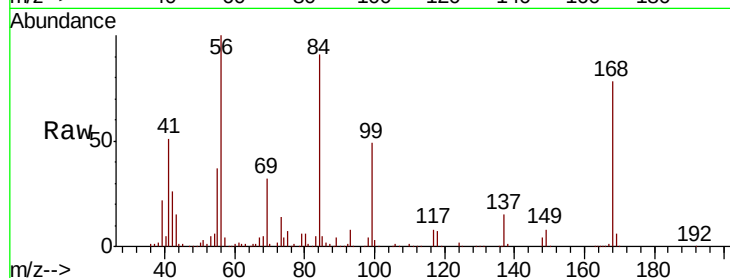
Tot Ion: 56 Resp: 355167

Ion Ratio Lower Upper

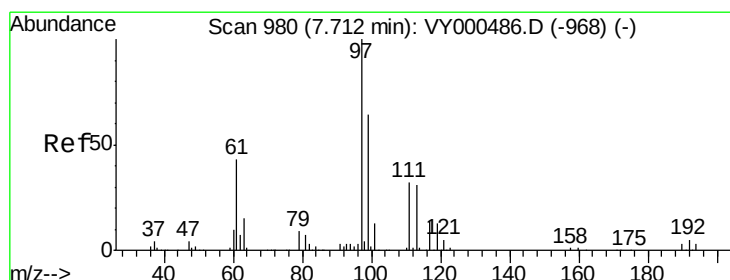
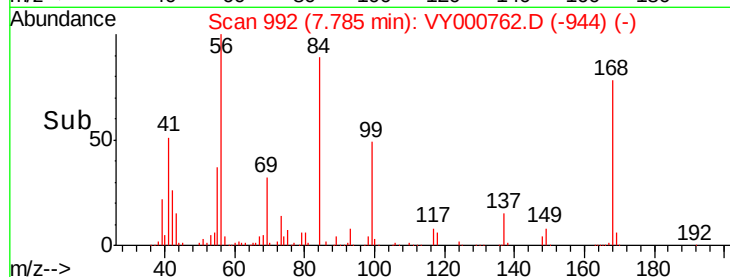
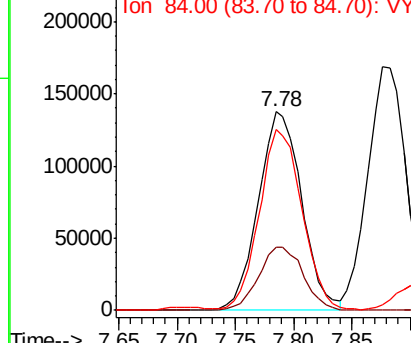
56 100

69 32.0 25.0 37.6

84 89.8 71.4 107.2



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: 50.866 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

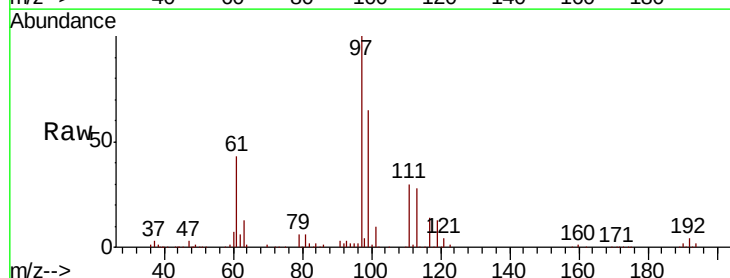
Tgt Ion: 97 Resp: 303711

Ion Ratio Lower Upper

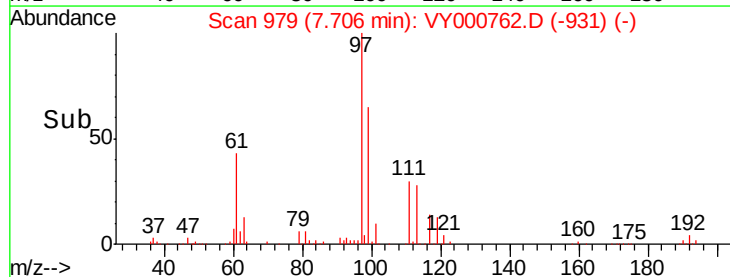
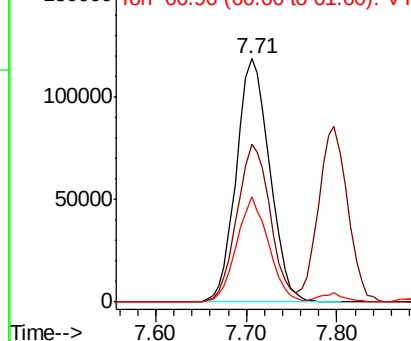
97 100

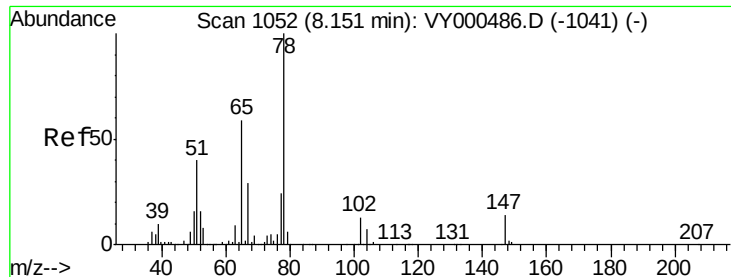
99 64.7 50.9 76.3

61 41.5 34.9 52.3



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

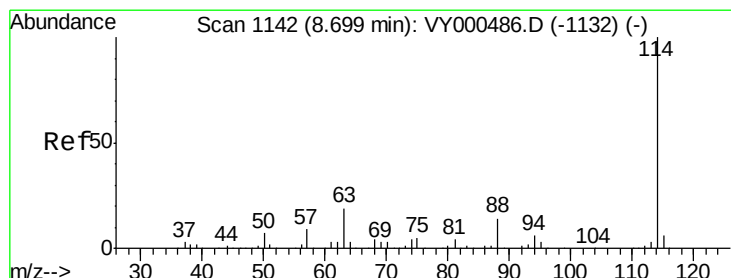
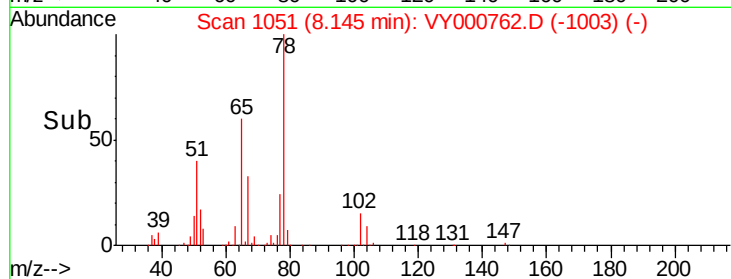
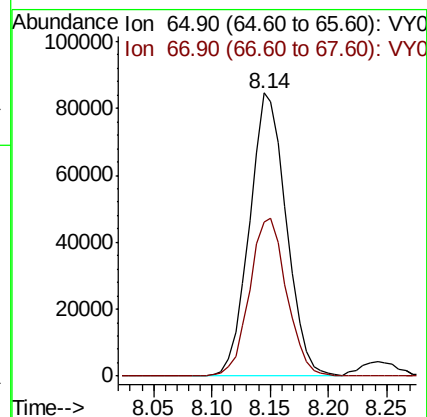
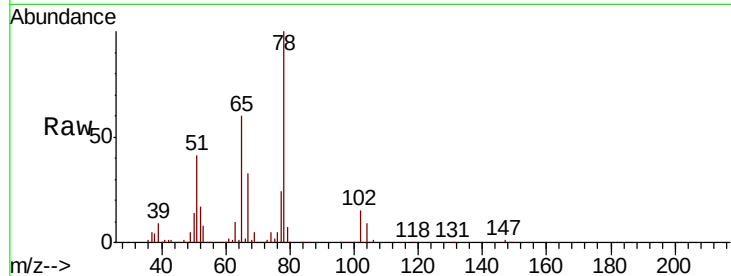




#33
 1,2-Dichloroethane-d4
 Concen: 51.807 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

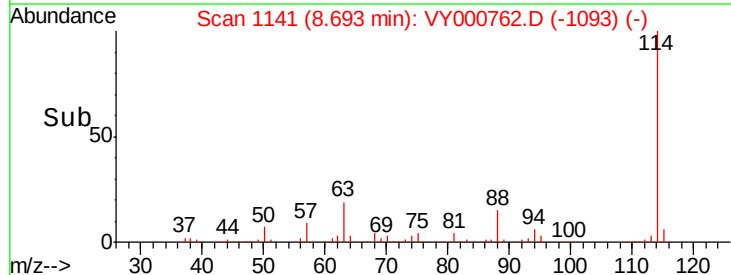
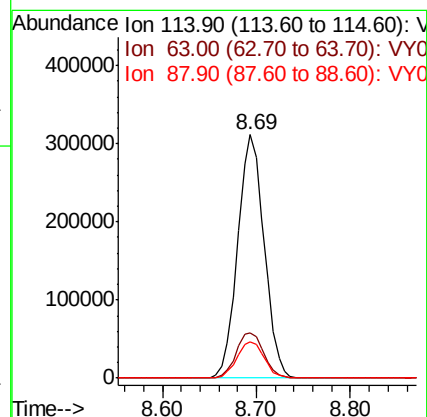
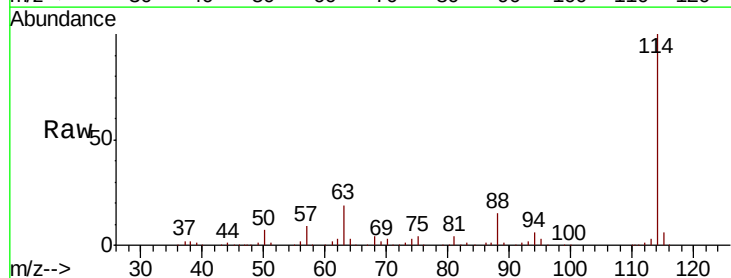
Instrument :
 MSVOA_Y
 ClientSampleId :

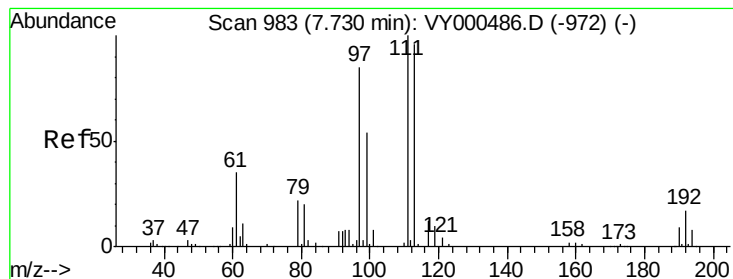
Tot Ion: 65 Resp: 185647
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion: 114 Resp: 604829
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.0
 88 15.1 0.0 28.6





#35

Dibromofluoromethane

Concen: 51.194 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampled :

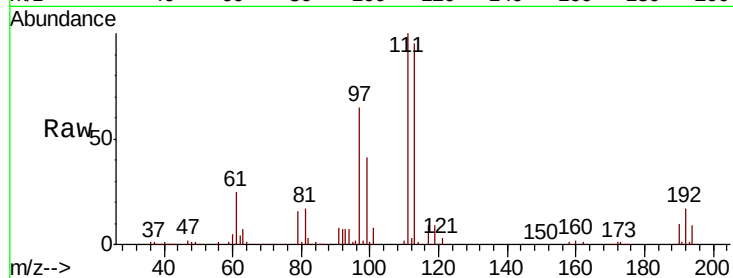
Tot Ion:113 Resp: 181777

Ion Ratio Lower Upper

113 100

111 104.6 81.7 122.5

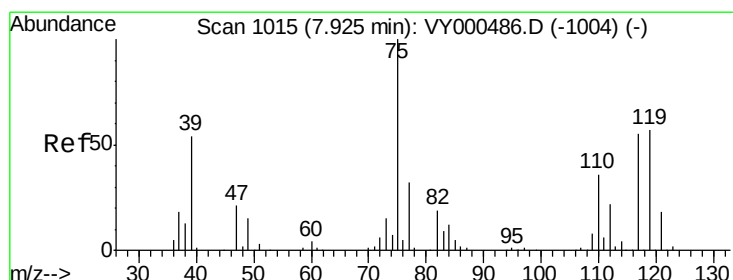
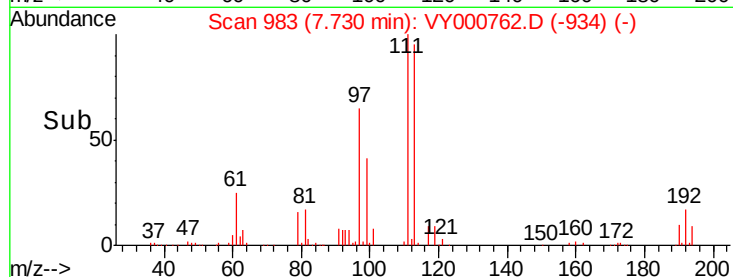
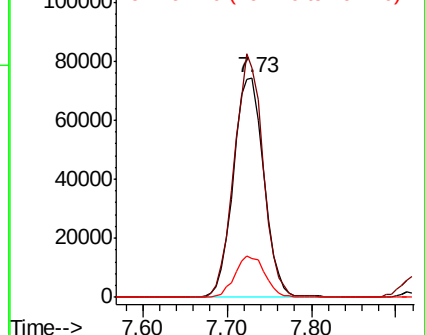
192 18.4 15.0 22.4



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: 49.792 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

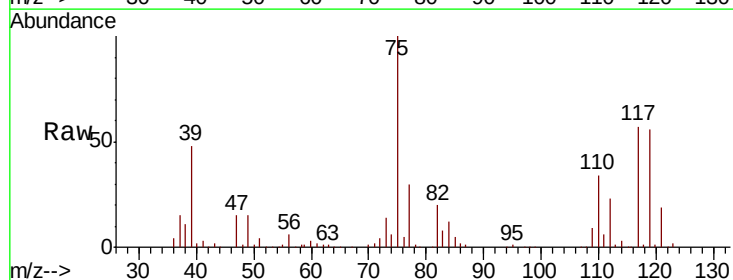
Tgt Ion: 75 Resp: 284701

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.1

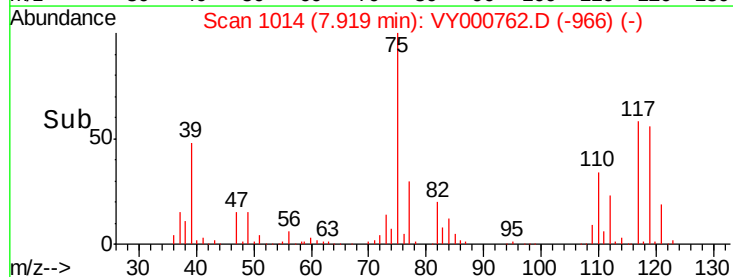
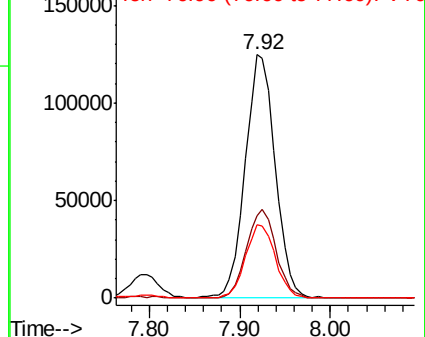
77 30.2 25.0 37.6

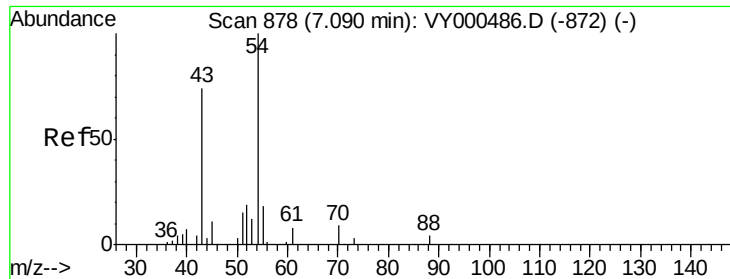


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

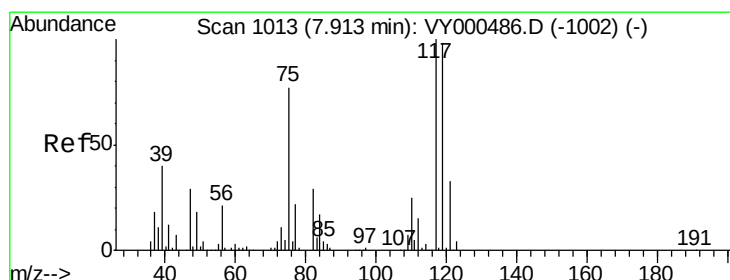
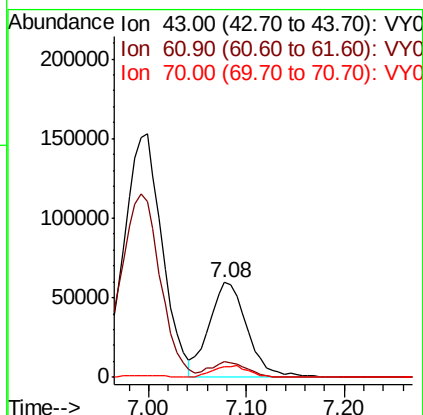
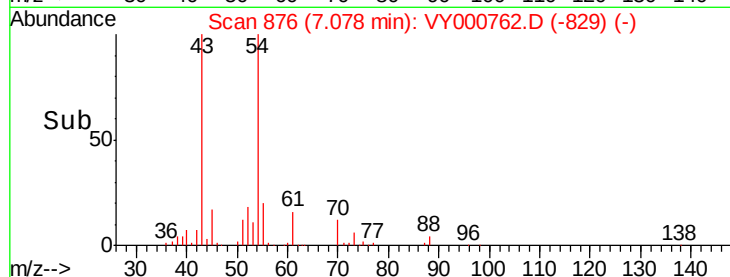
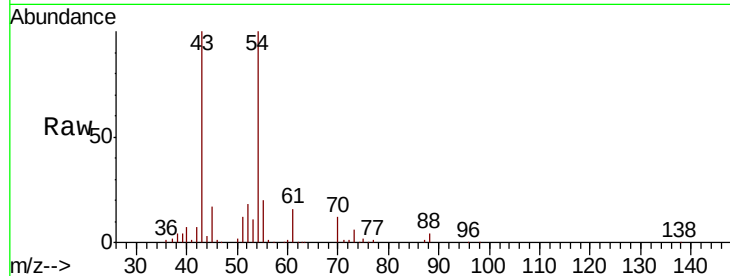




#37
Ethyl Acetate
Concen: 47.349 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

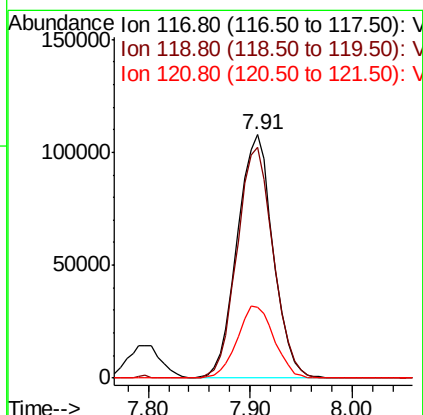
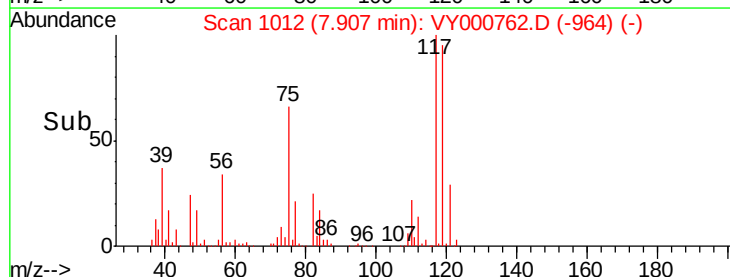
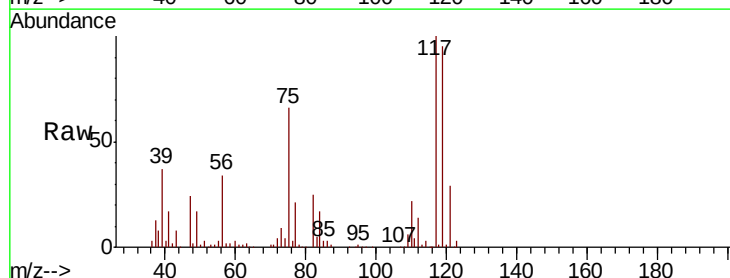
Instrument :
MSVOA_Y
ClientSampleId :

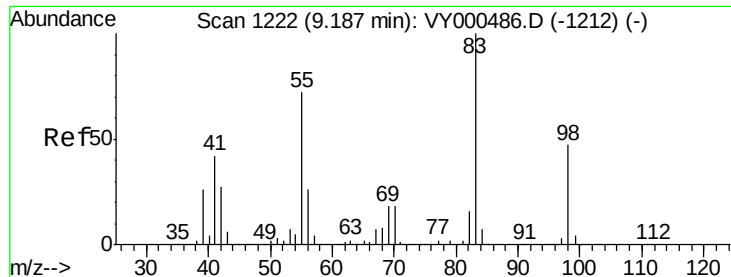
Tot Ion: 43 Resp: 160733
Ion Ratio Lower Upper
43 100
61 16.0 10.2 15.2#
70 11.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 47.839 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion: 117 Resp: 263197
Ion Ratio Lower Upper
117 100
119 94.8 78.0 117.0
121 29.2 26.6 40.0

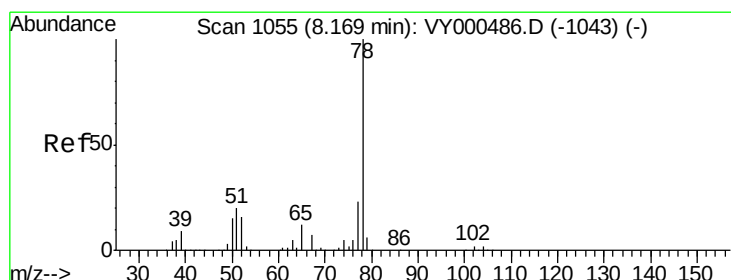
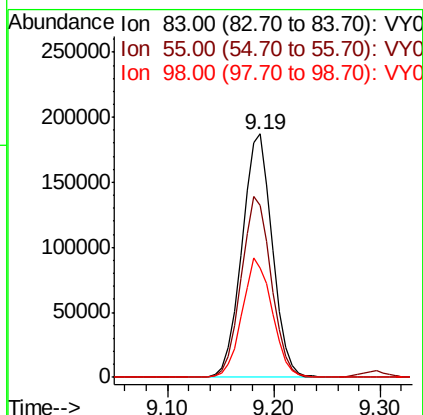
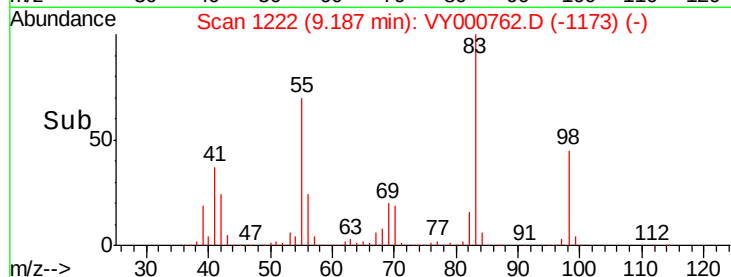
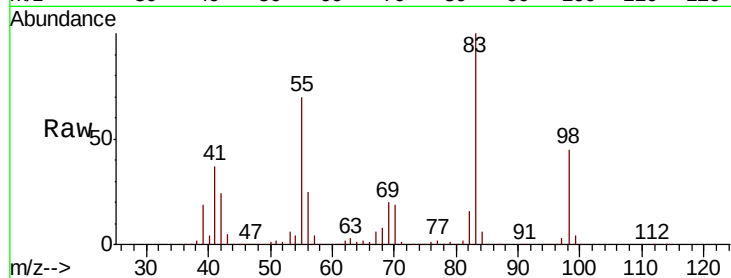




#39
Methylvlcyclohexane
Concen: 50.643 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

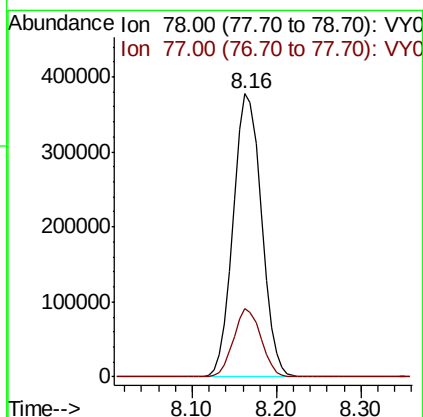
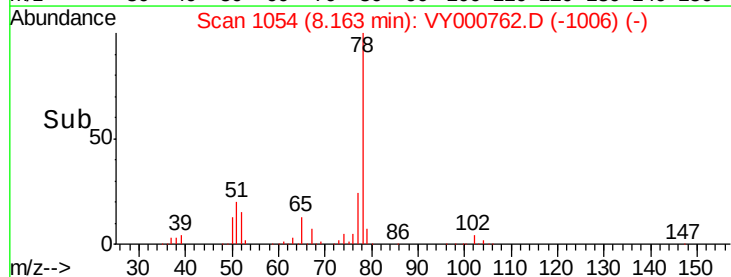
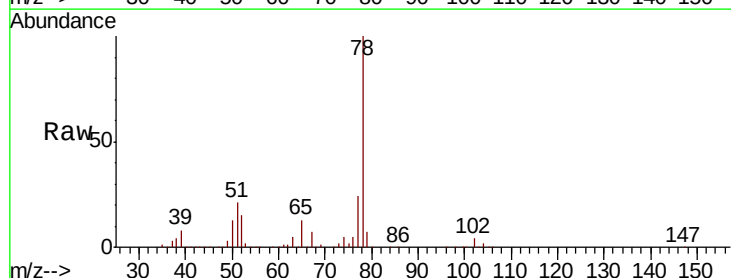
Instrument :
MSVOA_Y
ClientSampled :

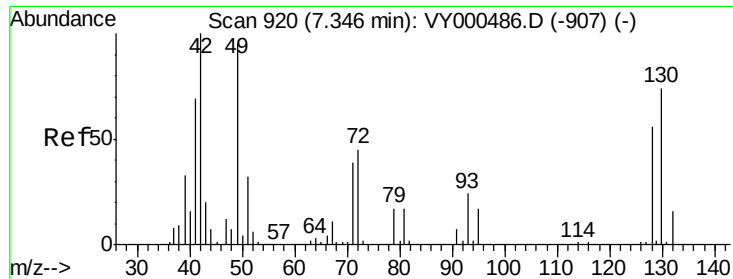
Tot Ion: 83 Resp: 374098
Ion Ratio Lower Upper
83 100
55 70.4 57.5 86.3
98 45.0 38.0 57.0



#40
Benzene
Concen: 51.062 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion: 78 Resp: 855963
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0





#41

Methacrylonitrile

Concen: 113.616 ug/l

RT: 7.35 min Scan# 921

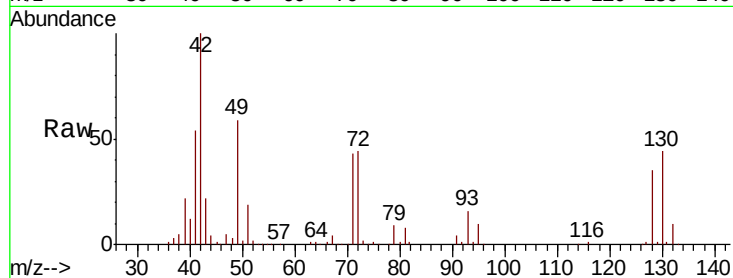
Delta R.T. 0.01 min

Lab File: VY000762.D

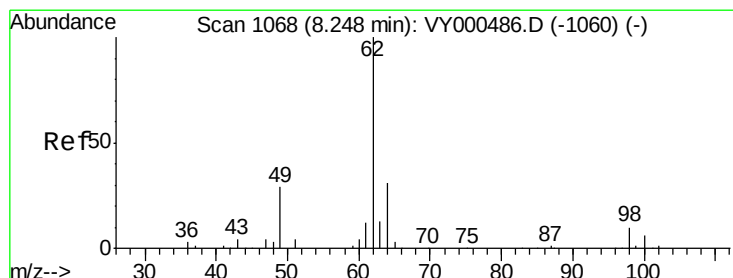
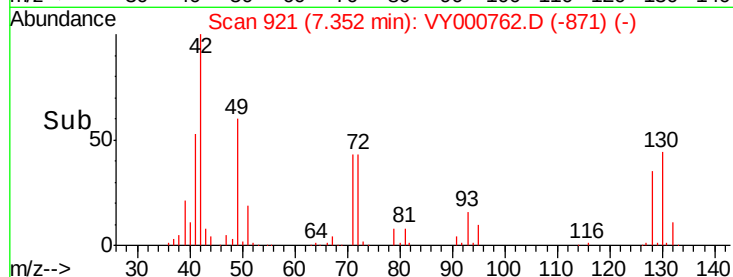
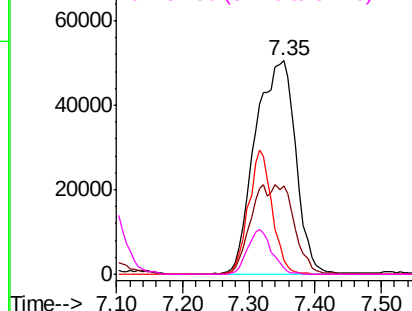
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	41	Resp:	215160
Ion	Ratio	Lower	Upper
41	100		
39	0.0	68.2	102.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



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



#42

1,2-Dichloroethane

Concen: 45.805 ug/l

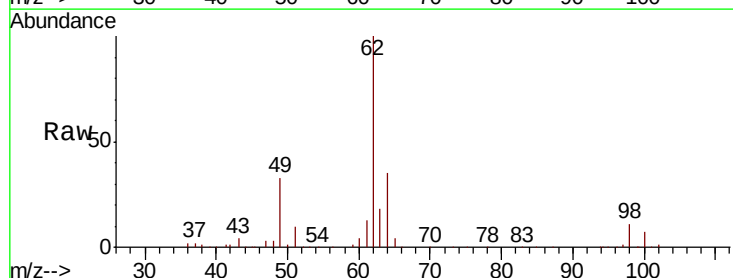
RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

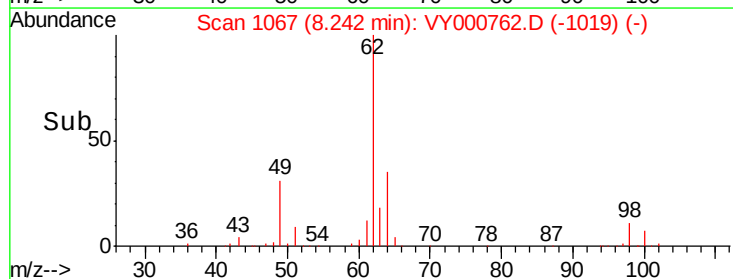
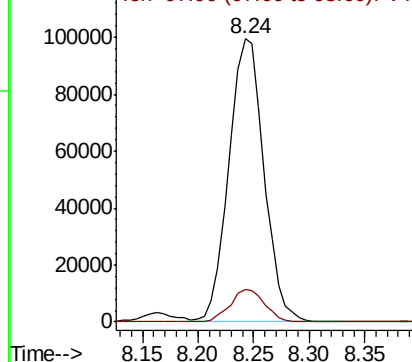
Lab File: VY000762.D

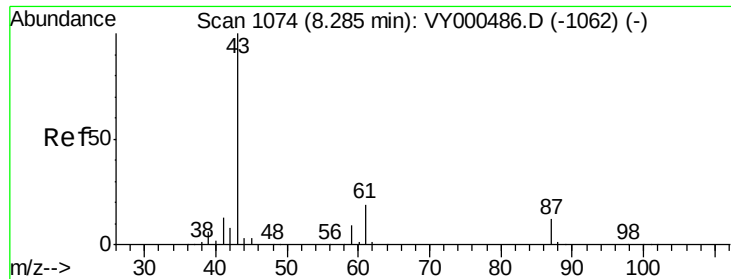
Acq: 21 Nov 2019 12:40

Tgt Ion:	62	Resp:	217778
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	19.2



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

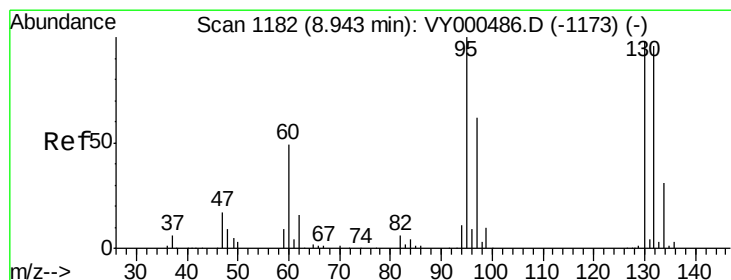
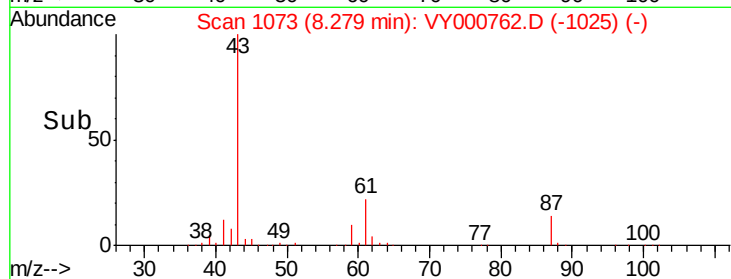
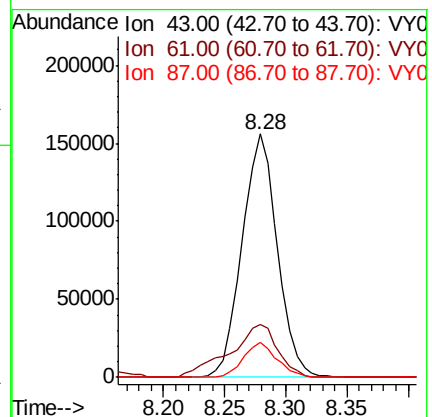
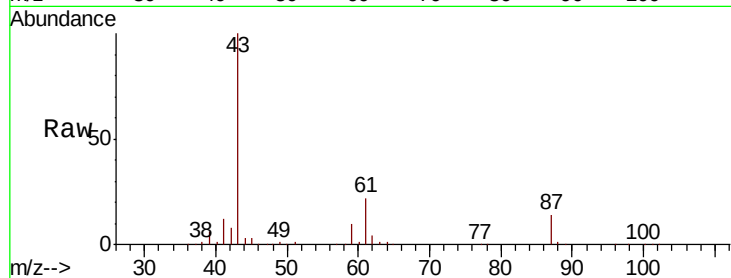




#43
Isopropyl Acetate
Concen: 48.949 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

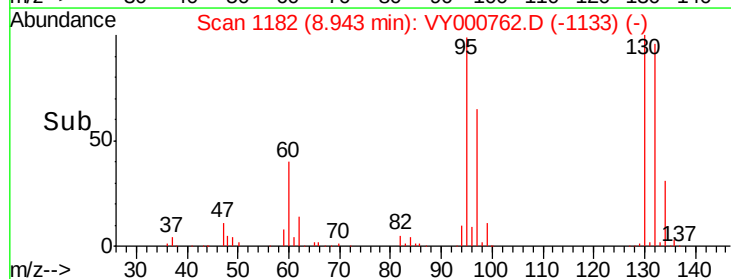
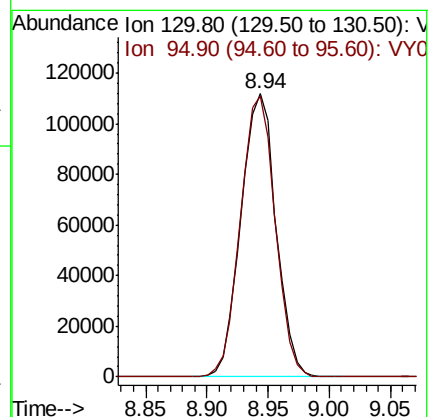
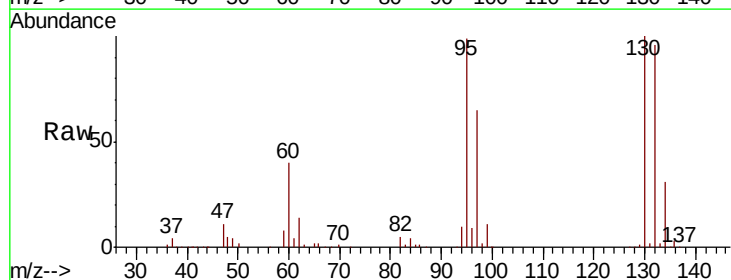
Instrument :
MSVOA_Y
ClientSampleId :

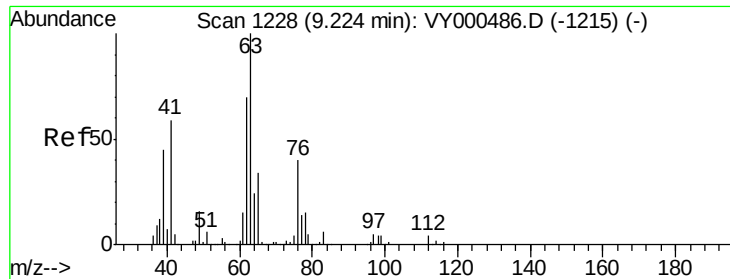
Tot Ion: 43 Resp: 312139
Ion Ratio Lower Upper
43 100
61 29.6 23.0 34.4
87 13.8 10.5 15.7



#44
Trichloroethene
Concen: 50.273 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion:130 Resp: 222196
Ion Ratio Lower Upper
130 100
95 99.1 0.0 203.2

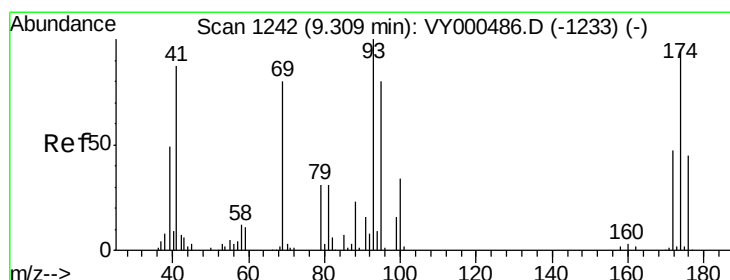
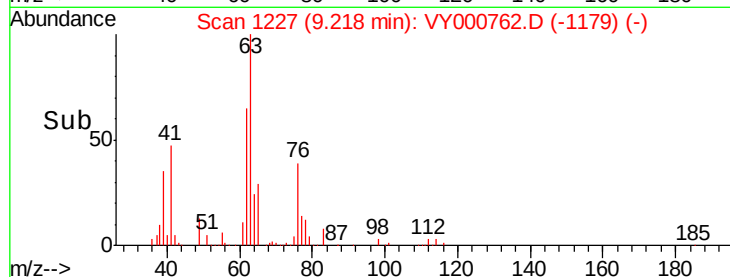
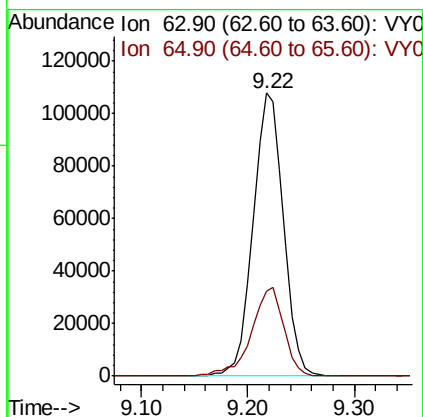
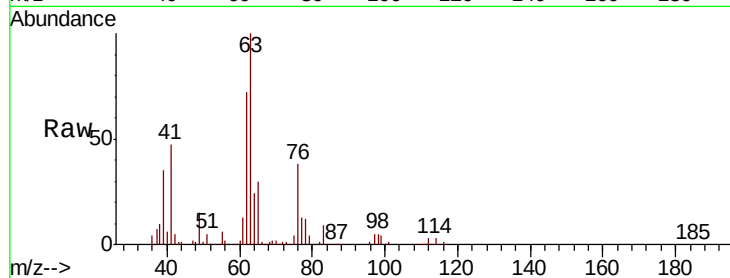




#45
 1,2-Dichloropropane
 Concen: 52.091 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

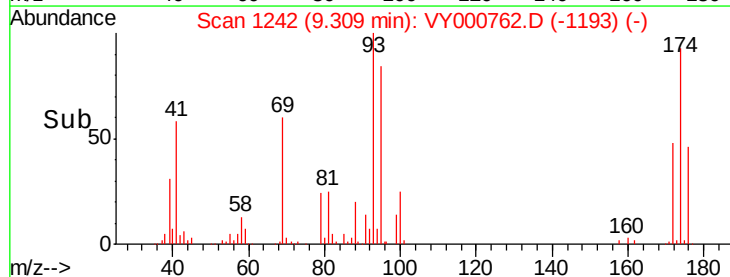
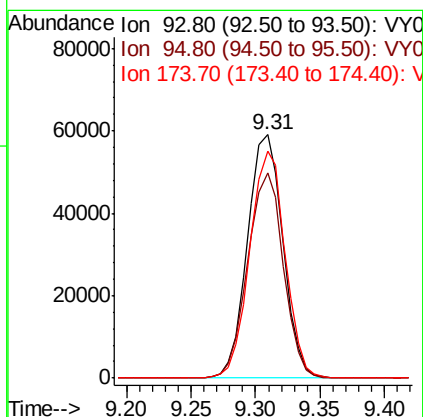
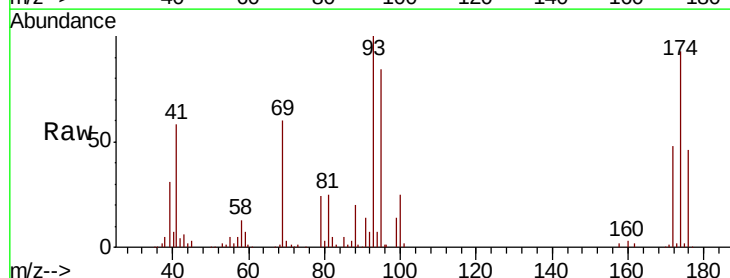
Instrument :
 MSVOA_Y
 ClientSampleId :

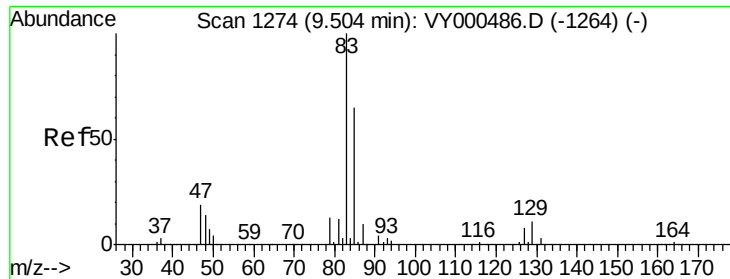
Tot Ion: 63 Resp: 214912
 Ion Ratio Lower Upper
 63 100
 65 30.0 27.0 40.4



#46
 Dibromomethane
 Concen: 49.501 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion: 93 Resp: 112317
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.4 99.6
 174 92.8 77.1 115.7





#47

Bromodichloromethane

Concen: 50.281 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

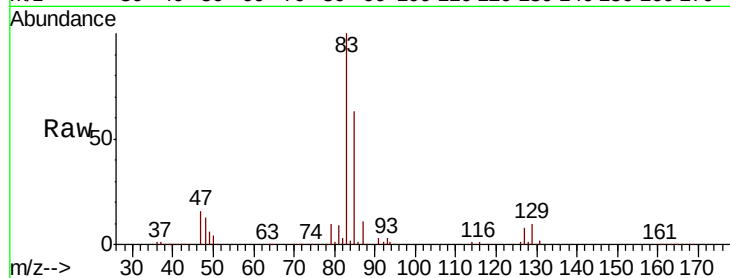
Tot Ion: 83 Resp: 270704

Ion Ratio Lower Upper

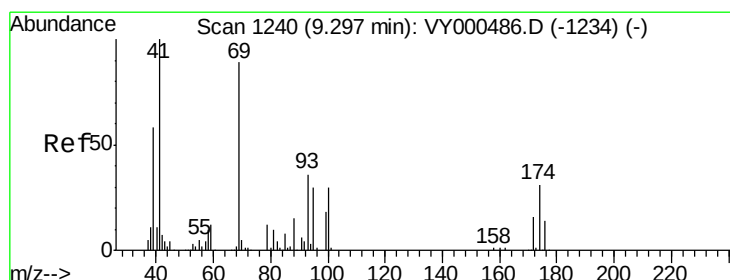
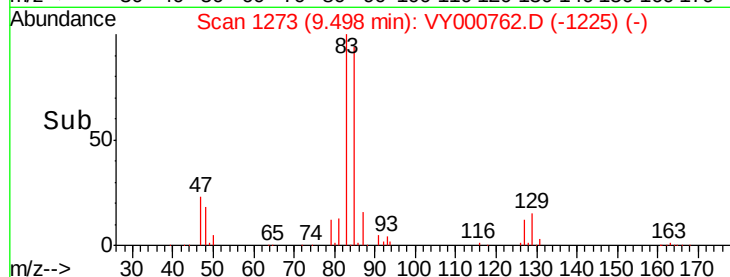
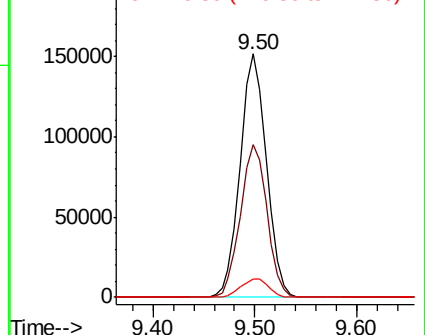
83 100

85 62.8 51.8 77.8

127 7.7 6.7 10.1



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



#48

Methyl methacrylate

Concen: 48.485 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

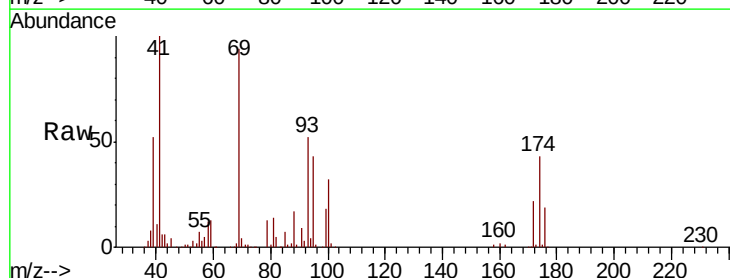
Tgt Ion: 41 Resp: 135090

Ion Ratio Lower Upper

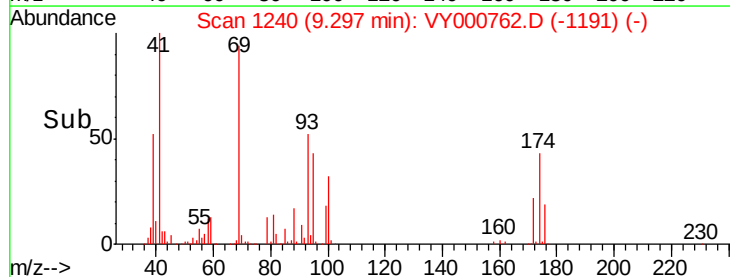
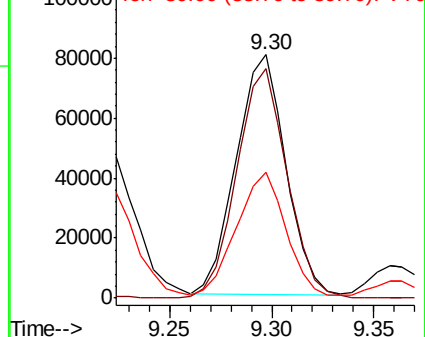
41 100

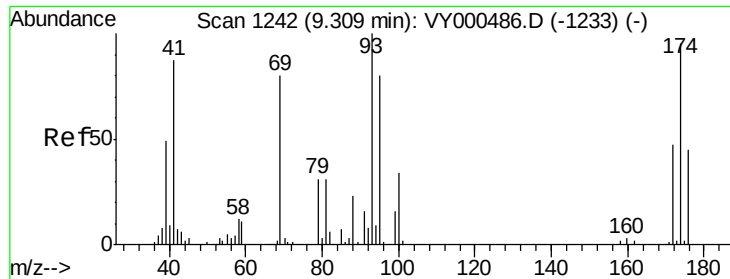
69 97.2 72.5 108.7

39 53.2 47.8 71.8



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

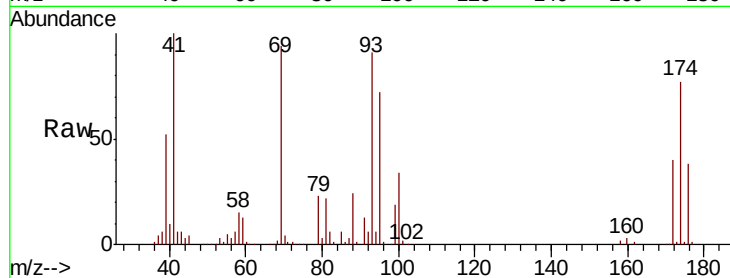




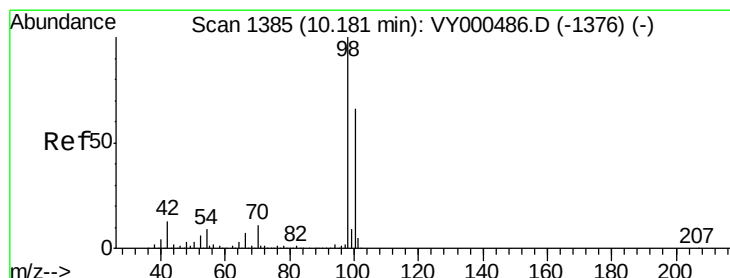
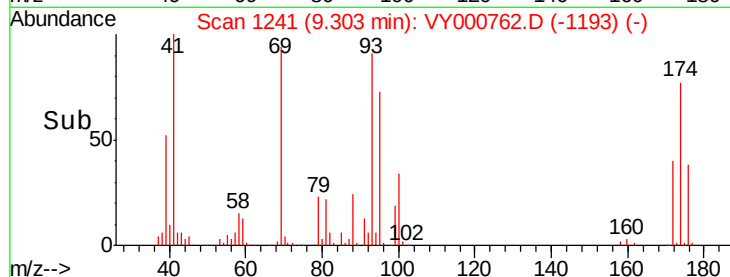
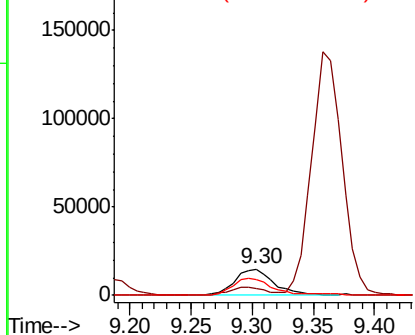
#49
 1,4-Dioxane
 Concen: 1082.580 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 88 Resp: 33059
 Ion Ratio Lower Upper
 88 100
 43 27.2 25.1 37.7
 58 65.6 50.6 75.8

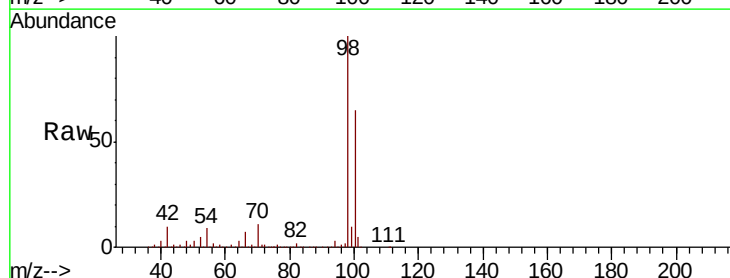


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

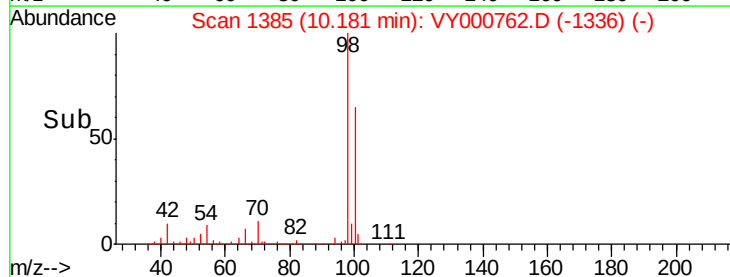
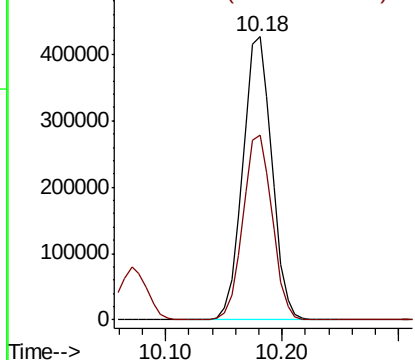


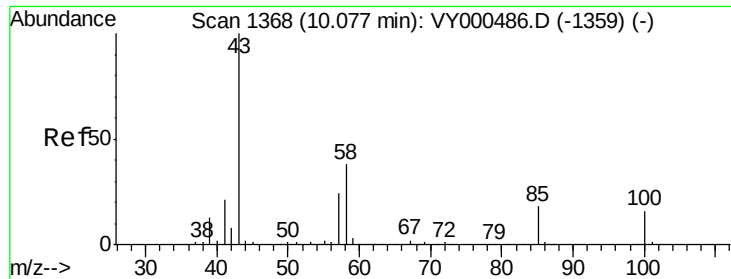
#50
 Toluene-d8
 Concen: 55.190 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion: 98 Resp: 743590
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.9 79.3



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

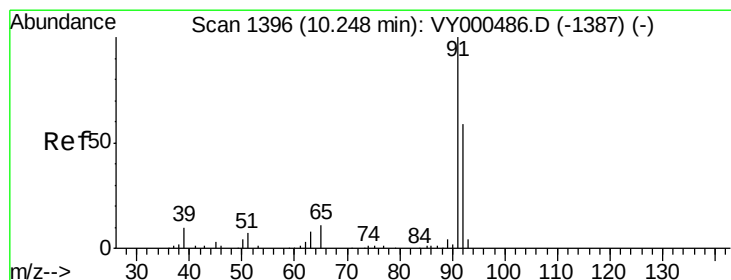
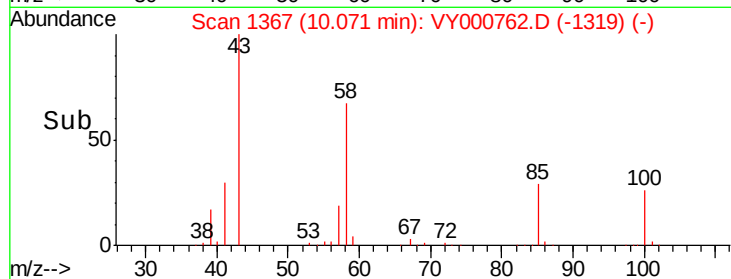
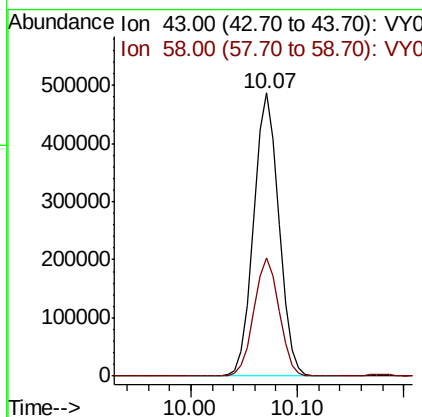
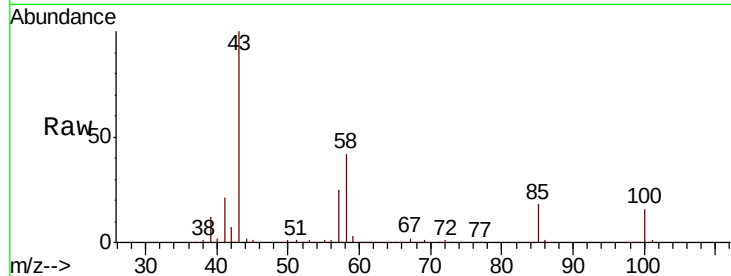




#51
4-Methyl-2-Pentanone
Concen: 238.929 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

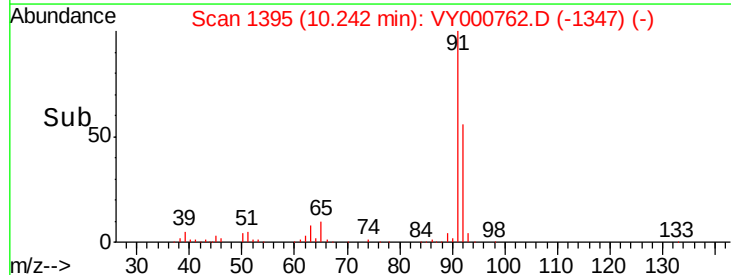
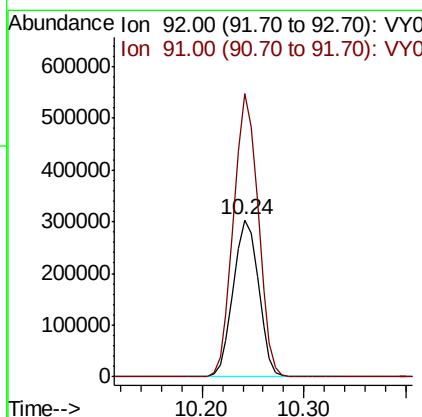
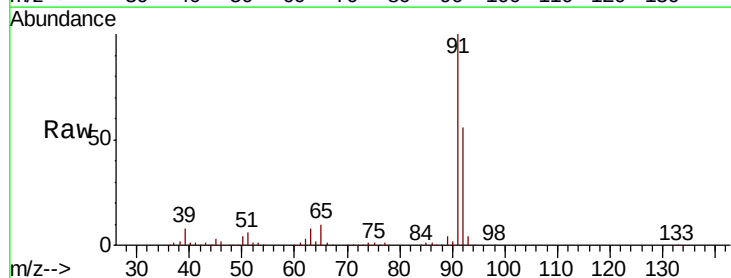
Instrument :
MSVOA_Y
ClientSampled :

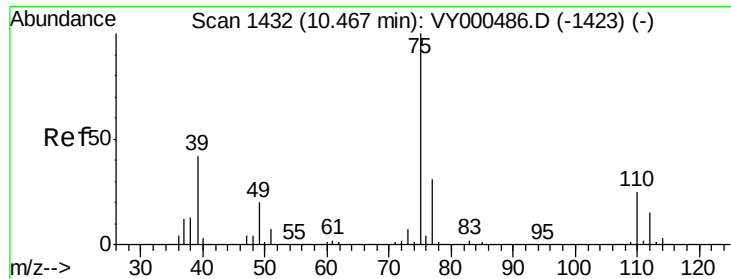
Tot Ion: 43 Resp: 810072
Ion Ratio Lower Upper
43 100
58 42.0 30.2 45.4



#52
Toluene
Concen: 49.213 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion: 92 Resp: 521567
Ion Ratio Lower Upper
92 100
91 175.4 136.3 204.5

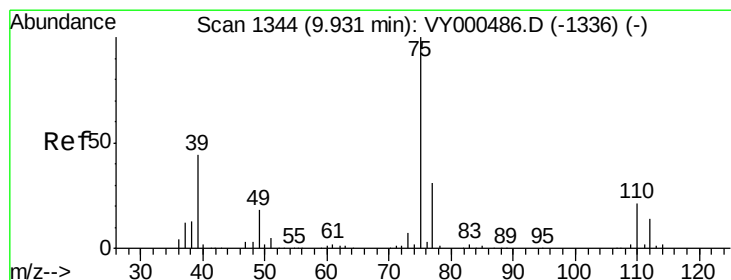
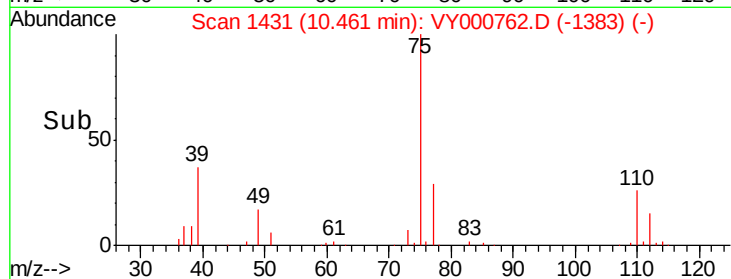
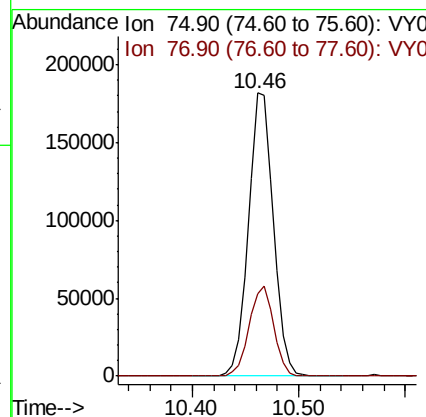
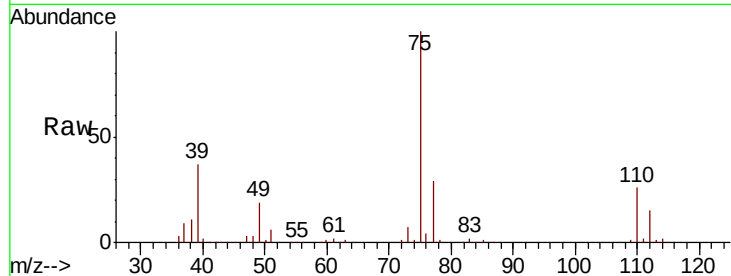




#53
 t-1,3-Dichloropropene
 Concen: 52.045 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

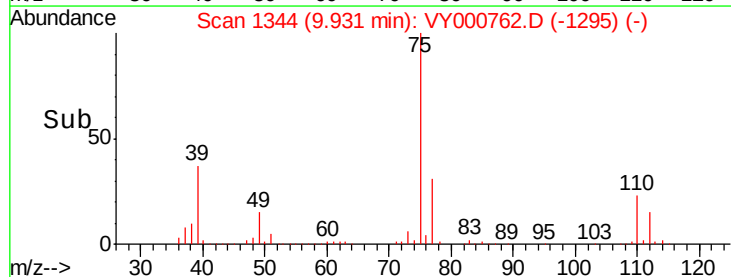
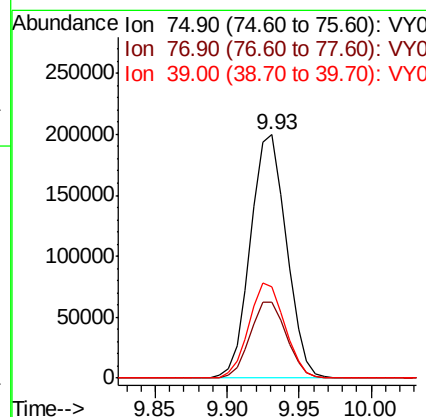
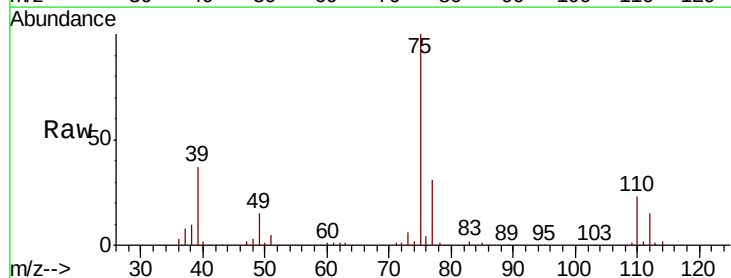
Instrument :
 MSVOA_Y
 ClientSampleId :

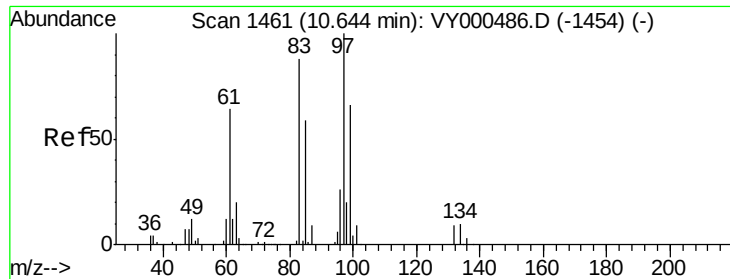
Tot Ion: 75 Resp: 299398
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.377 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion: 75 Resp: 345179
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.5 36.7
 39 37.4 35.4 53.2

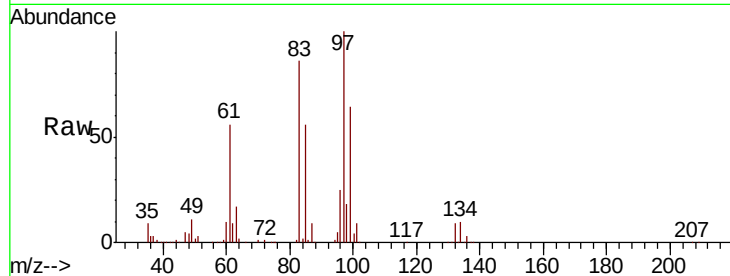




#55
 1,1,2-Trichloroethane
 Concen: 51.133 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 167809
 Ion Ratio Lower Upper
 97 100
 83 86.6 70.2 105.4
 85 56.0 46.9 70.3
 99 63.8 52.6 78.8



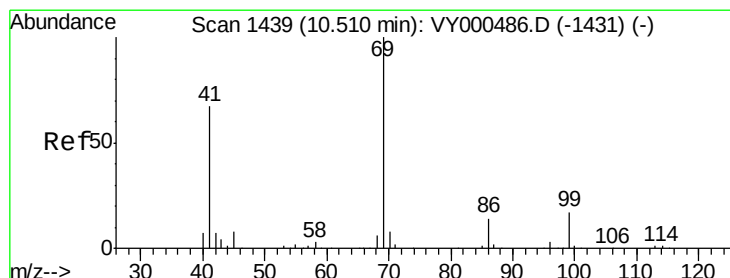
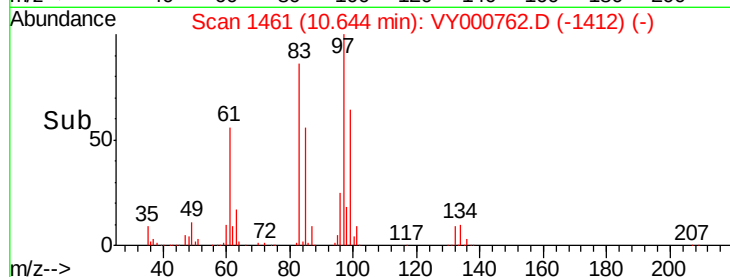
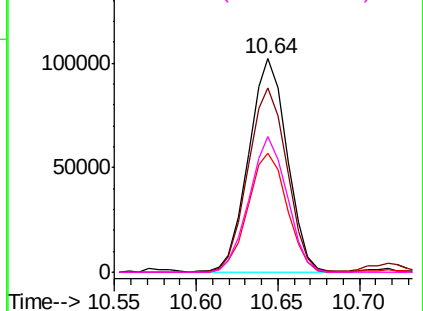
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

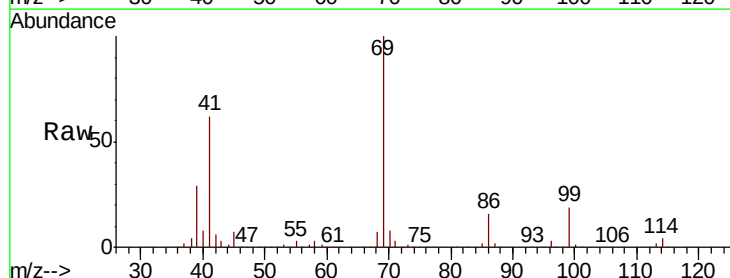
Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56
 Ethyl methacrylate
 Concen: 53.550 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion: 69 Resp: 249086
 Ion Ratio Lower Upper
 69 100
 41 60.4 53.3 79.9
 39 29.1 28.0 42.0

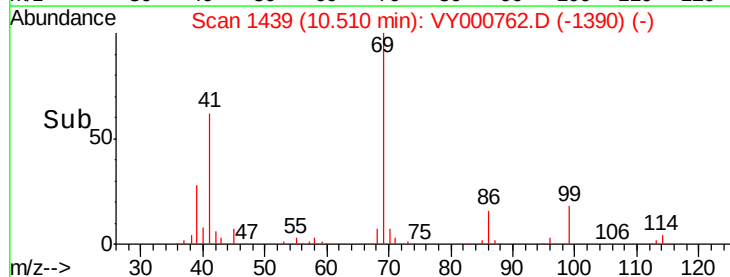
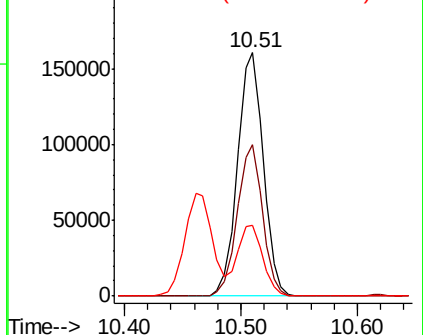


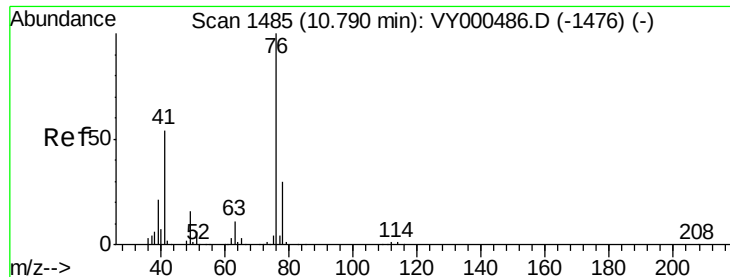
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 51.453 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

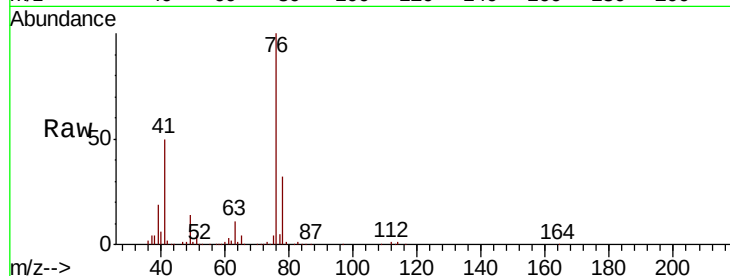
ClientSampled :

Tot Ion: 76 Resp: 295543

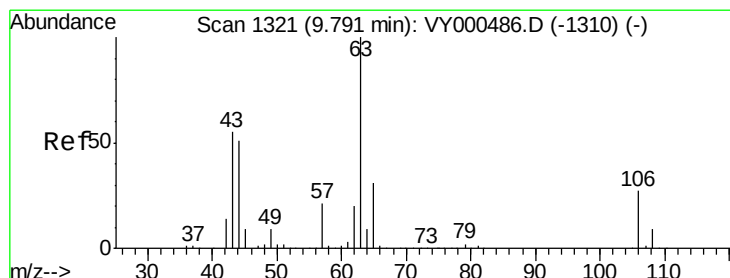
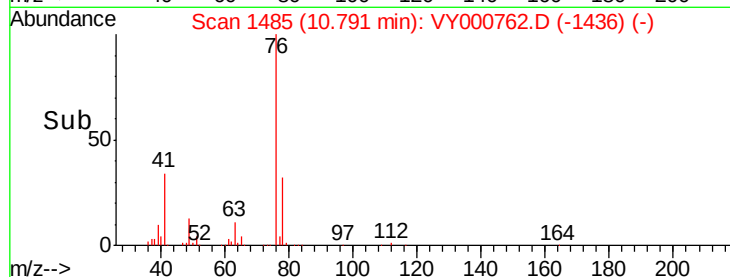
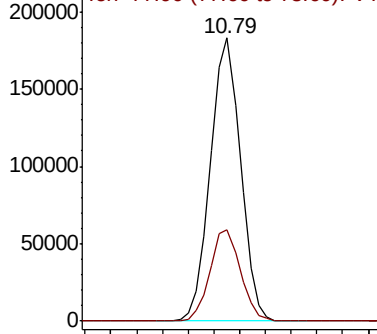
Ion Ratio Lower Upper

76 100

78 32.6 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 273.269 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000762.D

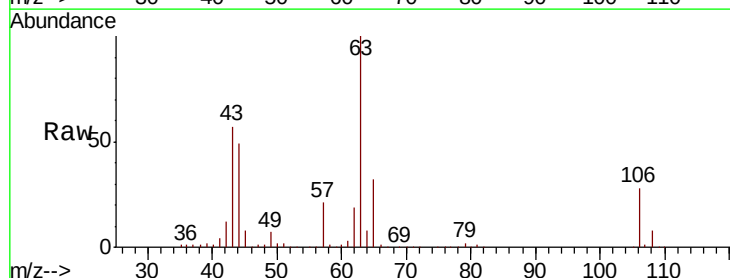
Acq: 21 Nov 2019 12:40

Tgt Ion: 63 Resp: 574648

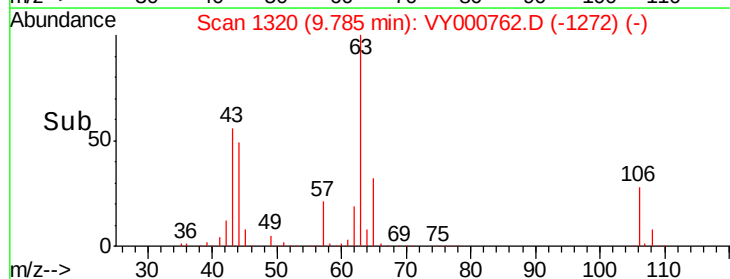
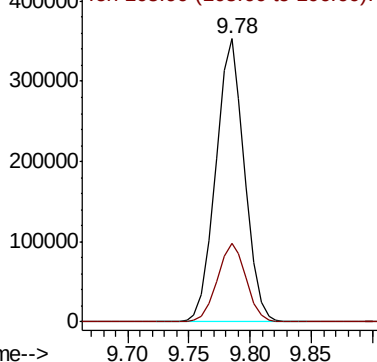
Ion Ratio Lower Upper

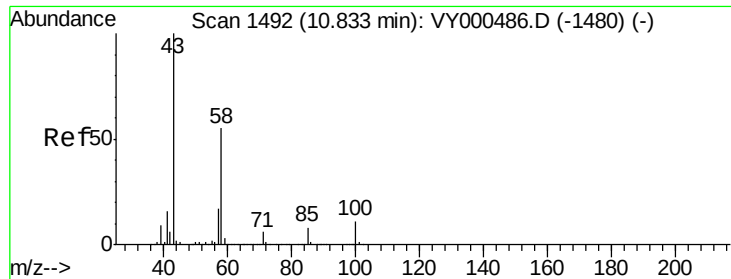
63 100

106 27.8 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 105.90 (105.60 to 106.60): V

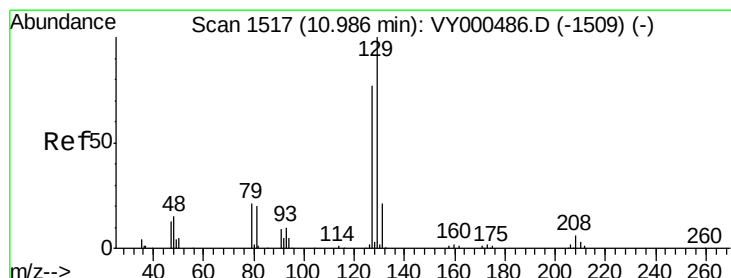
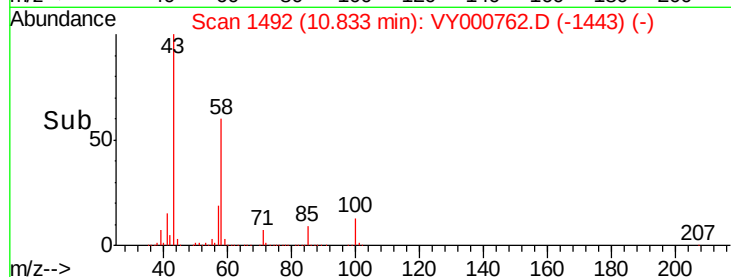
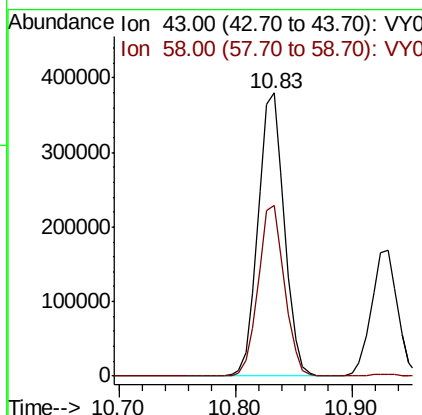
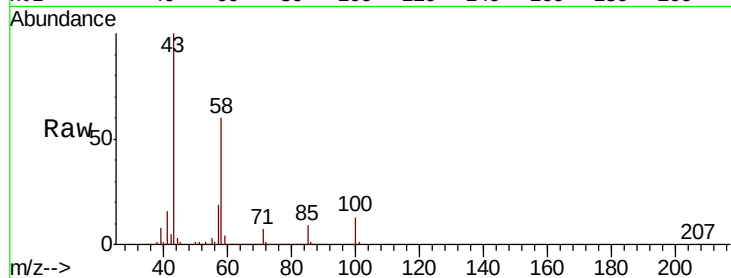




#59
2-Hexanone
Concen: 239.857 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

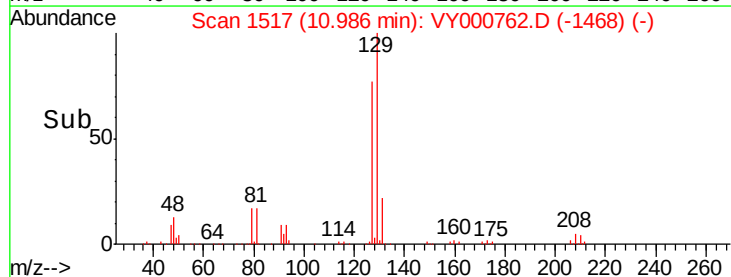
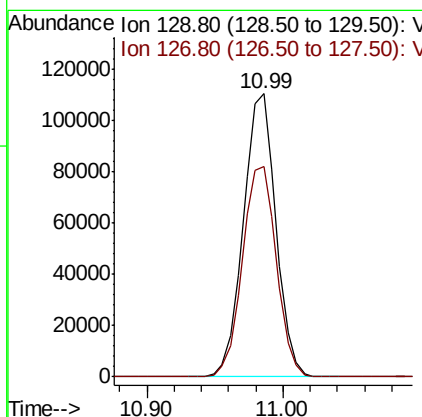
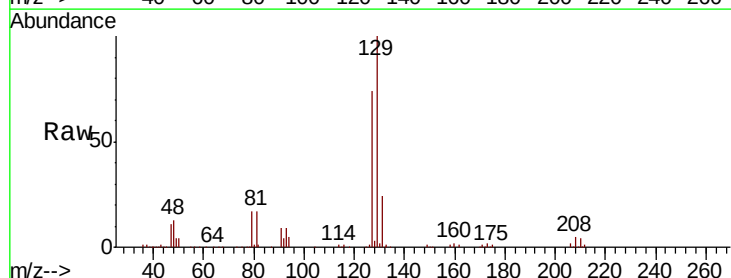
Instrument :
MSVOA_Y
ClientSampled :

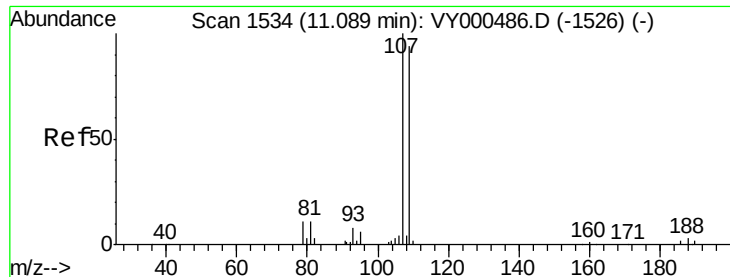
Tot Ion: 43 Resp: 592506
Ion Ratio Lower Upper
43 100
58 60.4 27.1 81.3



#60
Dibromochloromethane
Concen: 49.209 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion: 129 Resp: 184980
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.246 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

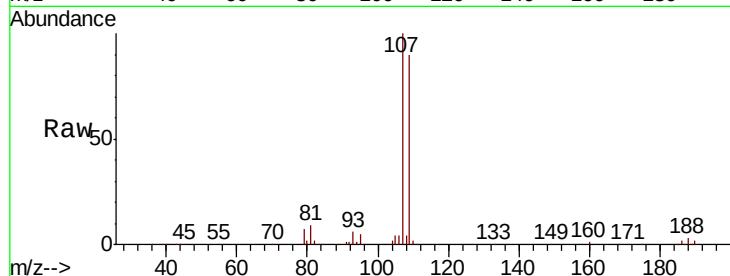
ClientSampled :

Tot Ion: 107 Resp: 161705

Ion Ratio Lower Upper

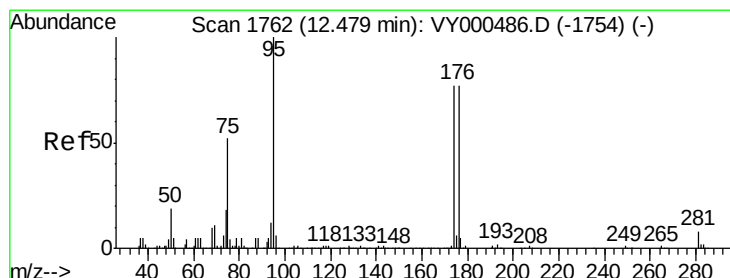
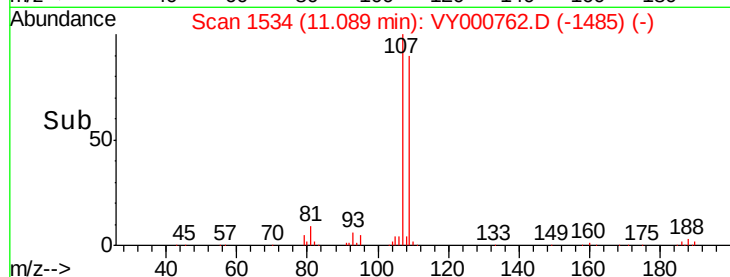
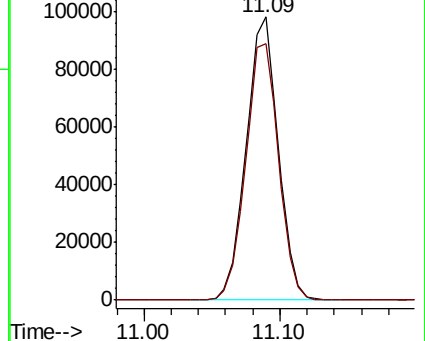
107 100

109 93.3 73.6 110.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.640 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

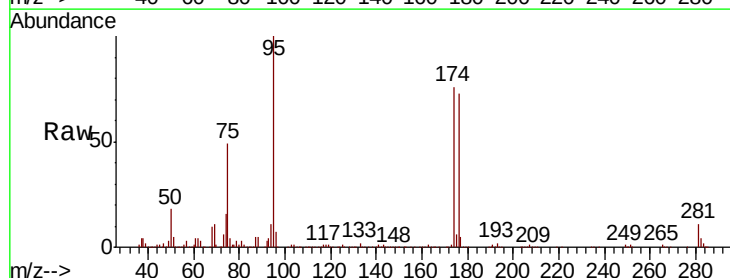
Tgt Ion: 95 Resp: 259742

Ion Ratio Lower Upper

95 100

174 76.2 0.0 161.6

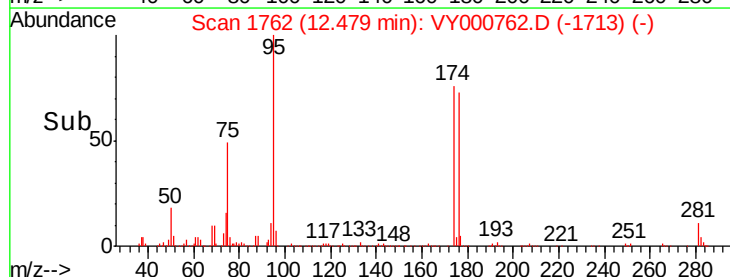
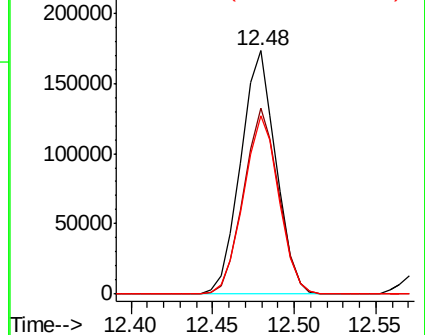
176 74.0 0.0 157.8

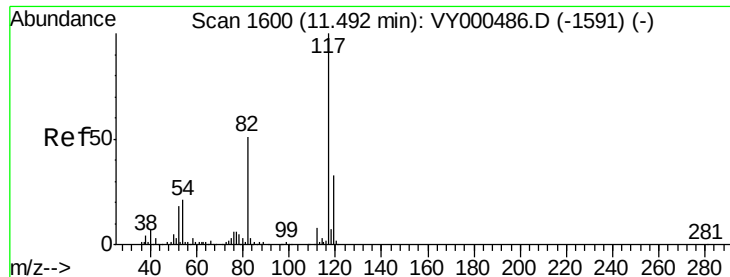


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

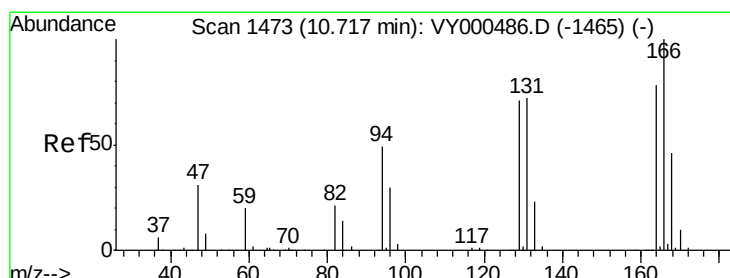
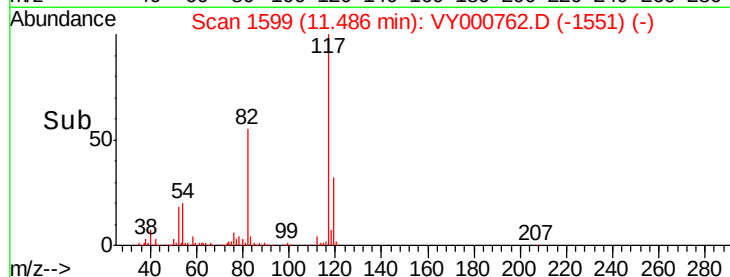
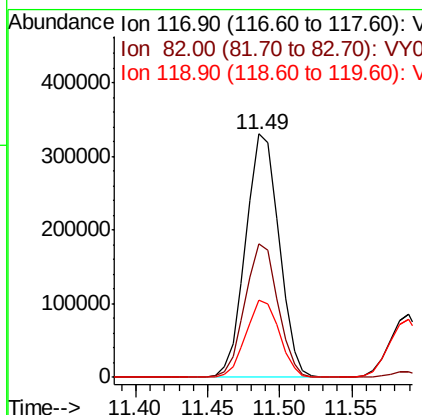
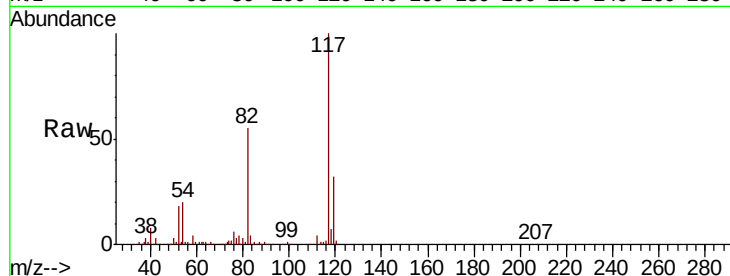




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

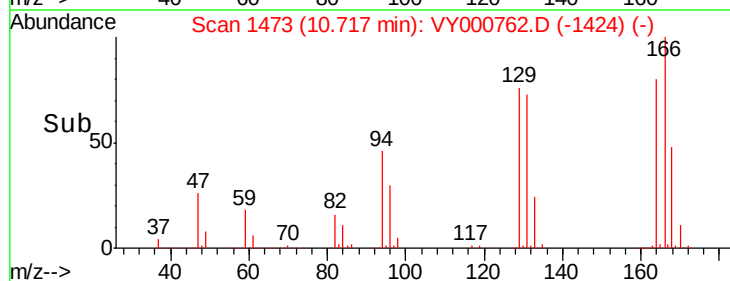
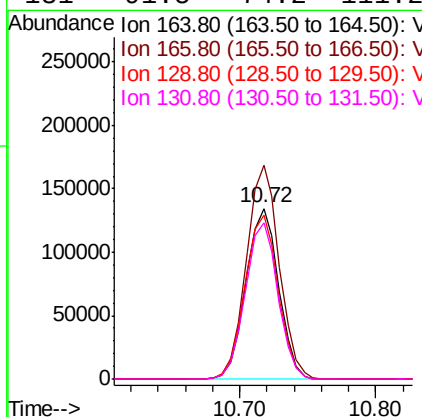
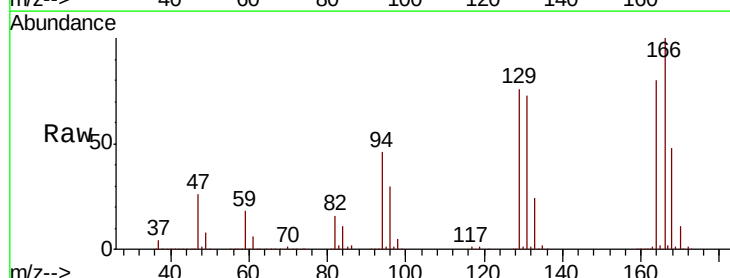
Instrument :
MSVOA_Y
ClientSampled :

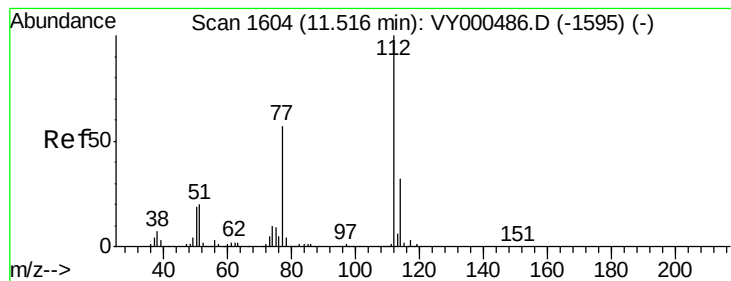
Tot Ion:117 Resp: 530085
Ion Ratio Lower Upper
117 100
82 54.8 40.8 61.2
119 31.7 26.2 39.2



#64
Tetrachloroethene
Concen: 51.703 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion:164 Resp: 226621
Ion Ratio Lower Upper
164 100
166 125.0 102.7 154.1
129 95.5 73.2 109.8
131 91.5 74.2 111.2





#65

Chlorobenzene

Concen: 51.277 ug/l

RT: 11.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

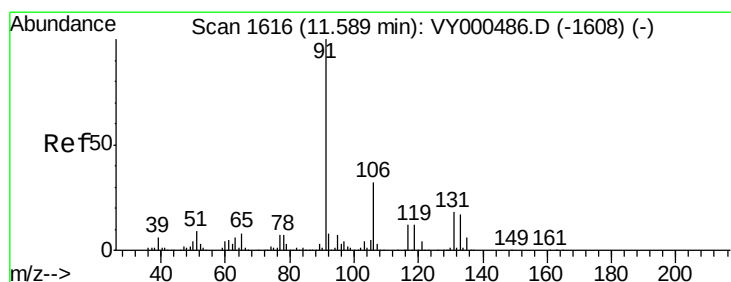
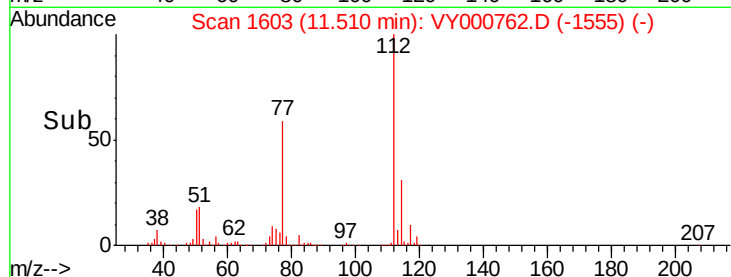
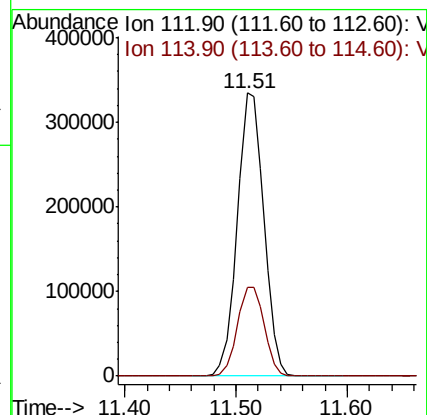
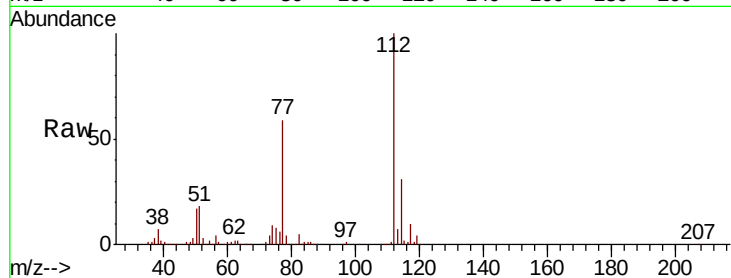
ClientSampleId :

Tot Ion:112 Resp: 551095

Ion Ratio Lower Upper

112 100

114 31.4 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 51.910 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

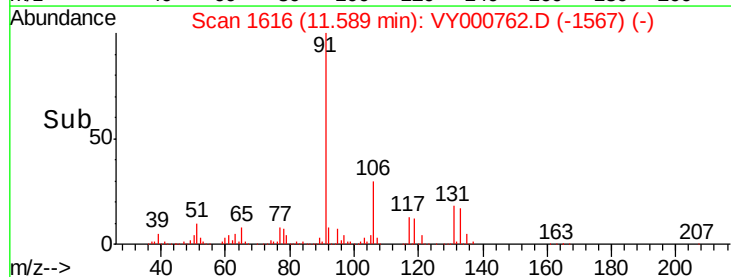
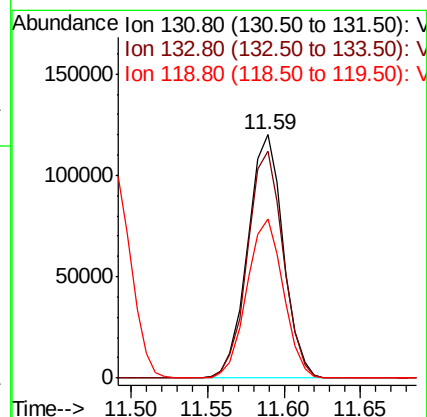
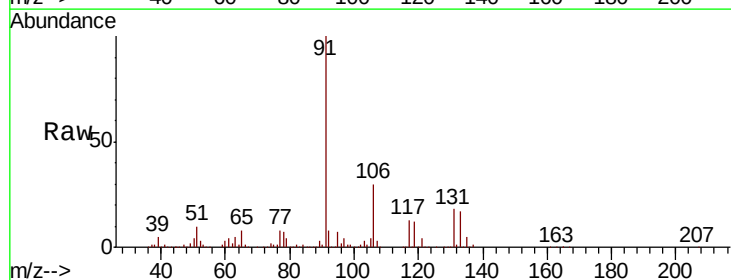
Tgt Ion:131 Resp: 193488

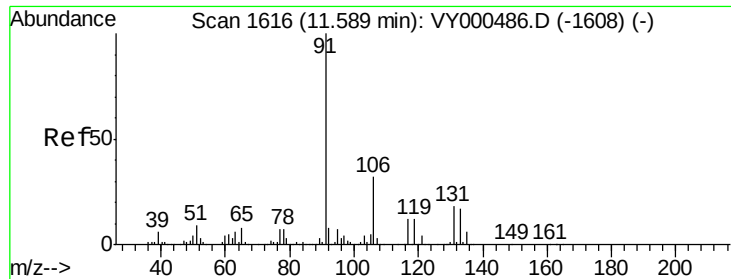
Ion Ratio Lower Upper

131 100

133 93.9 47.9 143.8

119 67.2 33.1 99.3

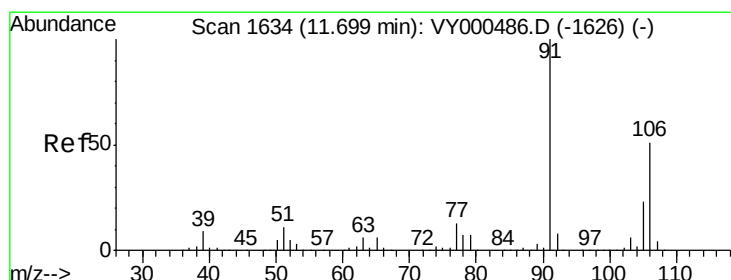
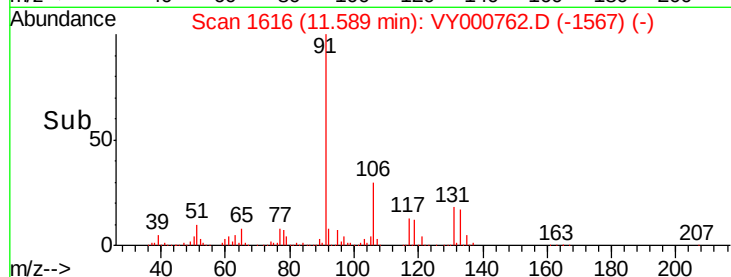
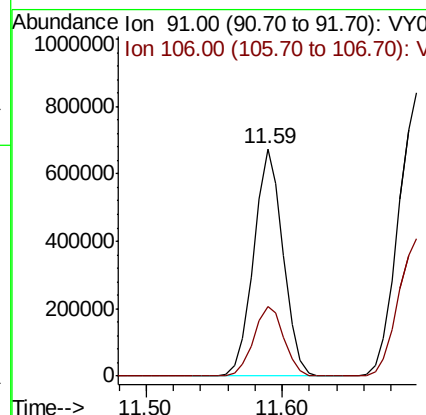
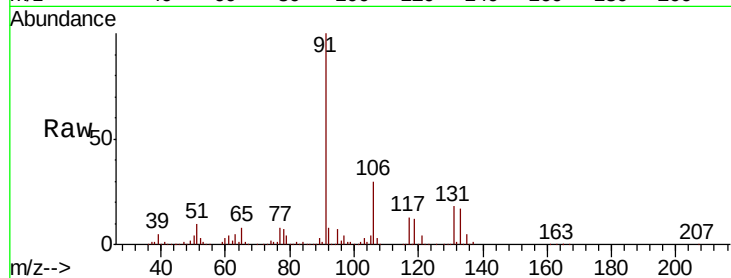




#67
Ethyl Benzene
Concen: 51.556 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

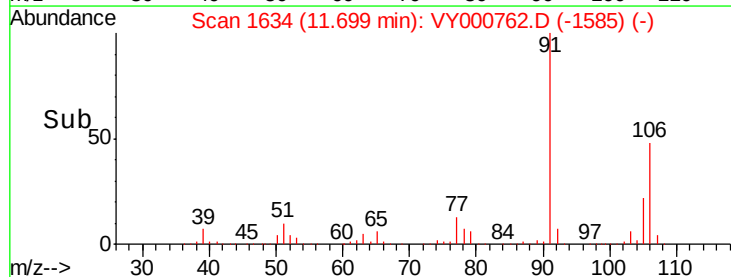
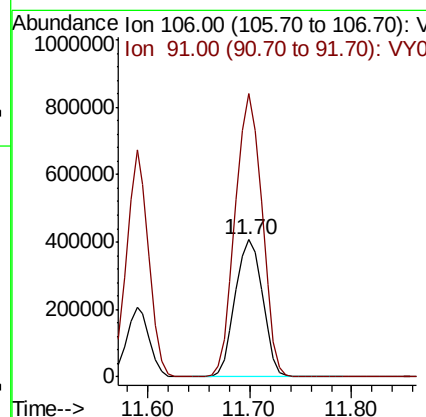
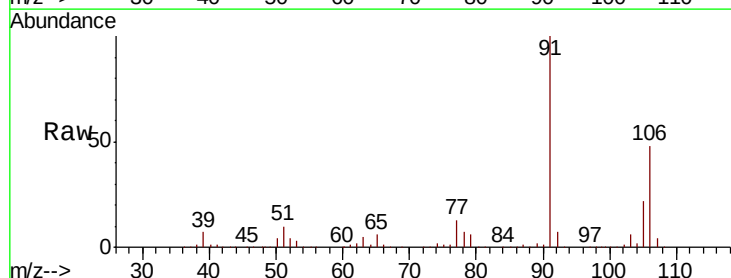
Instrument :
MSVOA_Y
ClientSampled :

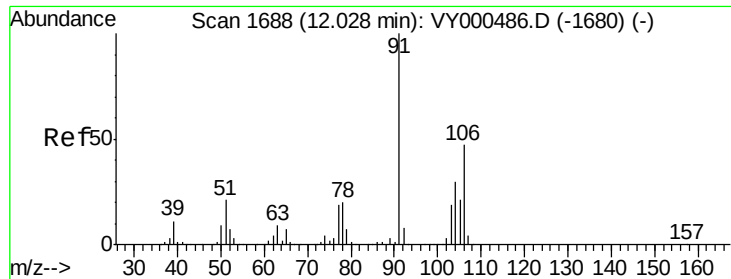
Tot Ion: 91 Resp: 1019777
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.0



#68
m/p-Xylenes
Concen: 99.314 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion: 106 Resp: 760311
Ion Ratio Lower Upper
106 100
91 201.7 155.9 233.9

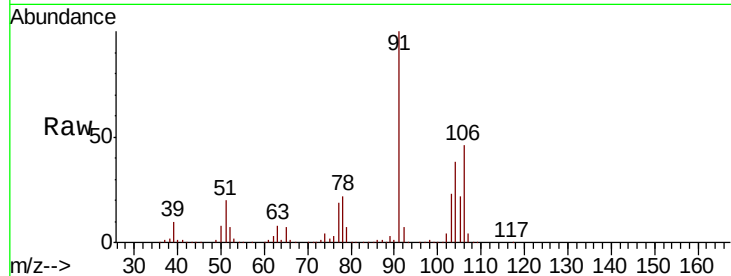




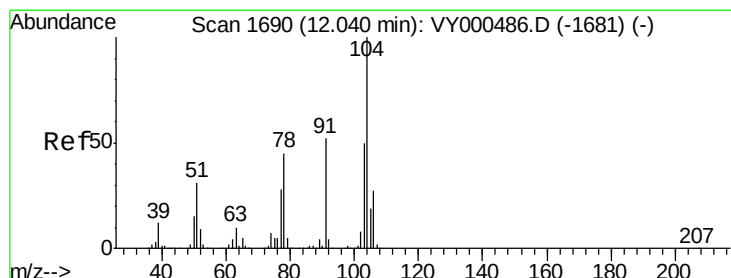
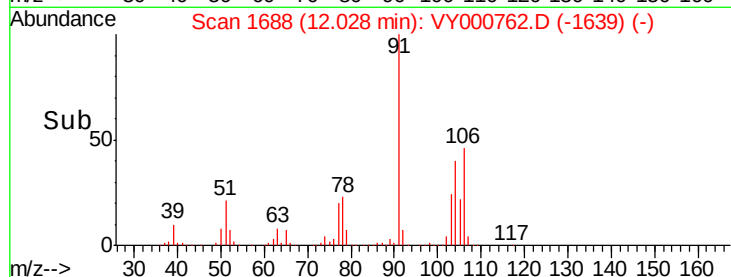
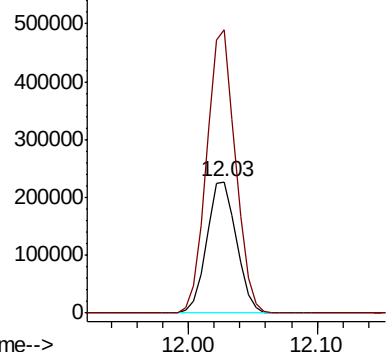
#69
o-Xylene
Concen: 50.625 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 364244
Ion Ratio Lower Upper
106 100
91 208.9 106.5 319.6

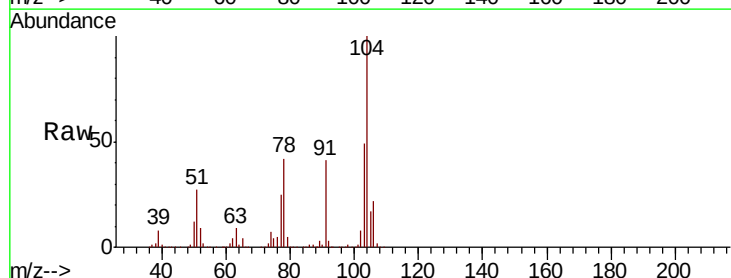


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

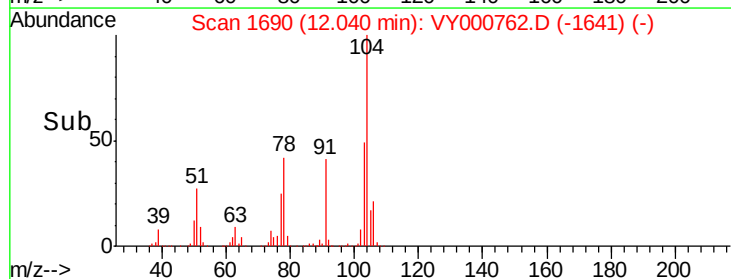
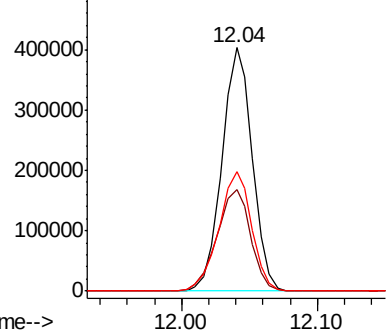


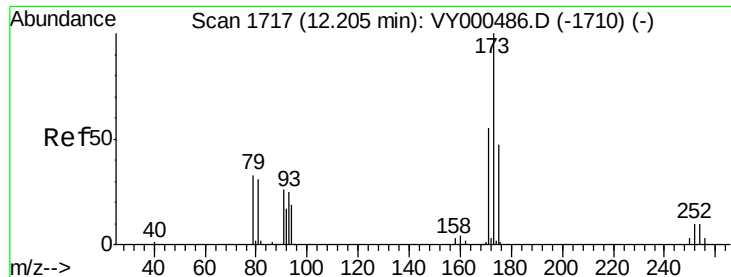
#70
Styrene
Concen: 51.059 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion:104 Resp: 629071
Ion Ratio Lower Upper
104 100
78 46.6 39.0 58.4
103 53.0 42.5 63.7



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





#71

Bromoform

Concen: 51.264 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

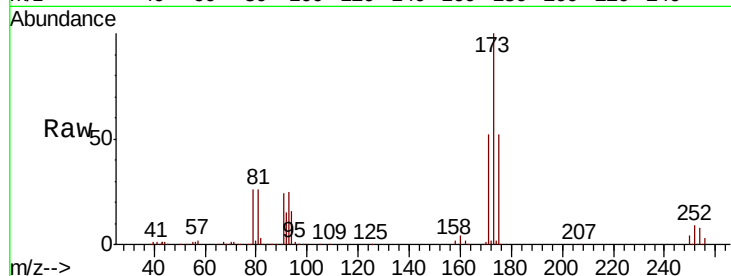
Tot Ion:173 Resp: 109903

Ion Ratio Lower Upper

173 100

175 47.7 24.4 73.2

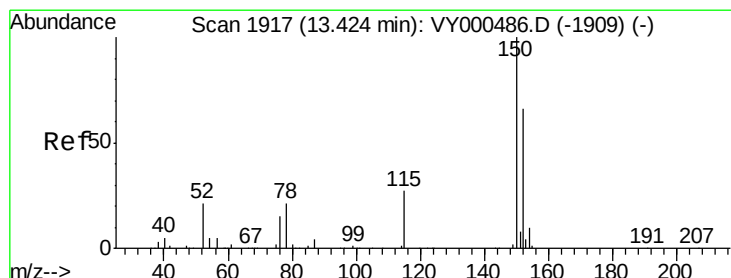
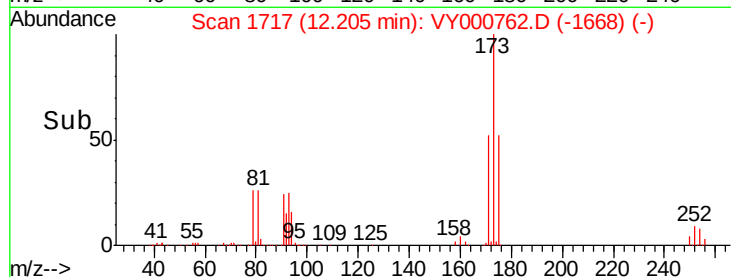
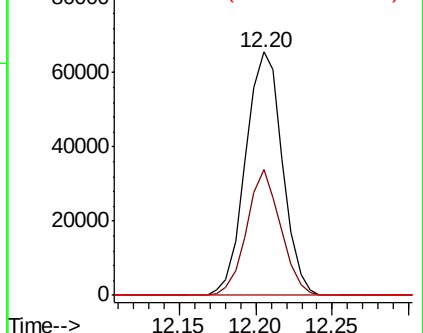
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

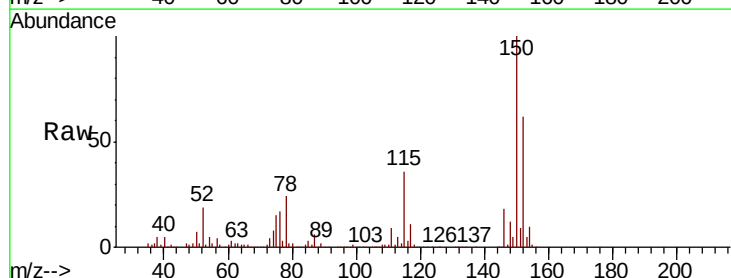
Tgt Ion:152 Resp: 245539

Ion Ratio Lower Upper

152 100

115 59.5 29.1 87.4

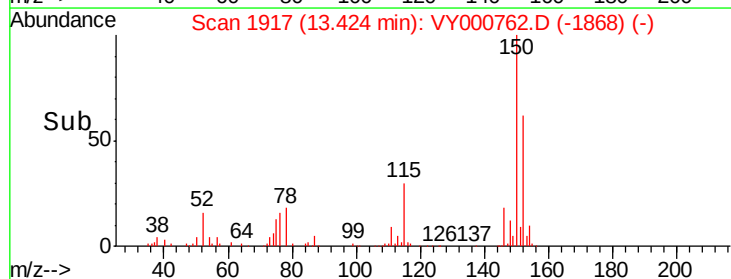
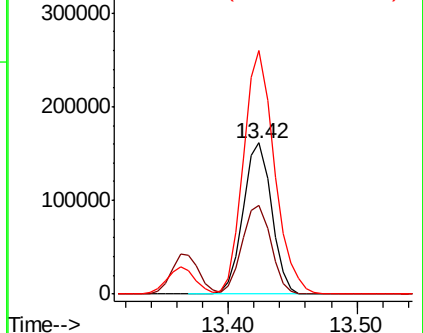
150 175.3 0.0 348.8

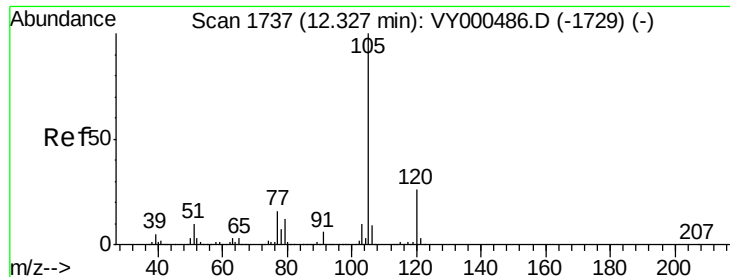


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.015 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

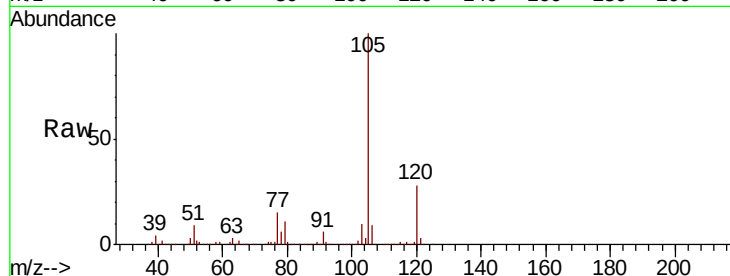
ClientSampleId :

Tot Ion:105 Resp: 980225

Ion Ratio Lower Upper

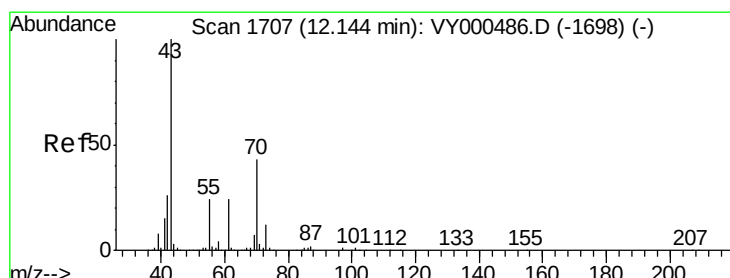
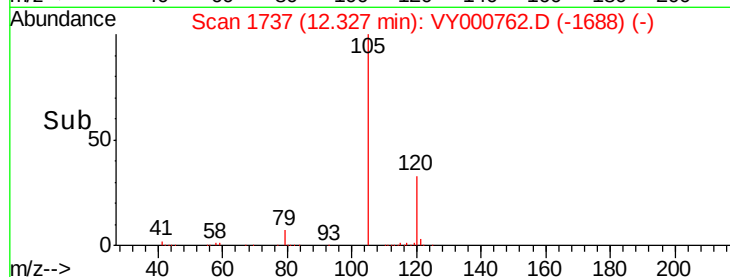
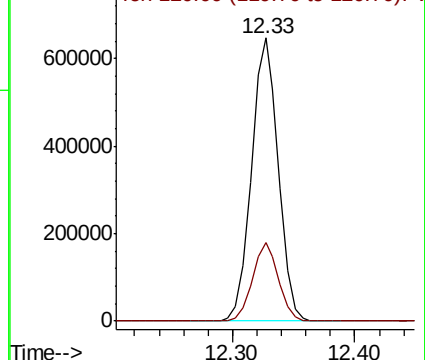
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.845 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Tgt Ion: 43 Resp: 264258

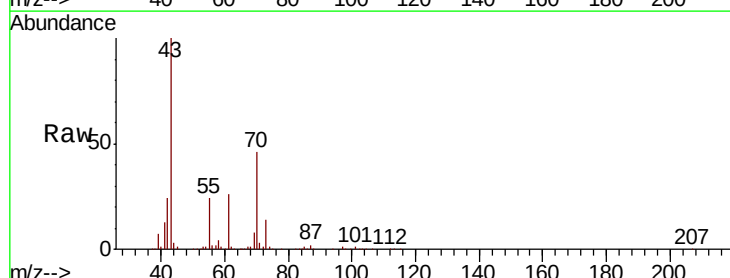
Ion Ratio Lower Upper

43 100

70 47.1 33.1 49.7

55 23.8 18.0 27.0

61 26.2 19.1 28.7

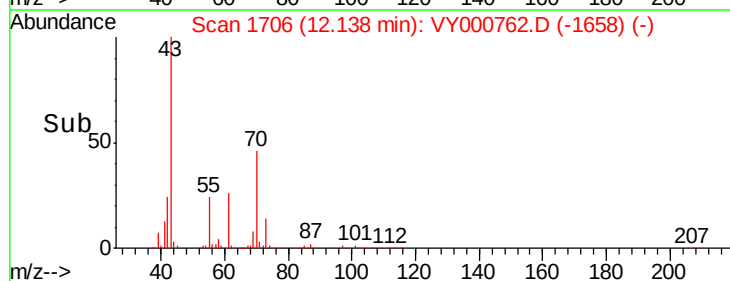
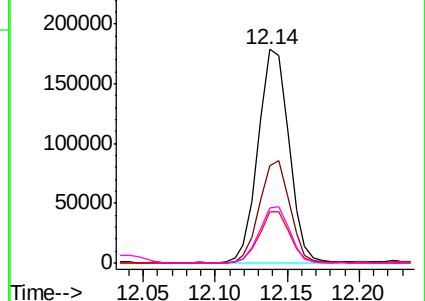


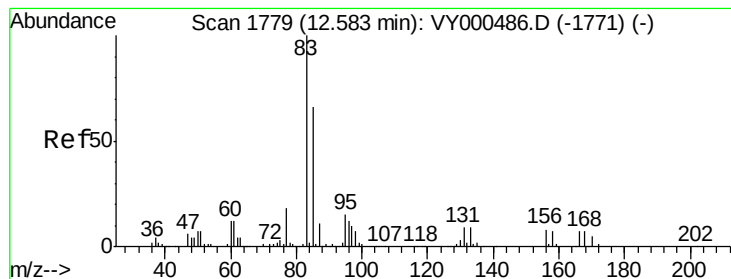
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.219 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampled :

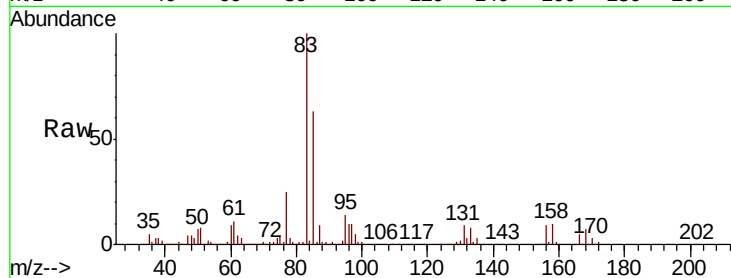
Tot Ion: 83 Resp: 194819

Ion Ratio Lower Upper

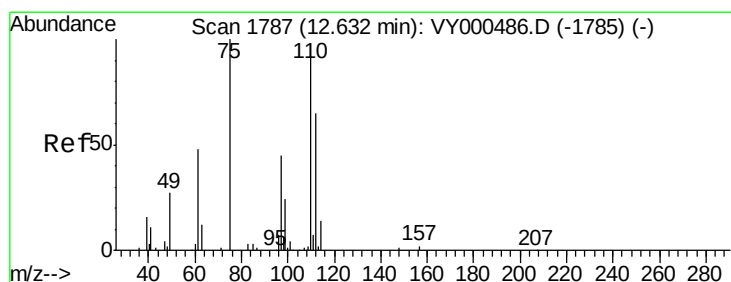
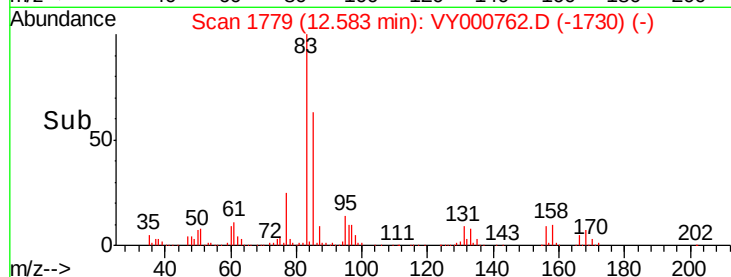
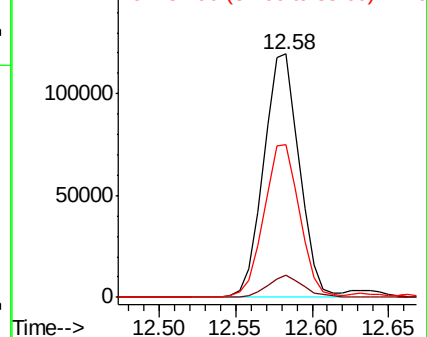
83 100

131 9.2 5.0 14.9

85 62.8 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 96.834 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000762.D

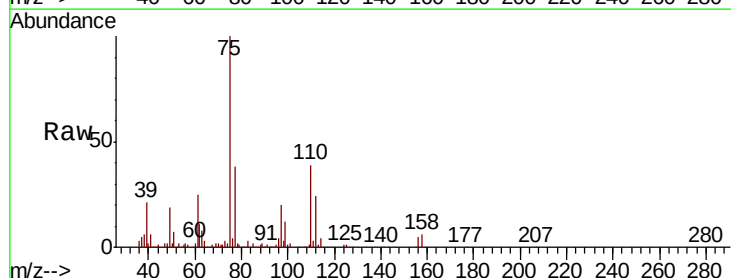
Acq: 21 Nov 2019 12:40

Tgt Ion: 75 Resp: 270727

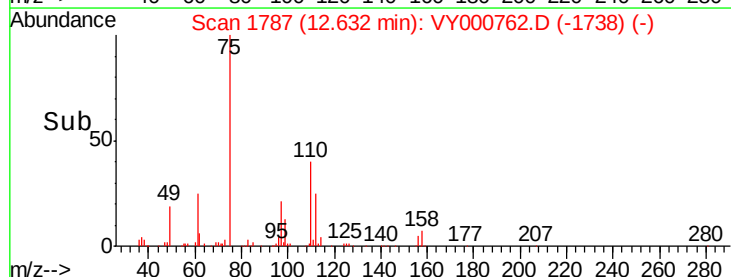
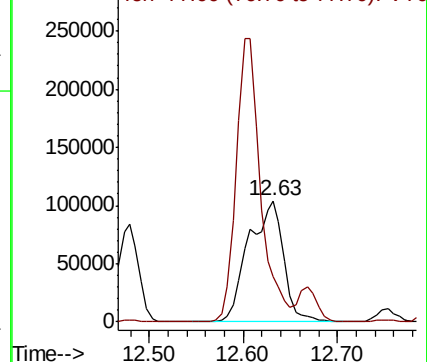
Ion Ratio Lower Upper

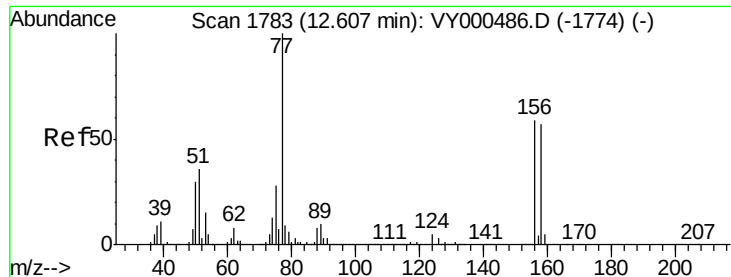
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 51.928 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampled :

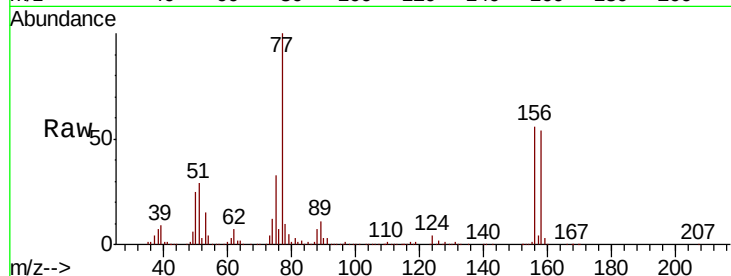
Tot Ion:156 Resp: 213697

Ion Ratio Lower Upper

156 100

77 205.7 98.2 294.4

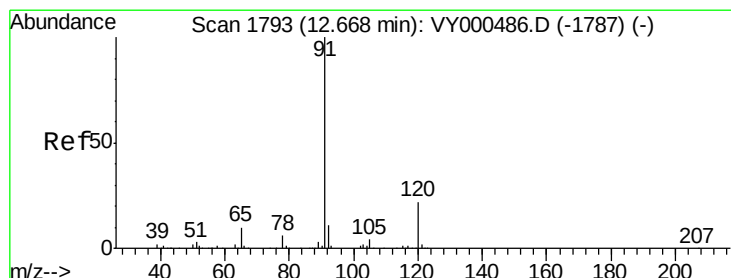
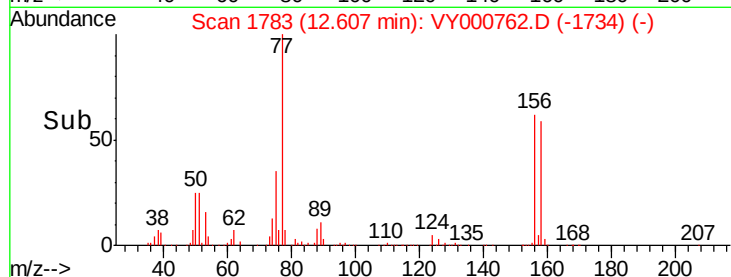
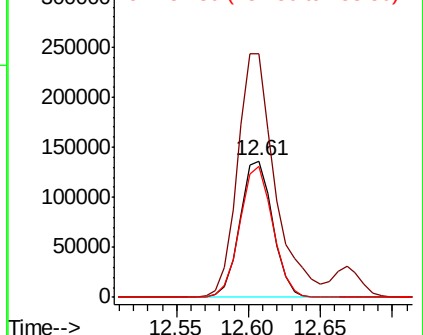
158 96.9 49.6 149.0



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: 54.825 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000762.D

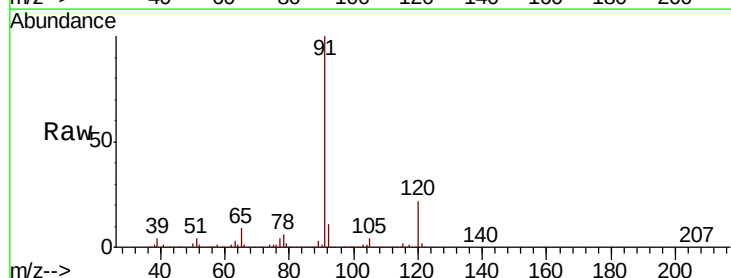
Acq: 21 Nov 2019 12:40

Tgt Ion: 91 Resp: 1200451

Ion Ratio Lower Upper

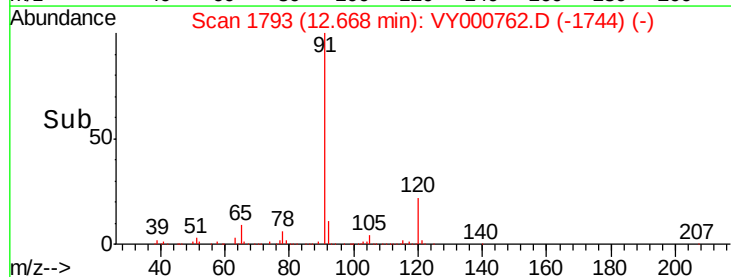
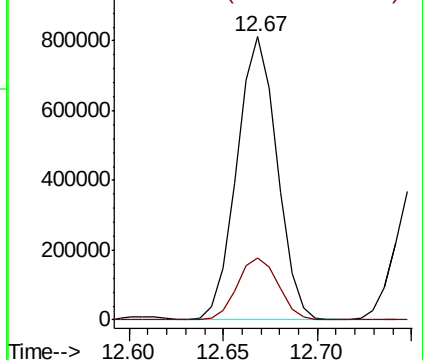
91 100

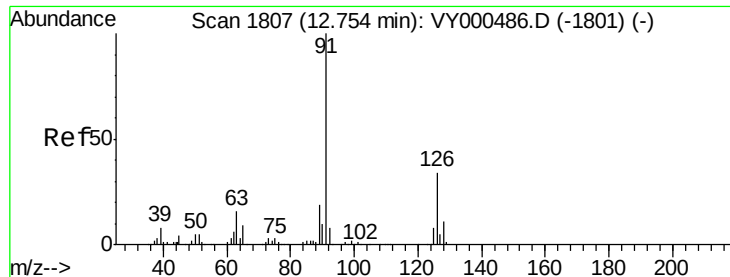
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.773 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

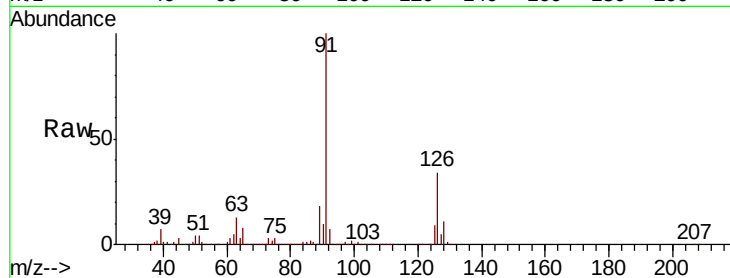
ClientSampleId :

Tot Ion: 91 Resp: 653652

Ion Ratio Lower Upper

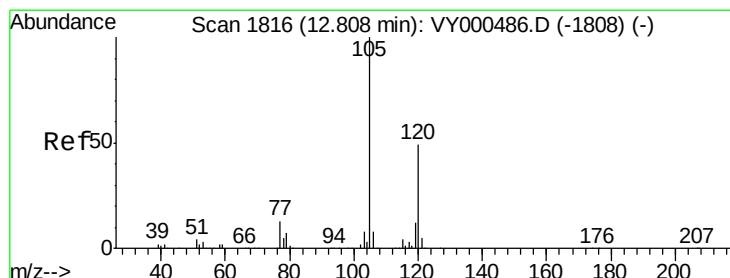
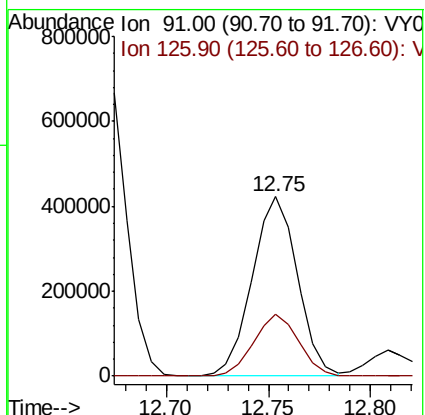
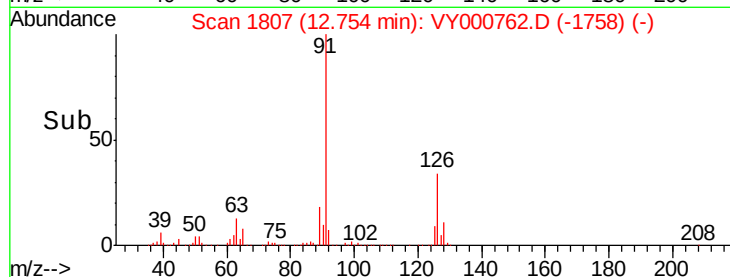
91 100

126 34.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VY000762.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY000762.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.977 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000762.D

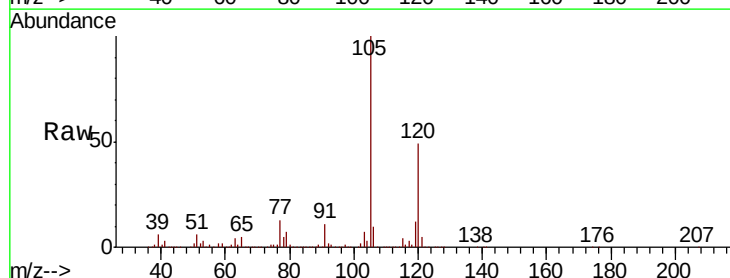
Acq: 21 Nov 2019 12:40

Tgt Ion:105 Resp: 815803

Ion Ratio Lower Upper

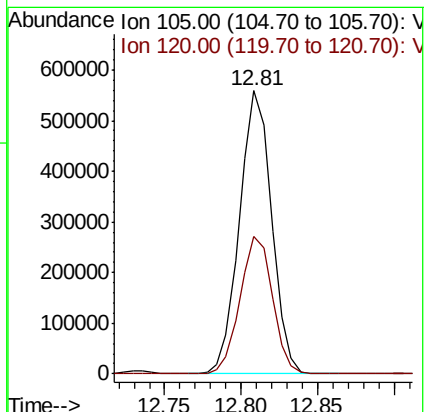
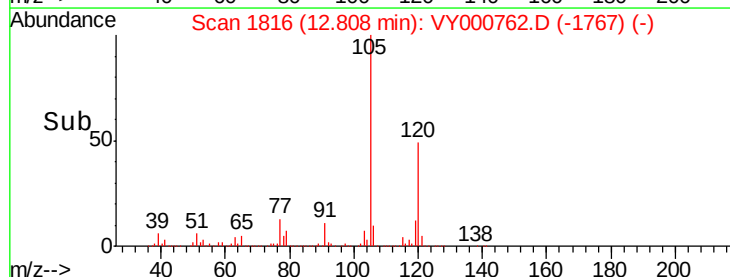
105 100

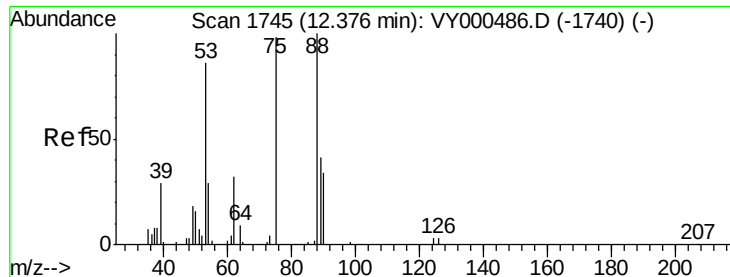
120 49.0 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000762.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY000762.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 60.381 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

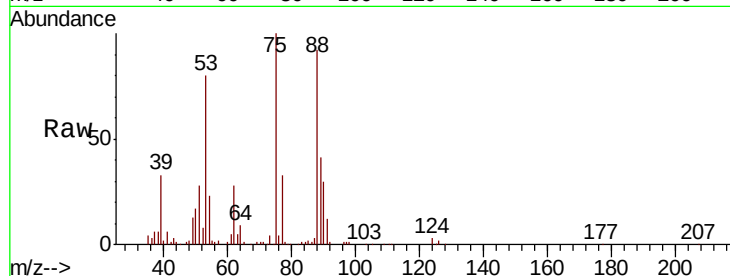
Tot Ion: 75 Resp: 75291

Ion Ratio Lower Upper

75 100

53 79.1 73.2 109.8

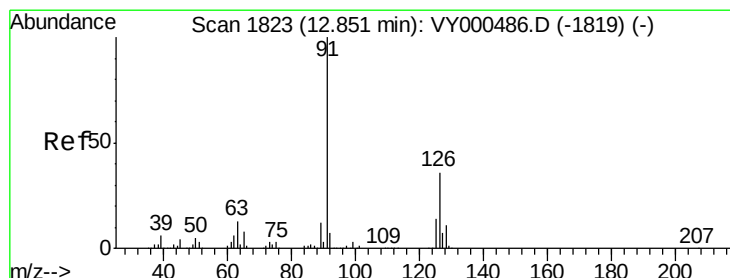
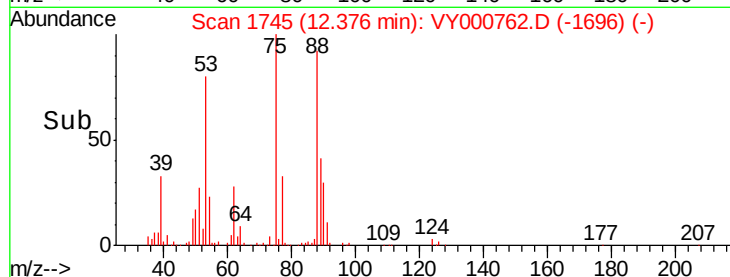
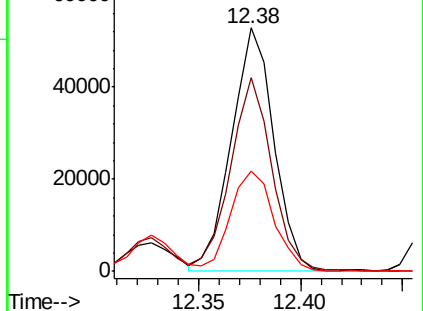
89 42.4 35.9 53.9



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: 54.407 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000762.D

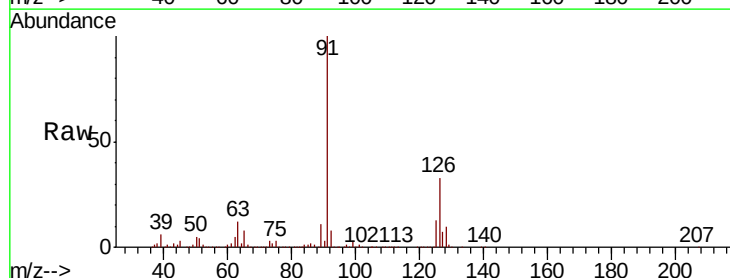
Acq: 21 Nov 2019 12:40

Tgt Ion: 91 Resp: 685554

Ion Ratio Lower Upper

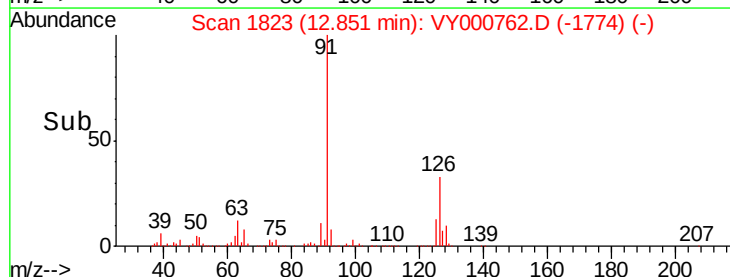
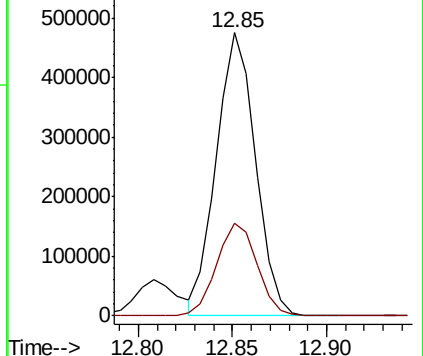
91 100

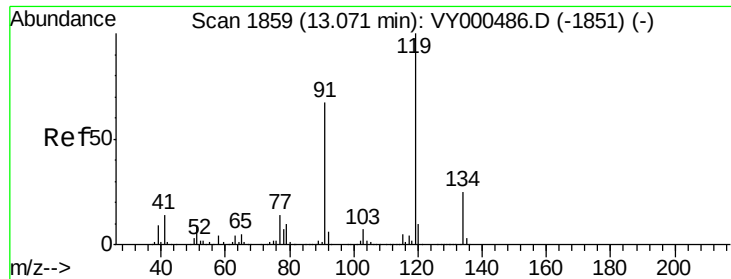
126 34.0 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

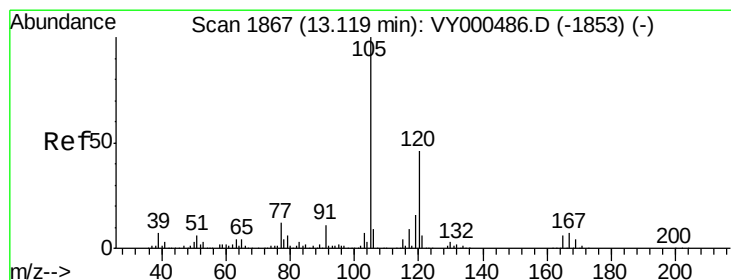
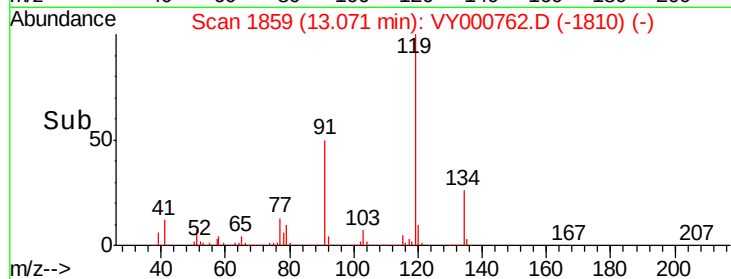
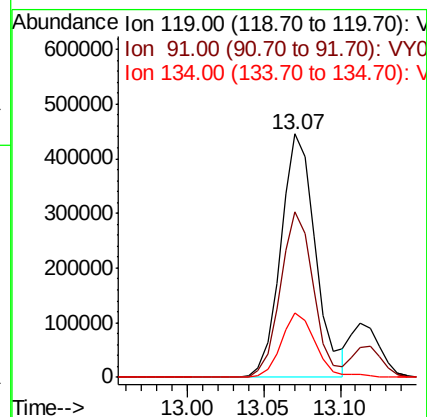
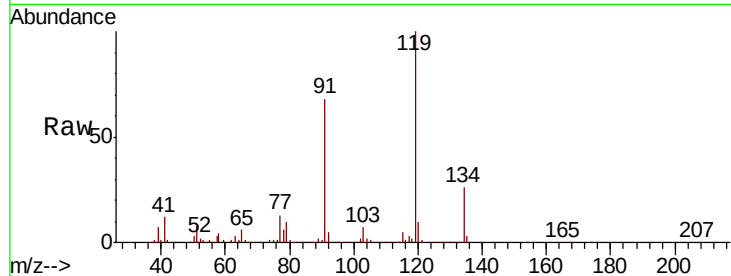




#83
 tert-Butylbenzene
 Concen: 54.177 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

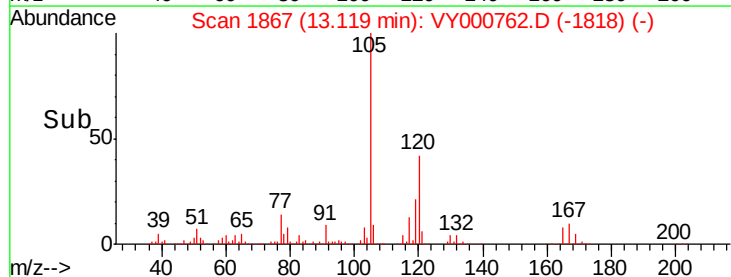
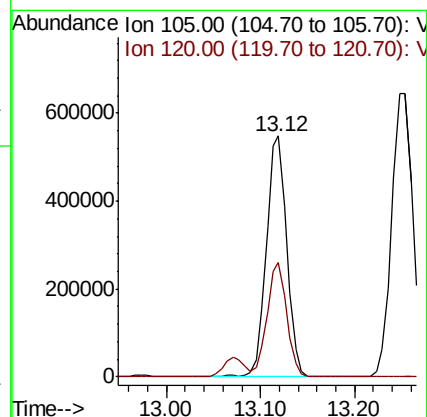
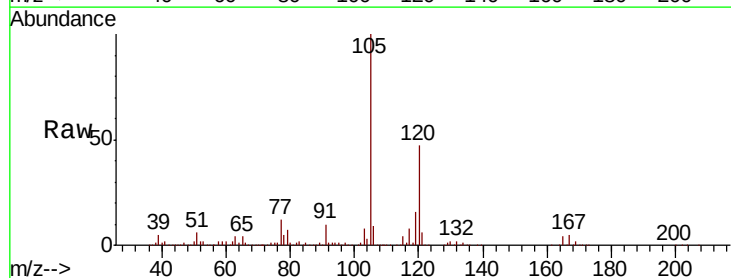
Instrument :
 MSVOA_Y
 ClientSampleId :

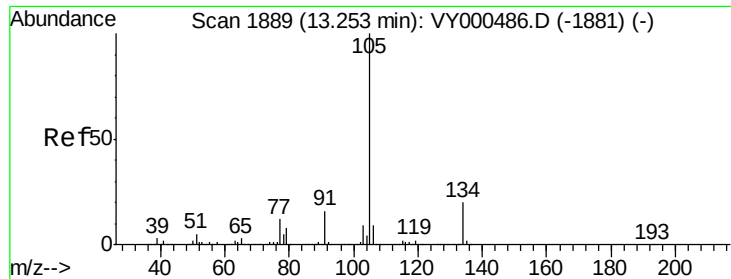
Tot Ion:119 Resp: 699140
 Ion Ratio Lower Upper
 119 100
 91 64.9 32.1 96.3
 134 26.4 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 55.653 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion:105 Resp: 837484
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.3 69.9





#85

sec-Butylbenzene

Concen: 54.777 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

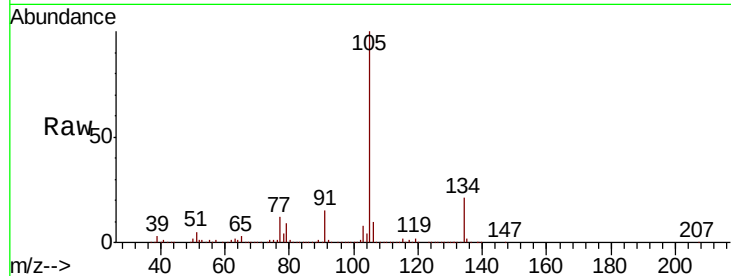
ClientSampleId :

Tot Ion:105 Resp: 1007119

Ion Ratio Lower Upper

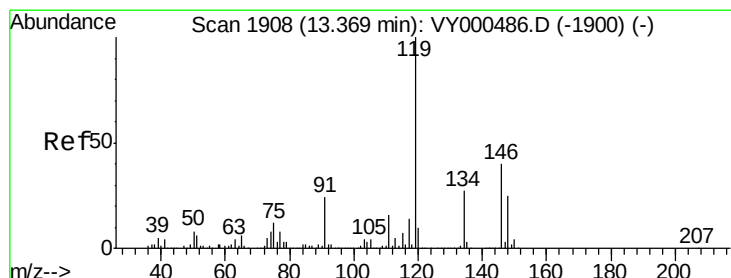
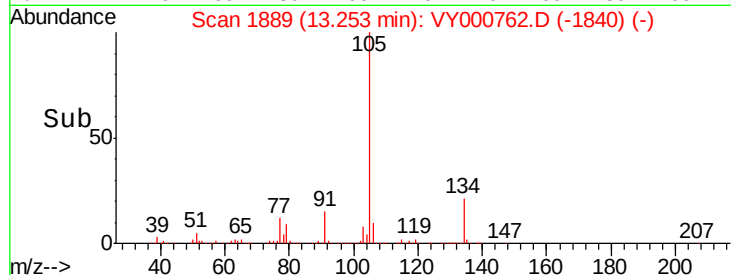
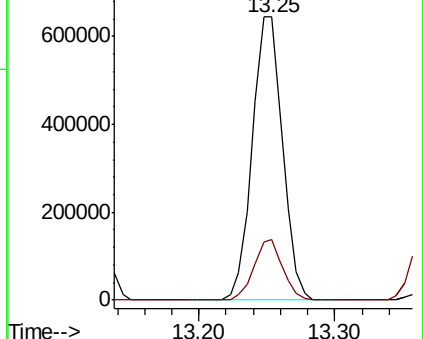
105 100

134 20.3 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.261 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

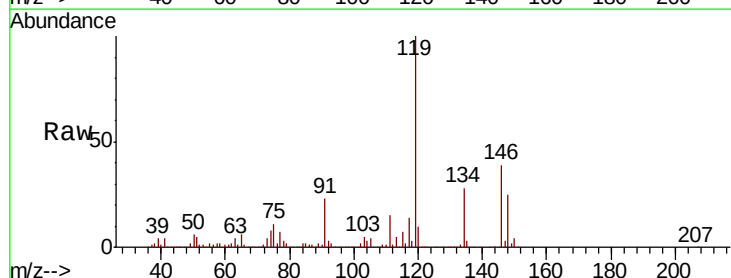
Tgt Ion:119 Resp: 872751

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

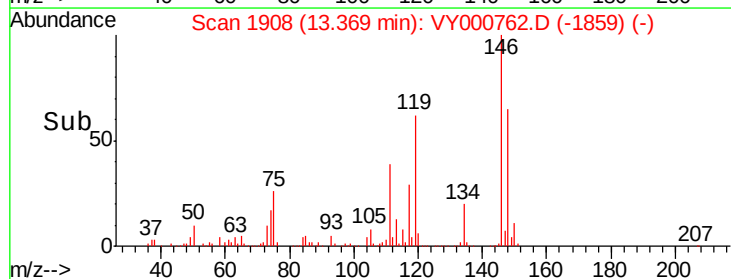
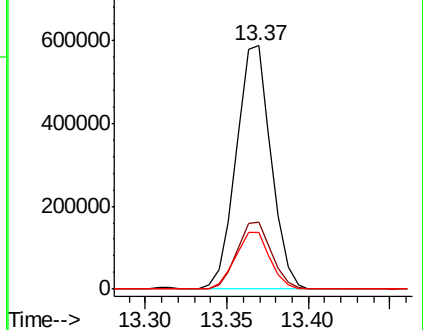
91 23.3 12.0 36.1

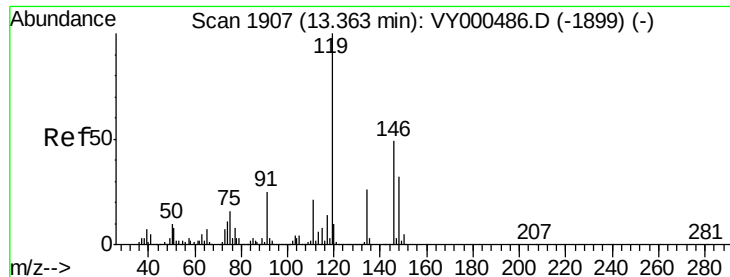


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

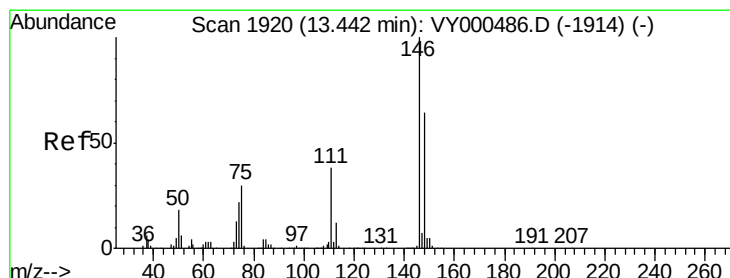
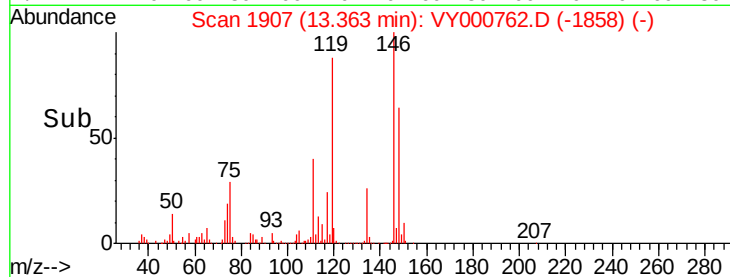
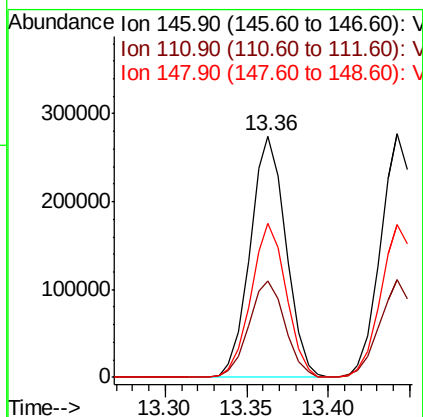
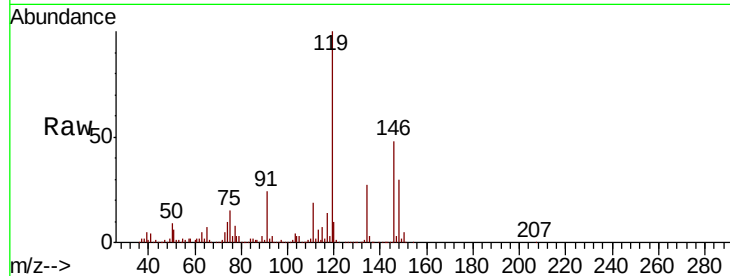




#87
 1,3-Dichlorobenzene
 Concen: 51.847 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

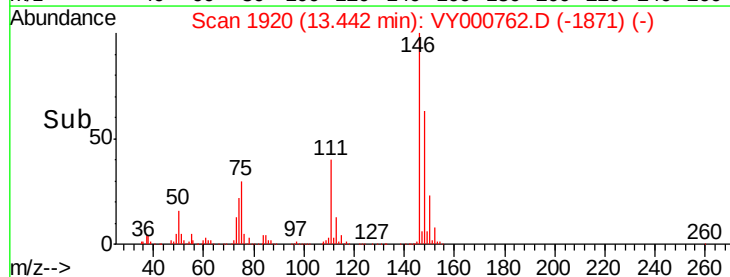
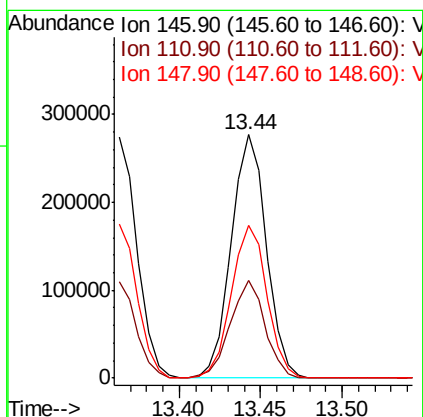
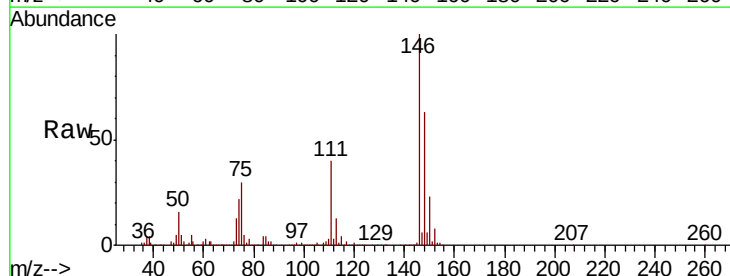
Instrument :
 MSVOA_Y
 ClientSampleId :

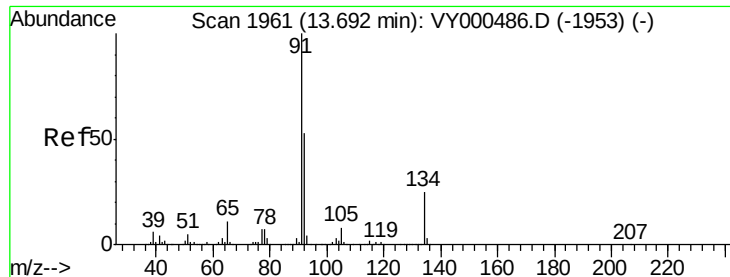
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	62.8	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 51.515 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.0
148	63.7	31.9	95.7

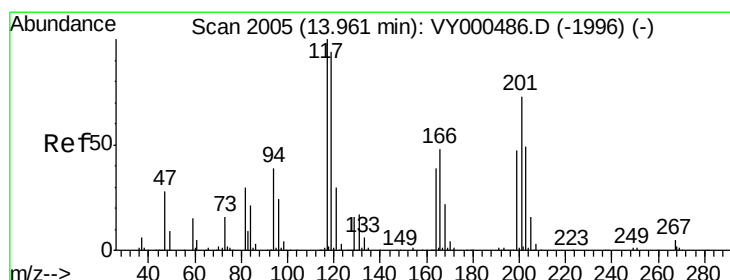
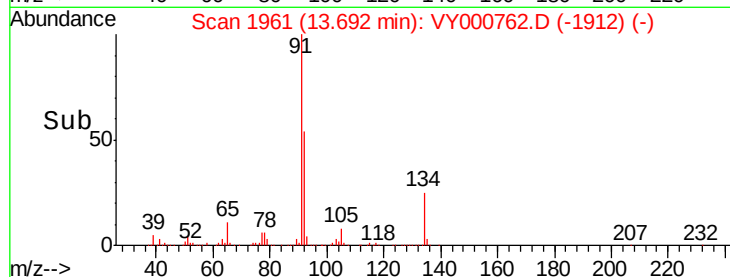
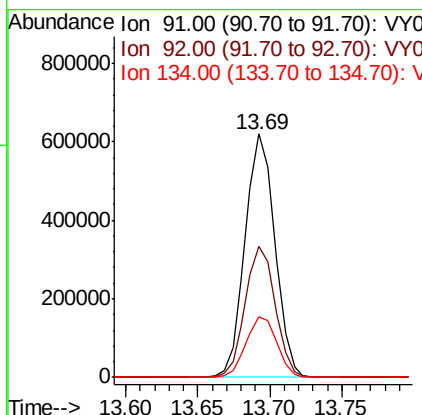
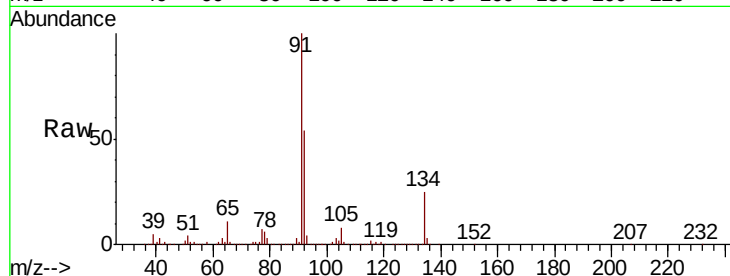




#89
n-Butylbenzene
Concen: 54.787 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

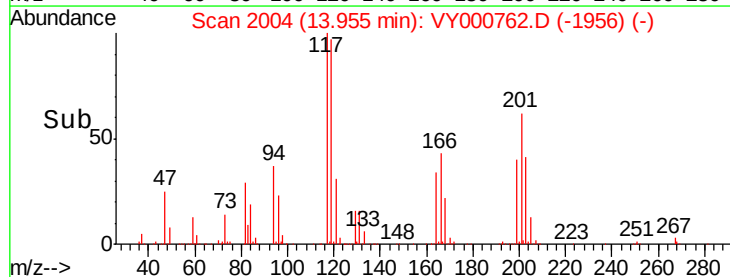
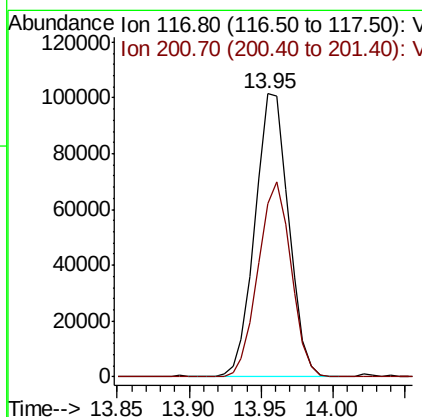
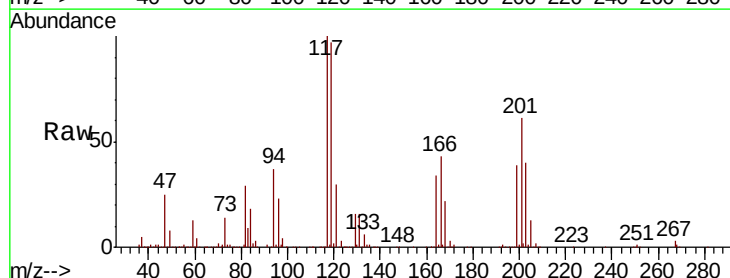
Instrument :
MSVOA_Y
ClientSampled :

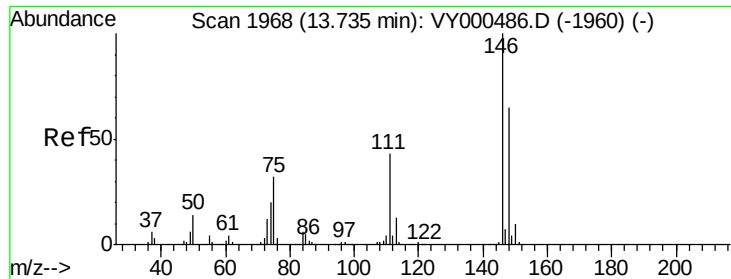
Tot Ion: 91 Resp: 885454
Ion Ratio Lower Upper
91 100
92 54.2 26.8 80.3
134 25.7 12.9 38.7



#90
Hexachloroethane
Concen: 54.044 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion: 117 Resp: 163717
Ion Ratio Lower Upper
117 100
201 67.7 35.8 107.3

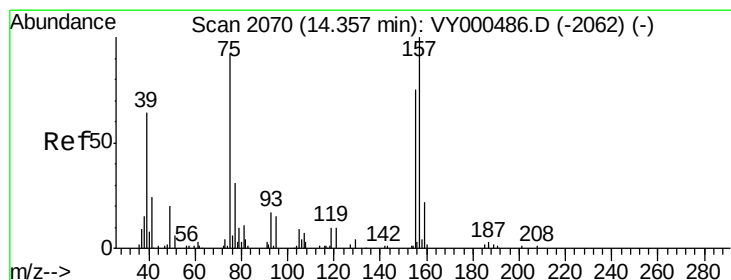
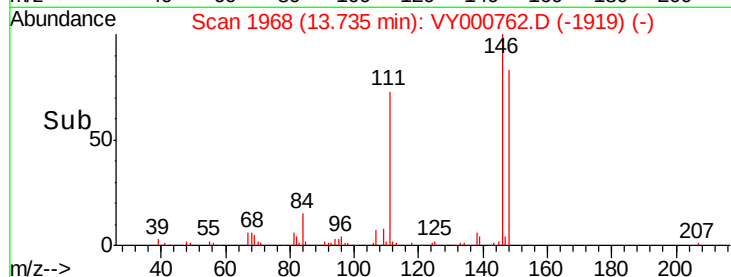
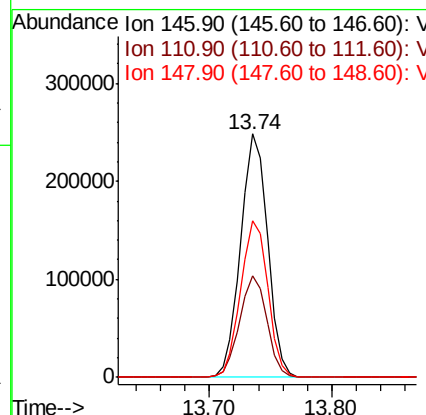
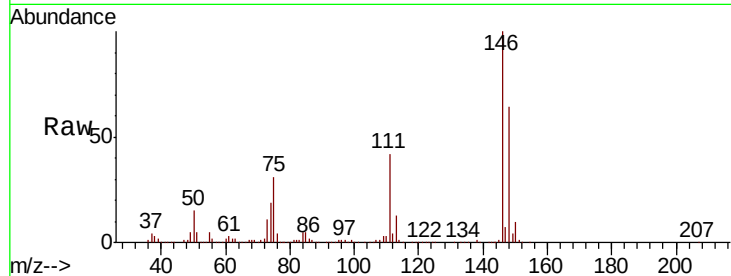




#91
 1,2-Dichlorobenzene
 Concen: 51.817 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

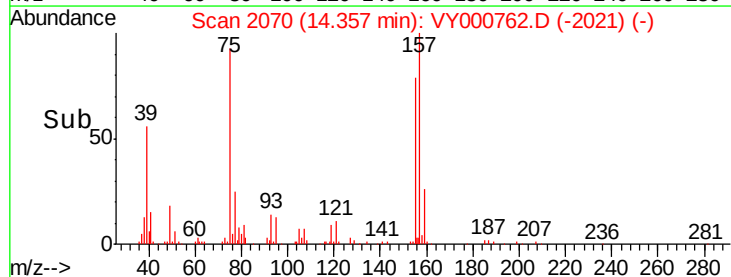
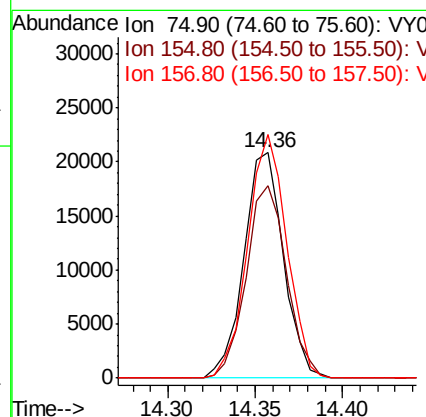
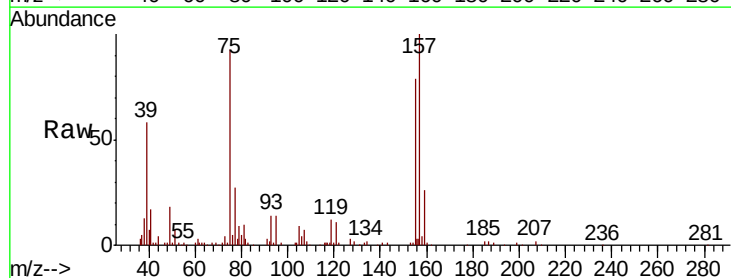
Instrument :
 MSVOA_Y
 ClientSampleId :

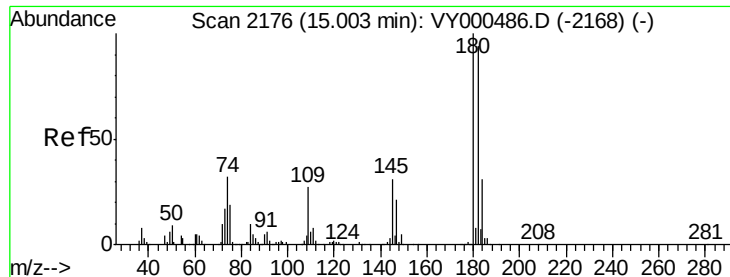
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.5	61.5
148	64.8	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.650 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	42.4	127.1
157	106.7	55.1	165.3

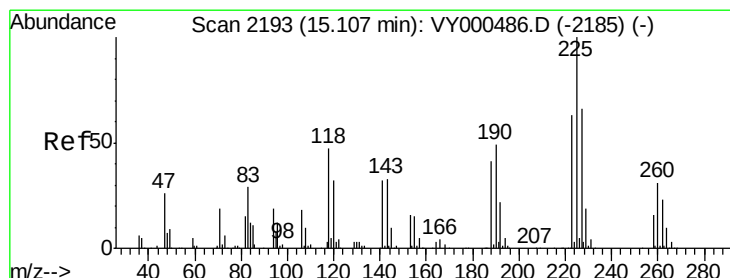
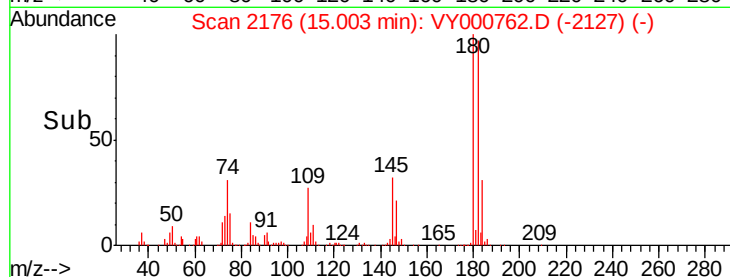
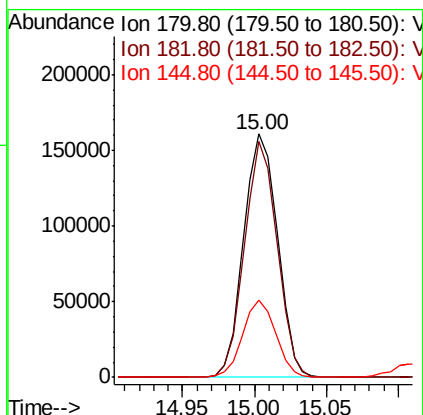
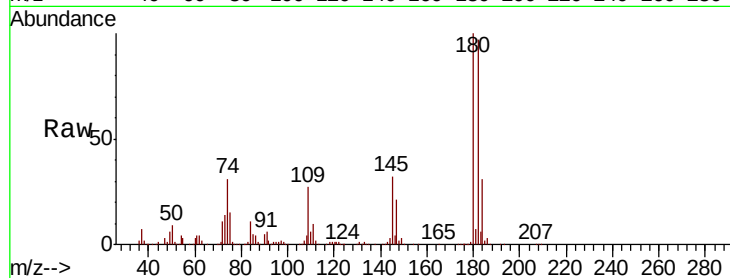




#93
 1,2,4-Trichlorobenzene
 Concen: 52.580 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

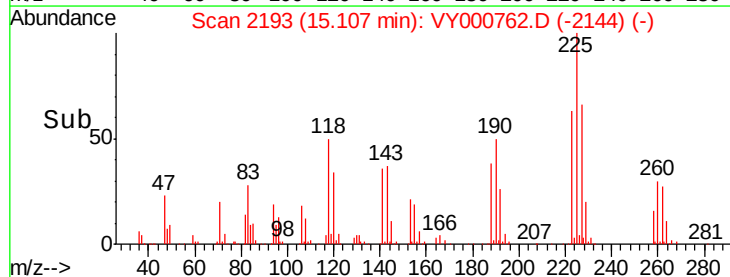
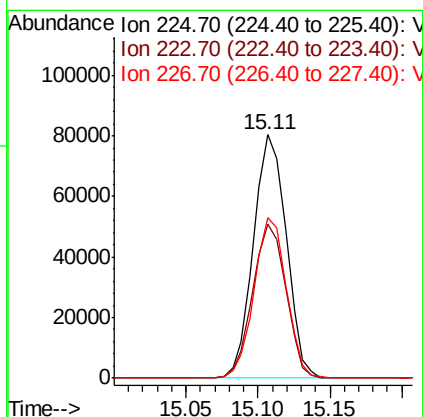
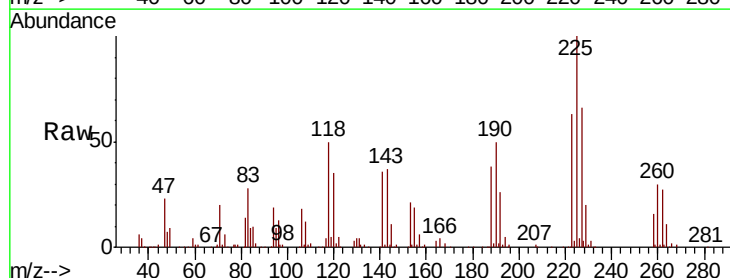
Instrument :
 MSVOA_Y
 ClientSampleId :

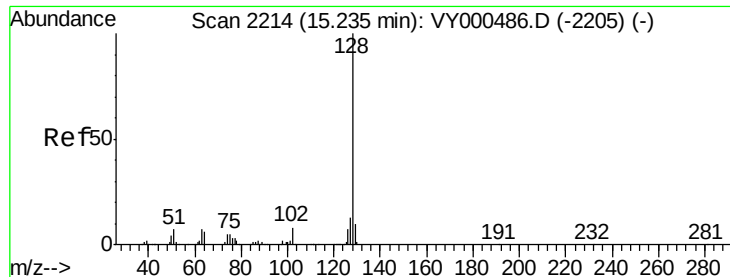
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.8	143.4
145	30.8	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 49.306 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.3	93.8
227	64.9	32.4	97.0





#95

Naphthalene

Concen: 54.653 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

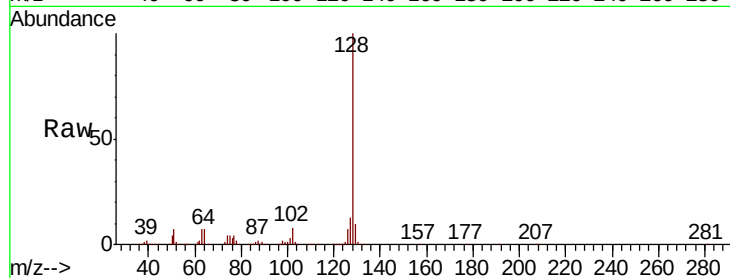
Tot Ion:128 Resp: 604162

Ion Ratio Lower Upper

128 100

127 12.3 9.8 14.6

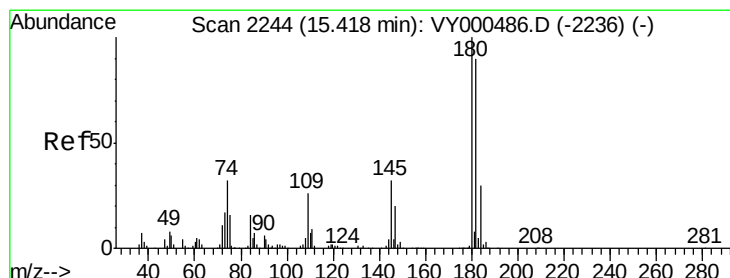
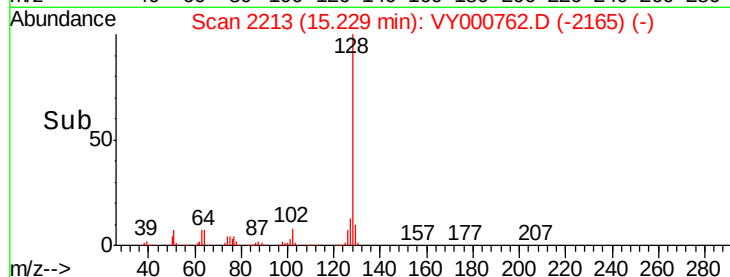
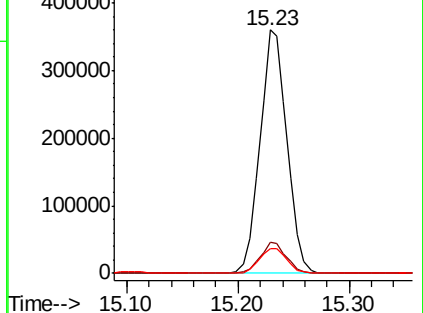
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.503 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

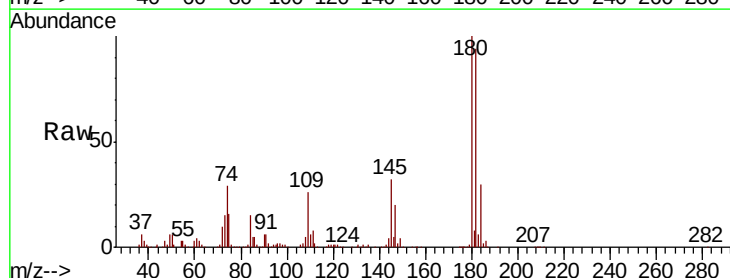
Tgt Ion:180 Resp: 230091

Ion Ratio Lower Upper

180 100

182 94.1 47.4 142.3

145 33.6 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

