

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110719\
 Data File : VY000570.D
 Acq On : 07 Nov 2019 11:23
 Operator : SY/MD
 Sample : VY1107SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 03:44:51 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	284359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	484419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	435131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	210607	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	158533	53.87	ug/l	0.00
Spiked Amount			Recovery	=	107.74%	
35) Dibromofluoromethane	7.74	113	139991	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
50) Toluene-d8	10.19	98	569954	52.82	ug/l	0.00
Spiked Amount			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.48	95	199922	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	58922	21.050	ug/l	97
3) Chloromethane	2.11	50	80162	20.788	ug/l	97
4) Vinyl Chloride	2.25	62	75612	21.116	ug/l	97
5) Bromomethane	2.64	94	49455	23.031	ug/l	94
6) Chloroethane	2.79	64	48562	21.669	ug/l	100
7) Trichlorofluoromethane	3.13	101	109084	22.557	ug/l	94
8) Diethyl Ether	3.53	74	38662	22.500	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	64685	22.125	ug/l	96
10) Methyl Iodide	4.10	142	70791	20.418	ug/l	99
11) Tert butyl alcohol	4.98	59	32933	114.966	ug/l #	89
12) 1,1-Dichloroethene	3.88	96	63283	22.279	ug/l	96
13) Acrolein	3.74	56	23048	92.369	ug/l	99
14) Allyl chloride	4.49	41	109442	23.695	ug/l	98
15) Acrylonitrile	5.18	53	104164	118.337	ug/l	99
16) Acetone	3.96	43	79957	98.584	ug/l	100
17) Carbon Disulfide	4.20	76	189572	21.160	ug/l	99
18) Methyl Acetate	4.49	43	58446	23.176	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	179546	22.735	ug/l	96
20) Methylene Chloride	4.73	84	79598	22.904	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	72546	22.592	ug/l	97
22) Diisopropyl ether	6.13	45	229519	22.863	ug/l	97
23) Vinyl Acetate	6.08	43	742398	117.151	ug/l	99
24) 1,1-Dichloroethane	6.03	63	123656	22.737	ug/l	99
25) 2-Butanone	7.00	43	142789	110.314	ug/l	98
26) 2,2-Dichloropropane	7.00	77	111640	22.462	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	76878	21.894	ug/l	94
28) Bromochloromethane	7.35	49	30731	15.468	ug/l	94
29) Tetrahydrofuran	7.36	42	90491	114.277	ug/l	99
30) Chloroform	7.52	83	122853	22.330	ug/l	97
31) Cyclohexane	7.80	56	126827	22.265	ug/l	93
32) 1,1,1-Trichloroethane	7.72	97	110940	22.626	ug/l	98
36) 1,1-Dichloropropene	7.93	75	100875	22.028	ug/l	98
37) Ethyl Acetate	7.09	43	59232	21.786	ug/l #	95
38) Carbon Tetrachloride	7.91	117	94552	21.458	ug/l	92

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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)
39) Methylcyclohexane	9.19	83	128679	21.750	ug/l	98
40) Benzene	8.17	78	288797	21.510	ug/l	98
41) Methacrylonitrile	7.36	41	84170	55.494	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	83586	21.950	ug/l	100
43) Isopropyl Acetate	8.28	43	116072	22.726	ug/l	98
44) Trichloroethene	8.95	130	76487	21.607	ug/l	97
45) 1,2-Dichloropropane	9.22	63	72661	21.989	ug/l	98
46) Dibromomethane	9.31	93	39365	21.662	ug/l	99
47) Bromodichloromethane	9.50	83	93327	21.643	ug/l	98
48) Methyl methacrylate	9.30	41	50870	22.796	ug/l	96
49) 1,4-Dioxane	9.31	88	11097	453.719	ug/l #	88
51) 4-Methyl-2-Pentanone	10.08	43	305520	112.512	ug/l	98
52) Toluene	10.25	92	186030	21.916	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	102085	22.157	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	118935	22.533	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	56329	21.430	ug/l	98
56) Ethyl methacrylate	10.52	69	83759	22.483	ug/l	98
57) 1,3-Dichloropropane	10.80	76	101418	22.046	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	173740	103.157	ug/l	97
59) 2-Hexanone	10.83	43	218520	110.449	ug/l	99
60) Dibromochloromethane	10.99	129	64014	21.262	ug/l	99
61) 1,2-Dibromoethane	11.09	107	55763	22.065	ug/l	98
64) Tetrachloroethene	10.72	164	76340	21.217	ug/l	96
65) Chlorobenzene	11.52	112	192429	21.812	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	65391	21.372	ug/l	99
67) Ethyl Benzene	11.59	91	360190	22.184	ug/l	99
68) m/p-Xylenes	11.70	106	268393	42.709	ug/l	95
69) o-Xylene	12.03	106	126887	21.484	ug/l	98
70) Styrene	12.05	104	219312	21.685	ug/l	99
71) Bromoform	12.21	173	36600	20.797	ug/l #	96
73) Isopropylbenzene	12.33	105	343108	22.043	ug/l	100
74) N-amyl acetate	12.14	43	103848	23.295	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	71872	23.320	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	93519	38.998	ug/l #	100
77) Bromobenzene	12.61	156	76381	21.639	ug/l	95
78) n-propylbenzene	12.67	91	416181	22.160	ug/l	100
79) 2-Chlorotoluene	12.75	91	232688	22.317	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	292557	22.567	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	23775	22.229	ug/l	97
82) 4-Chlorotoluene	12.86	91	246020	22.763	ug/l	97
83) tert-Butylbenzene	13.08	119	241035	21.776	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	289677	22.443	ug/l	98
85) sec-Butylbenzene	13.25	105	357249	22.654	ug/l	99
86) p-Isopropyltoluene	13.37	119	311936	22.194	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	148825	21.526	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	145729	21.094	ug/l	97
89) n-Butylbenzene	13.70	91	305979	22.072	ug/l	98
90) Hexachloroethane	13.96	117	59367	22.848	ug/l	93
91) 1,2-Dichlorobenzene	13.74	146	137156	21.865	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12537	22.985	ug/l	93

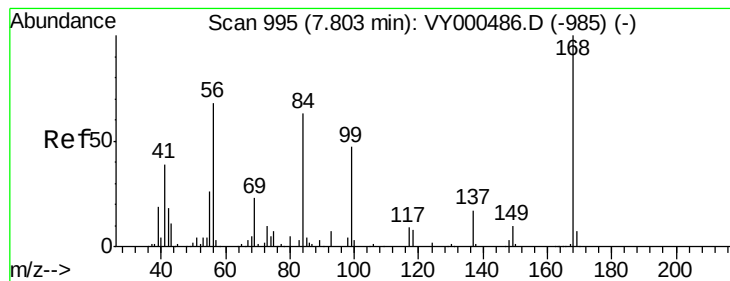
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110719\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	90660	21.226	ug/l	99
94) Hexachlorobutadiene	15.11	225	48021	21.811	ug/l	98
95) Naphthalene	15.23	128	213002	22.464	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	81449	21.255	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

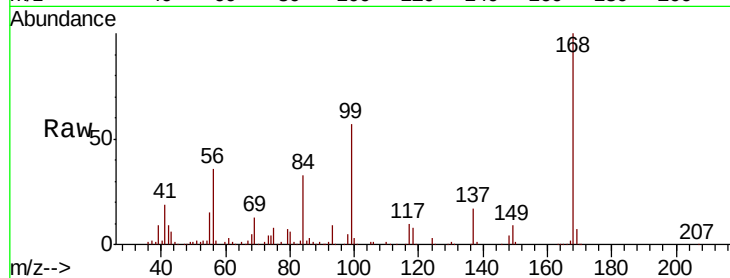
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 284359

Ion Ratio Lower Upper

168 100

99 56.9 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

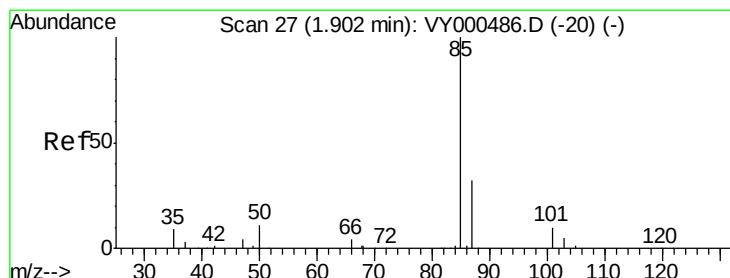
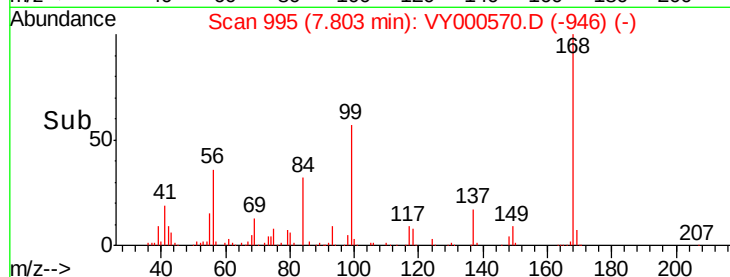
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.050 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000570.D

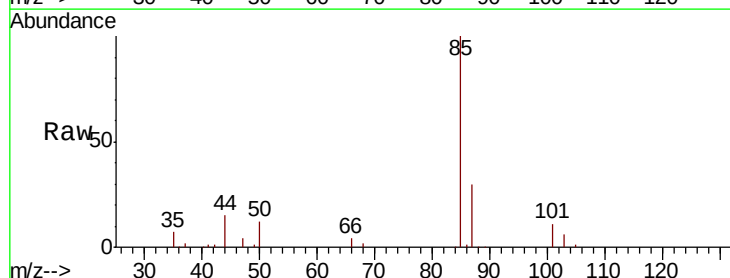
Acq: 07 Nov 2019 11:23

Tgt Ion: 85 Resp: 58922

Ion Ratio Lower Upper

85 100

87 30.0 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

40000

30000

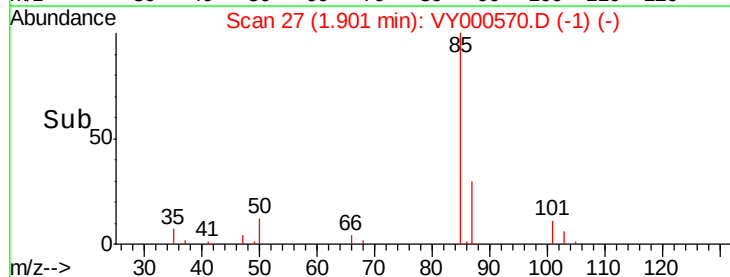
20000

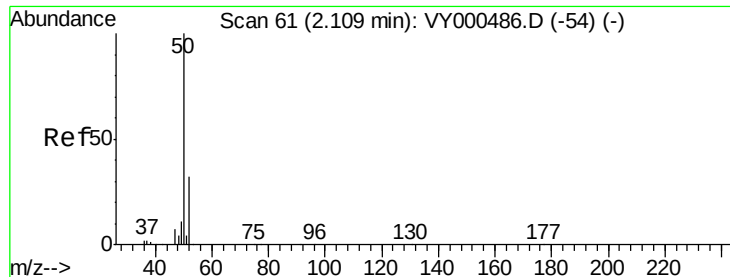
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.788 ug/l

RT: 2.11 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

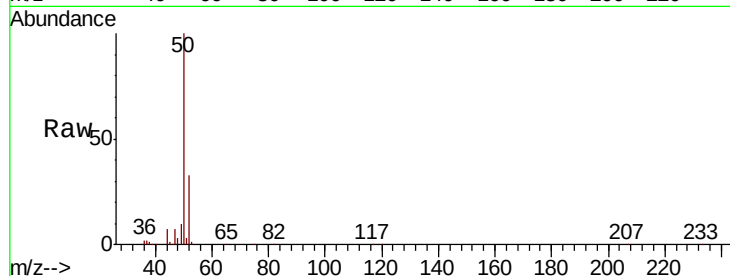
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 80162

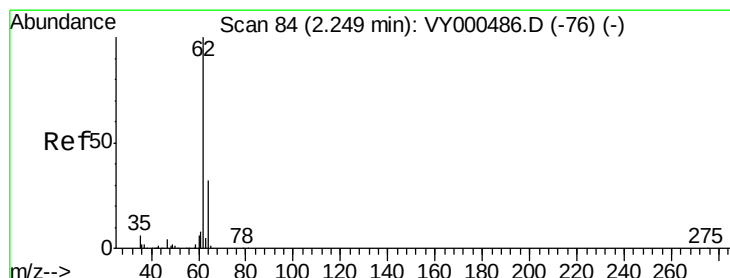
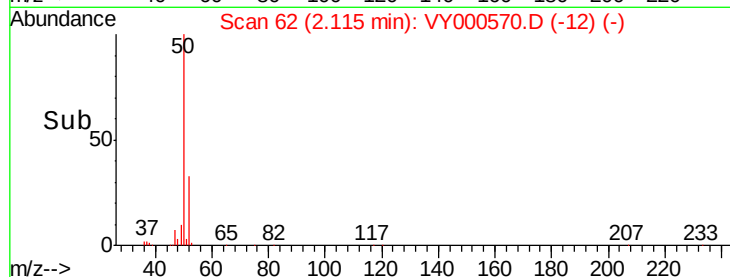
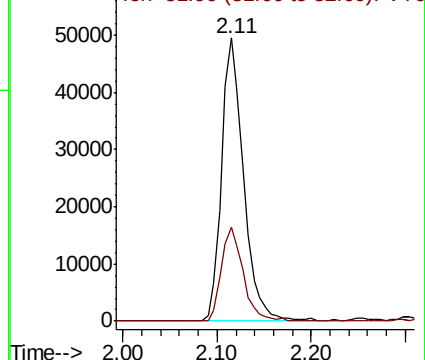
Ion Ratio Lower Upper

50 100

52 33.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.116 ug/l

RT: 2.25 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000570.D

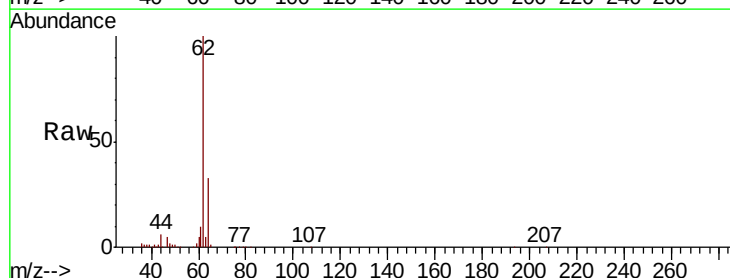
Acq: 07 Nov 2019 11:23

Tgt Ion: 62 Resp: 75612

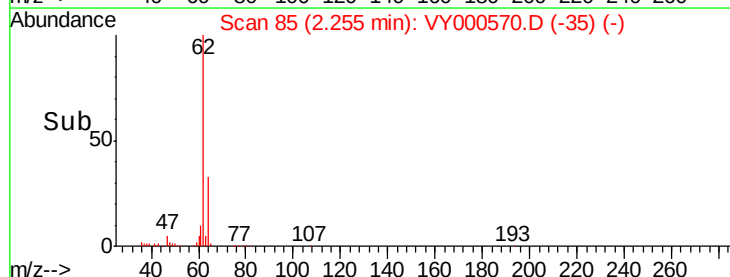
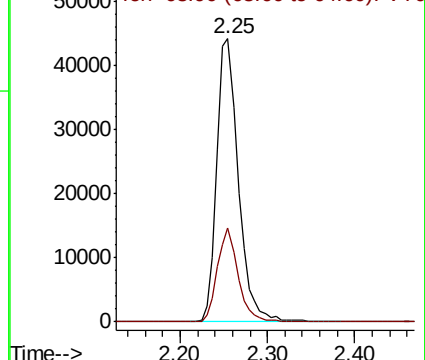
Ion Ratio Lower Upper

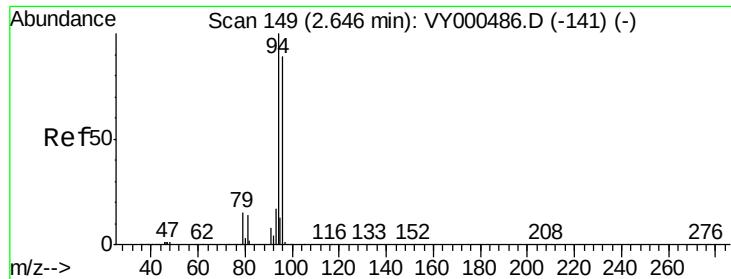
62 100

64 33.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 23.031 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

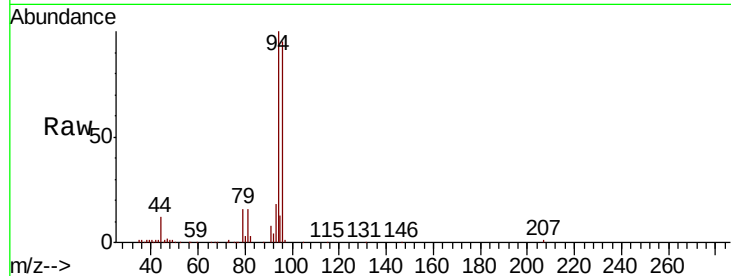
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 49455

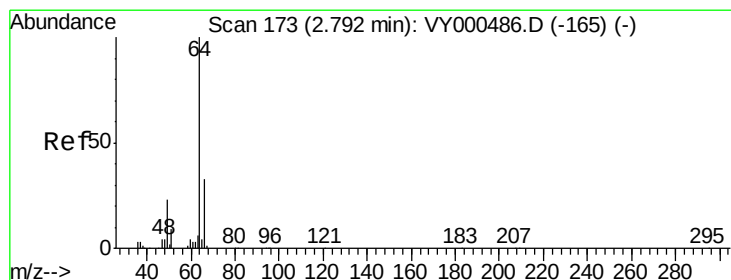
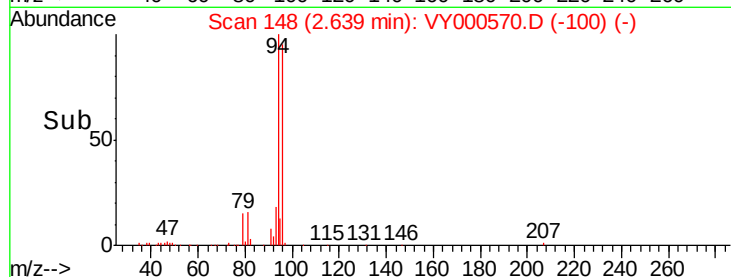
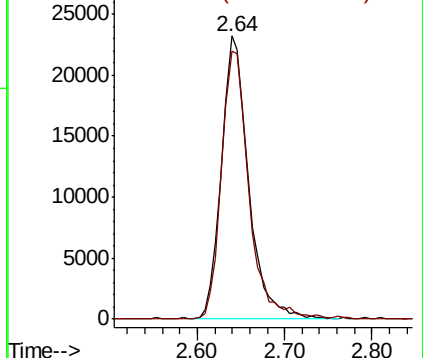
Ion Ratio Lower Upper

94 100

96 94.9 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: 21.669 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000570.D

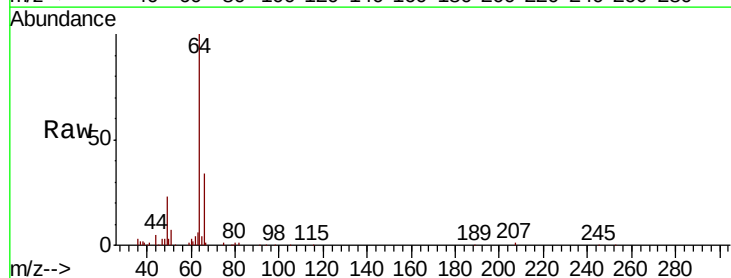
Acq: 07 Nov 2019 11:23

Tgt Ion: 64 Resp: 48562

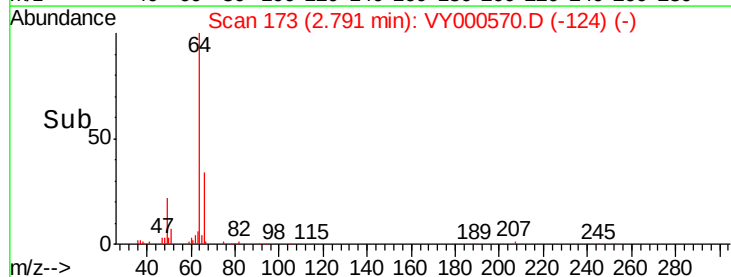
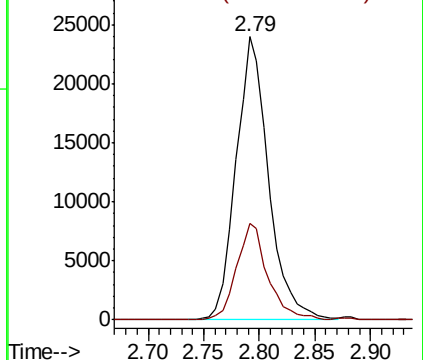
Ion Ratio Lower Upper

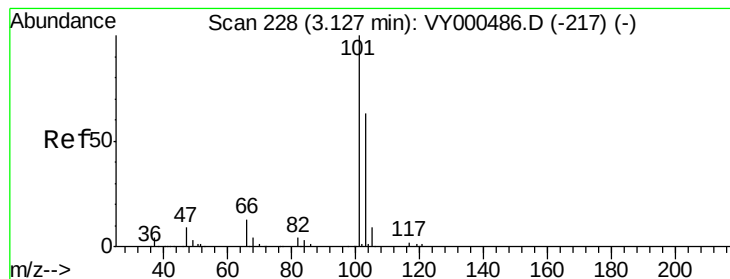
64 100

66 33.6 26.6 40.0



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



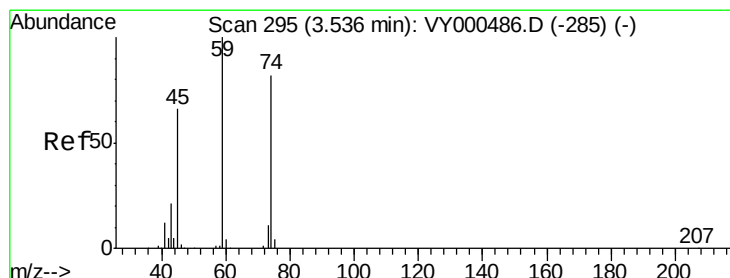
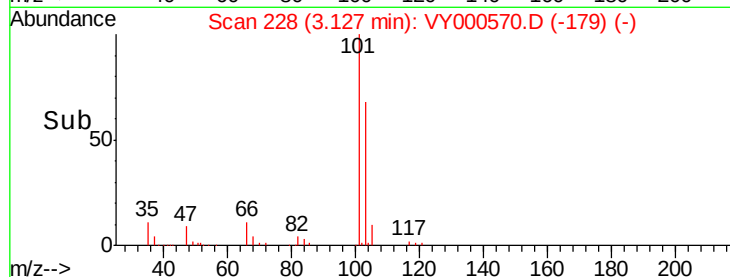
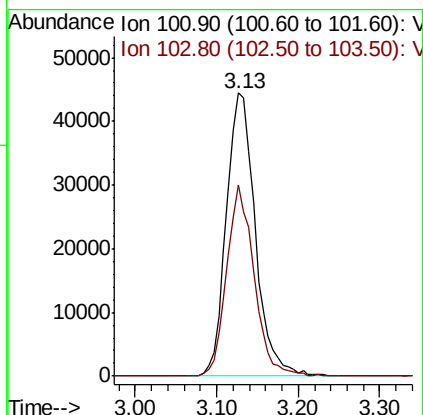
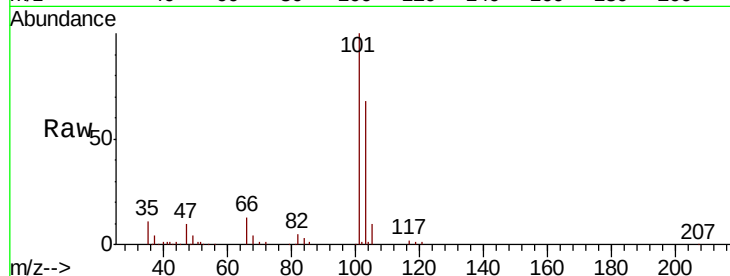


#7

Trichlorofluoromethane
 Concen: 22.557 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Instrument :
 MSVOA_Y
 ClientSampleId :

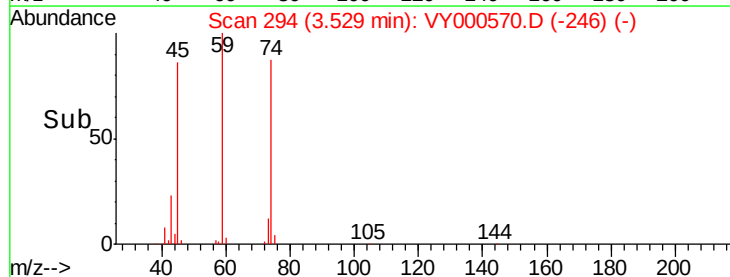
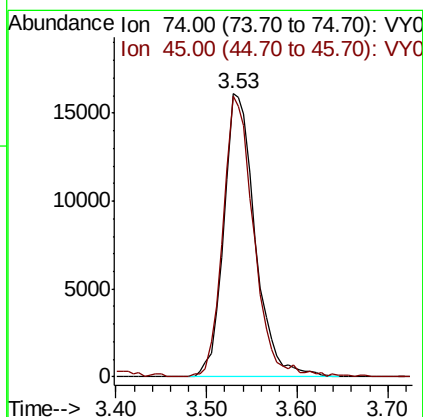
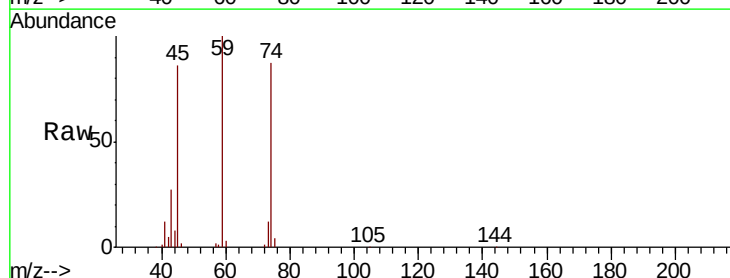
Tot Ion:101 Resp: 109084
 Ion Ratio Lower Upper
 101 100
 103 67.6 50.5 75.7

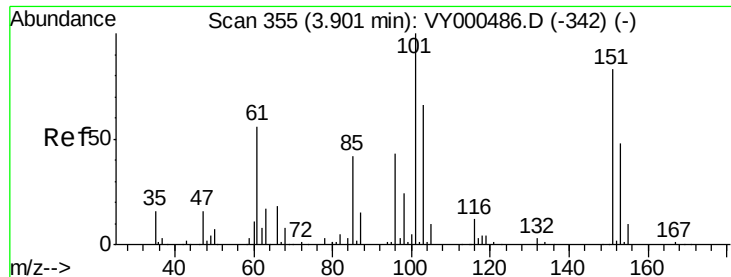


#8

Diethyl Ether
 Concen: 22.500 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion: 74 Resp: 38662
 Ion Ratio Lower Upper
 74 100
 45 96.3 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.125 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampleId :

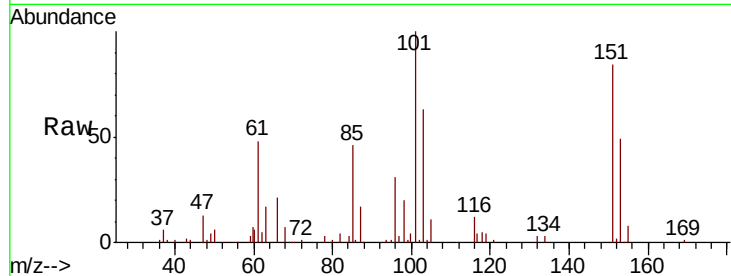
Tot Ion:101 Resp: 64685

Ion Ratio Lower Upper

101 100

85 45.7 36.7 55.1

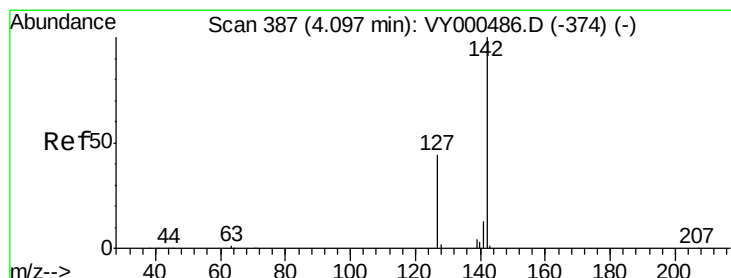
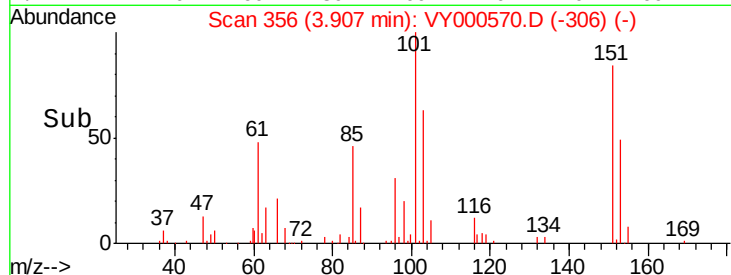
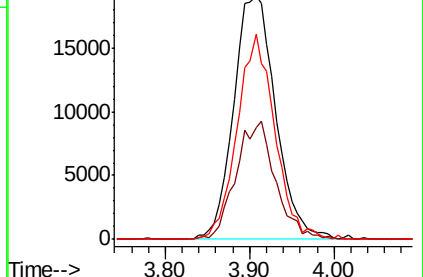
151 75.2 64.3 96.5



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: 20.418 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

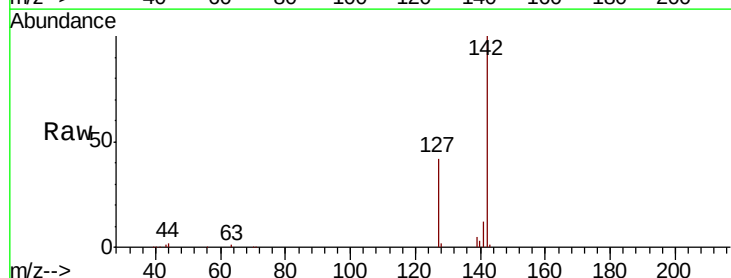
Tgt Ion:142 Resp: 70791

Ion Ratio Lower Upper

142 100

127 42.6 33.7 50.5

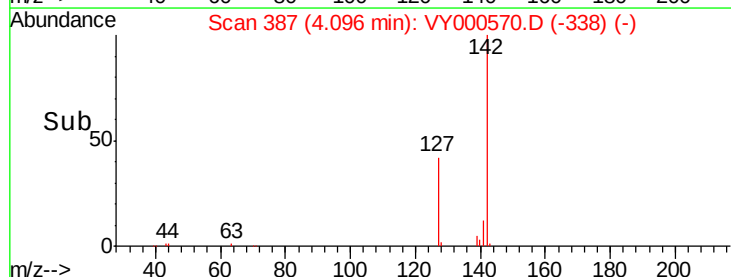
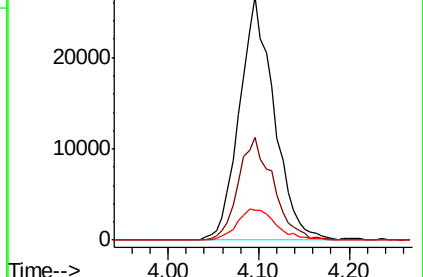
141 14.5 10.9 16.3

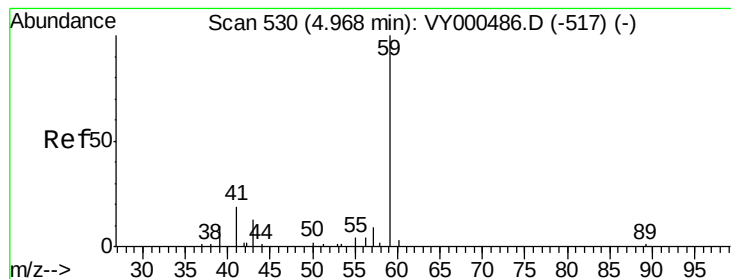


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



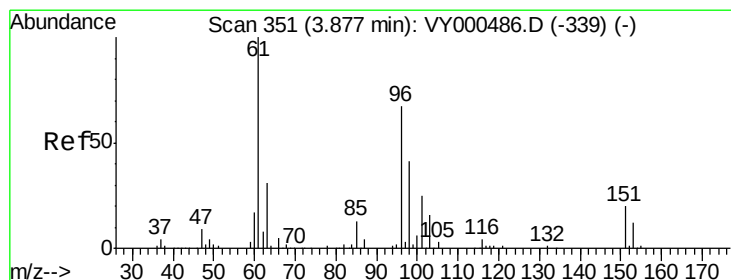
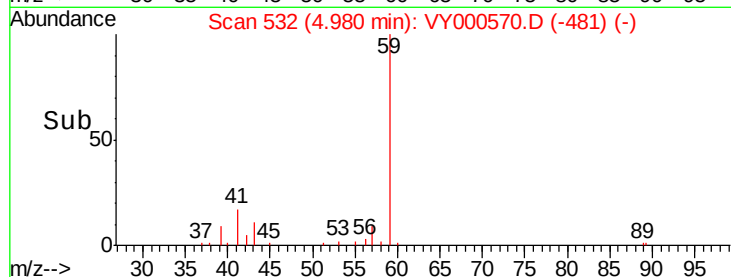
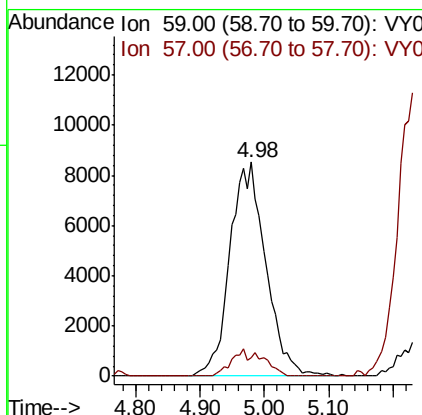
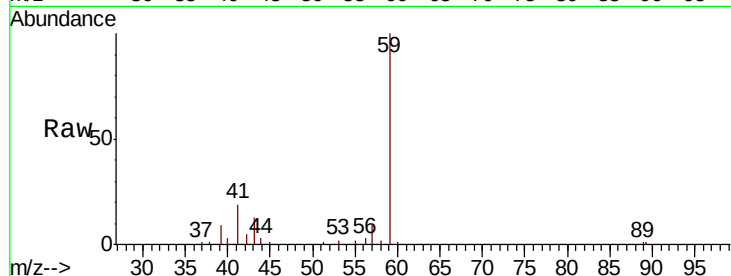


#11

Tert butyl alcohol
 Concen: 114.966 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Instrument :
 MSVOA_Y
 ClientSampled :

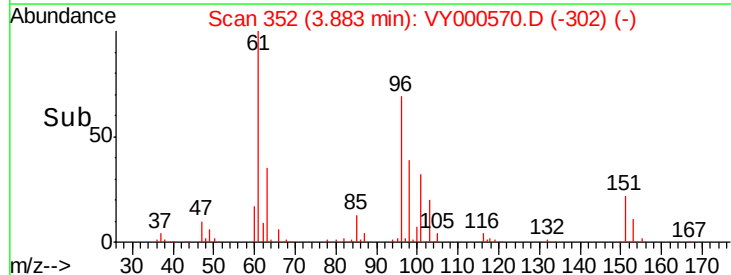
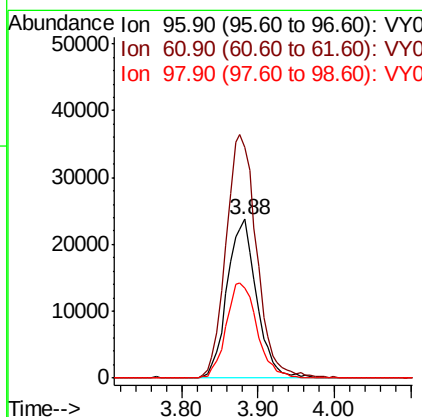
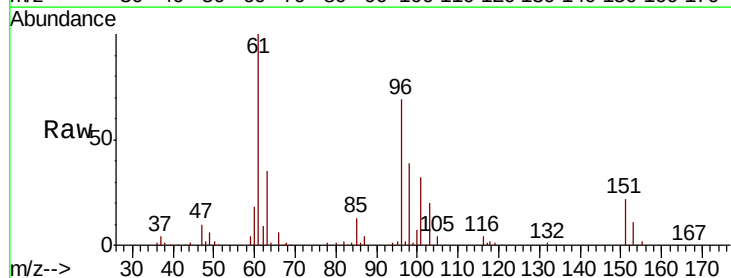
Tot Ion: 59 Resp: 32933
 Ion Ratio Lower Upper
 59 100
 57 6.5 8.6 12.8#

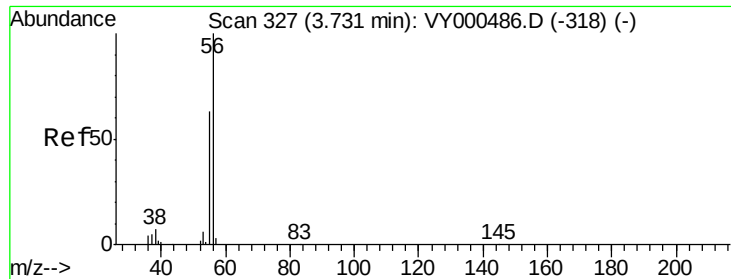


#12

1,1-Dichloroethene
 Concen: 22.279 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion: 96 Resp: 63283
 Ion Ratio Lower Upper
 96 100
 61 145.0 119.2 178.8
 98 57.0 48.6 73.0

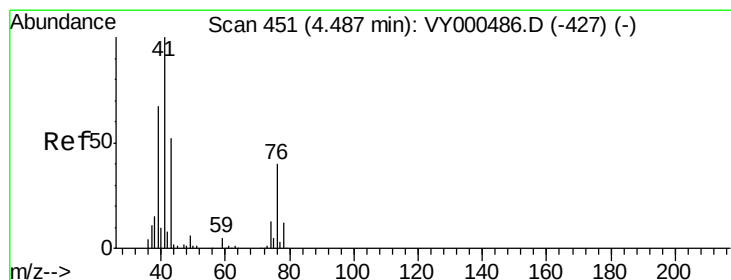
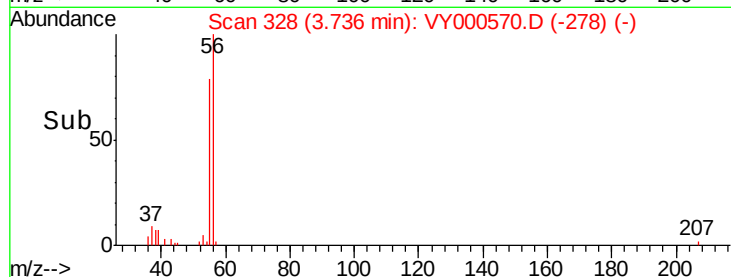
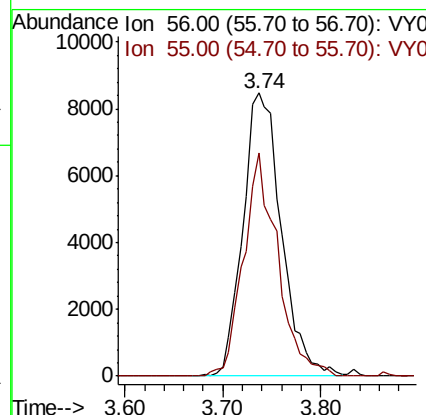
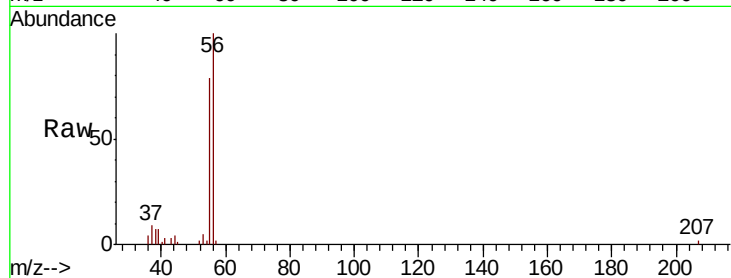




#13
Acrolein
Concen: 92.369 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

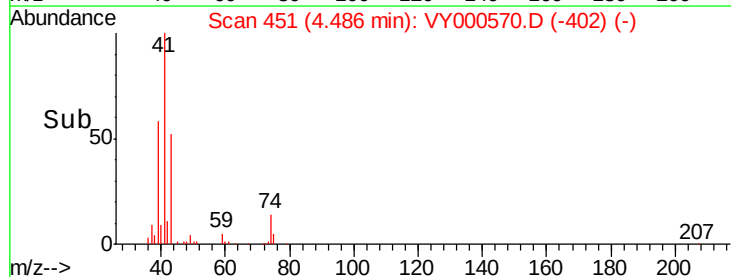
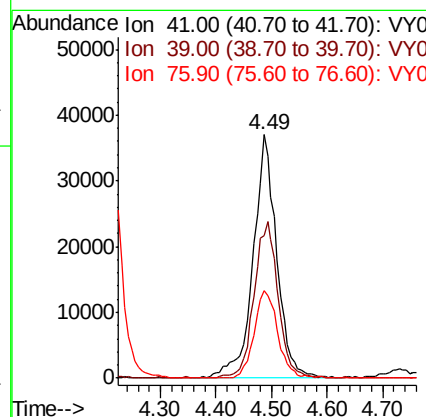
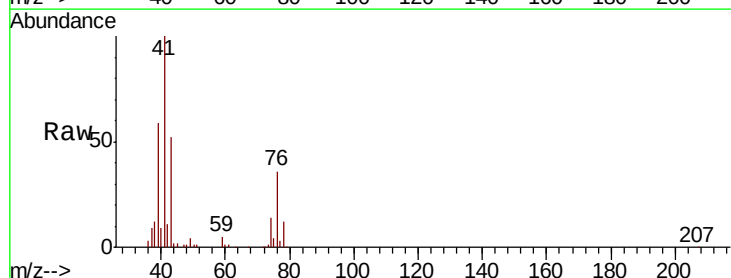
Instrument :
MSVOA_Y
ClientSampleId :

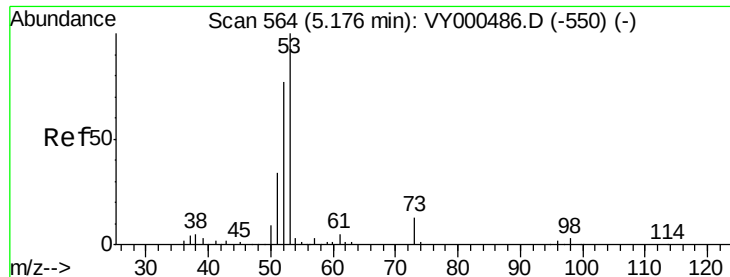
Tot Ion: 56 Resp: 23048
Ion Ratio Lower Upper
56 100
55 70.3 57.0 85.6



#14
Allyl chloride
Concen: 23.695 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 41 Resp: 109442
Ion Ratio Lower Upper
41 100
39 65.7 53.6 80.4
76 35.7 29.8 44.6





#15

Acrylonitrile

Concen: 118.337 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampleId :

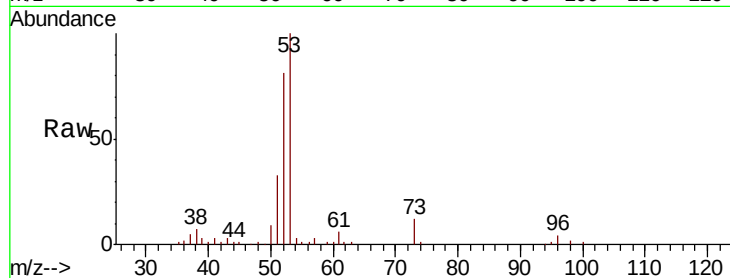
Tot Ion: 53 Resp: 104164

Ion Ratio Lower Upper

53 100

52 80.3 64.9 97.3

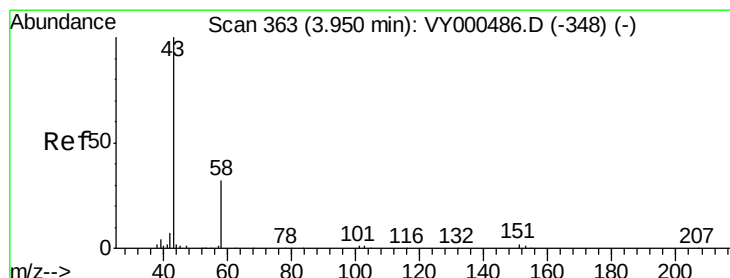
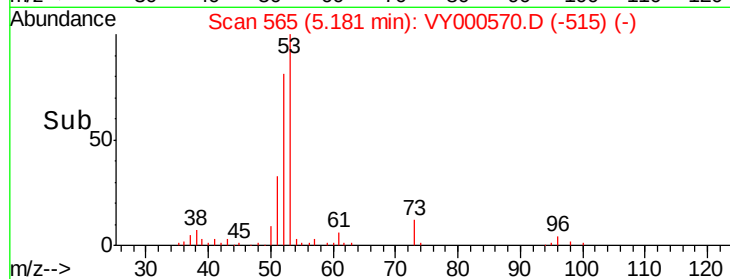
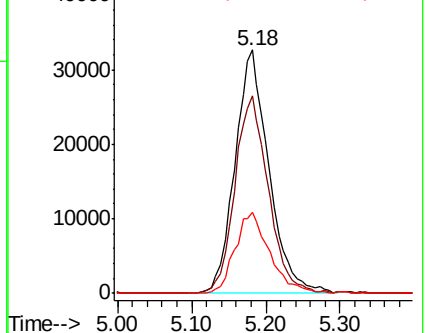
51 34.0 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY000486.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY000486.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY000486.D (-550) (-)



#16

Acetone

Concen: 98.584 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000570.D

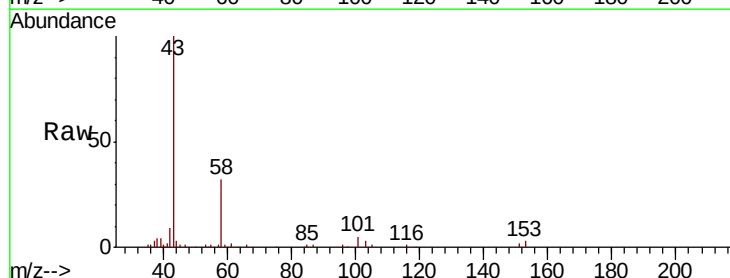
Acq: 07 Nov 2019 11:23

Tgt Ion: 43 Resp: 79957

Ion Ratio Lower Upper

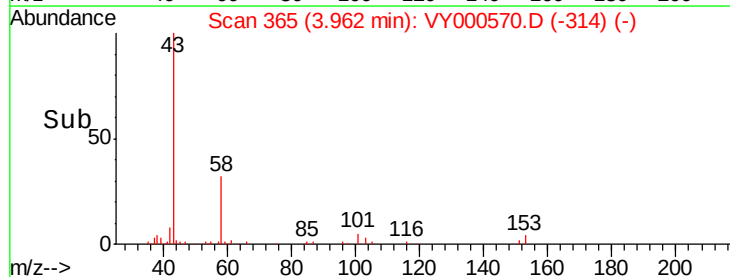
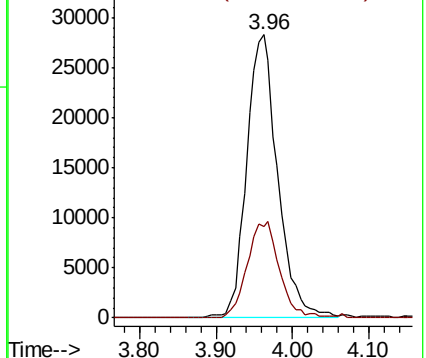
43 100

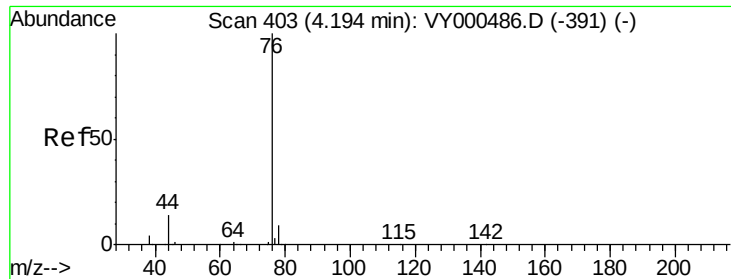
58 32.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-348) (-)





#17

Carbon Disulfide

Concen: 21.160 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

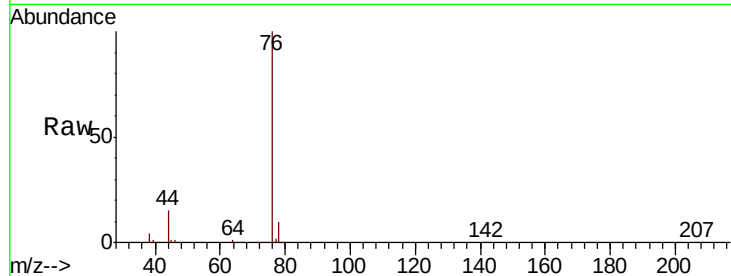
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 76 Resp: 189572

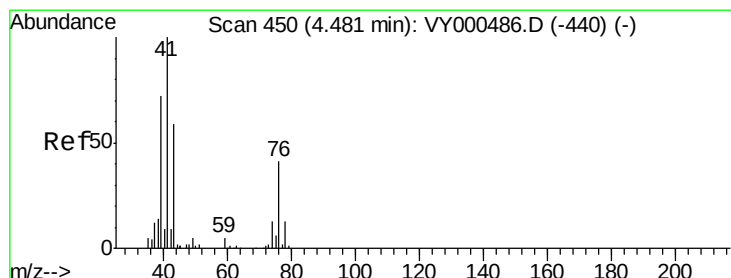
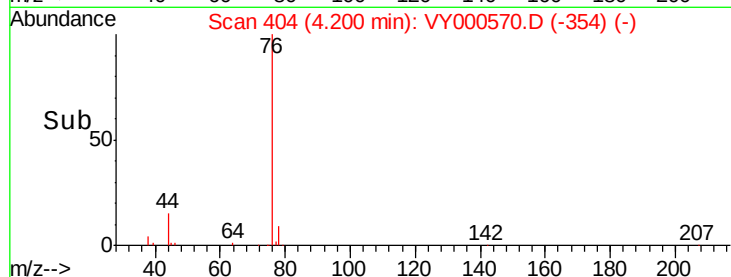
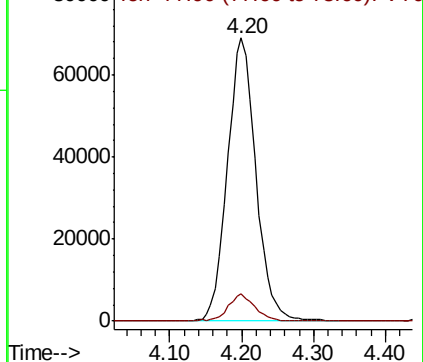
Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3



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



#18

Methyl Acetate

Concen: 23.176 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000570.D

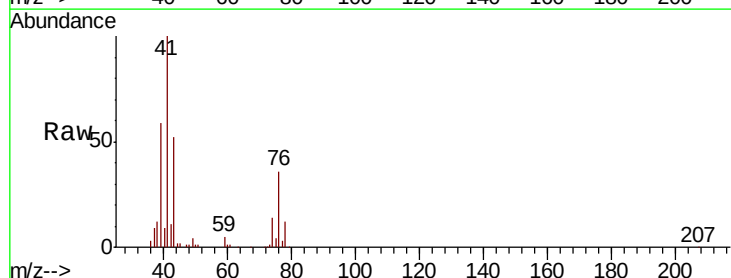
Acq: 07 Nov 2019 11:23

Tgt Ion: 43 Resp: 58446

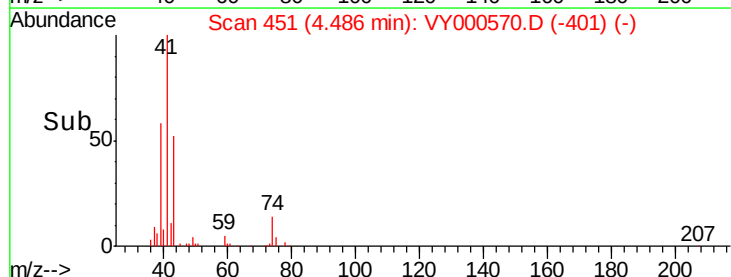
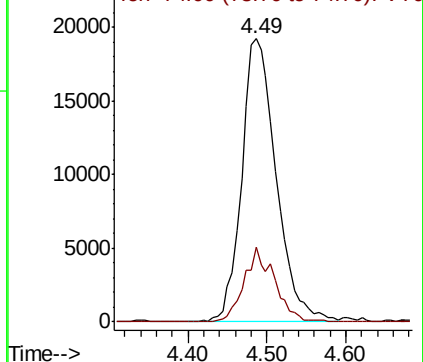
Ion Ratio Lower Upper

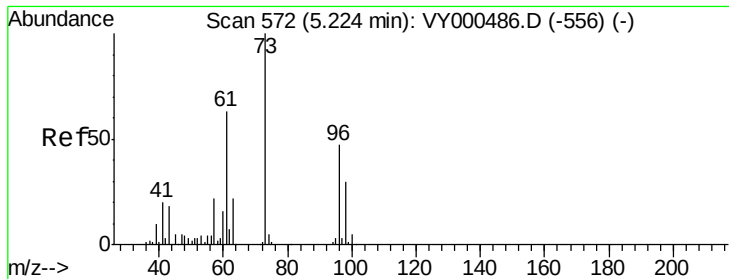
43 100

74 23.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0



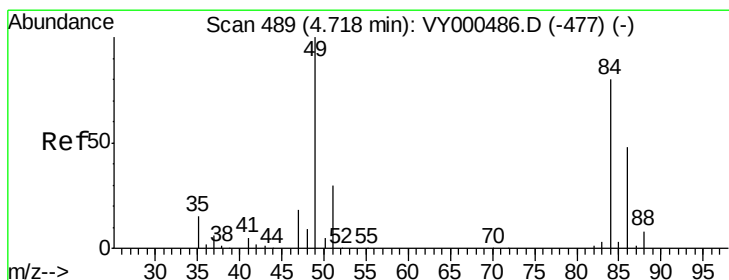
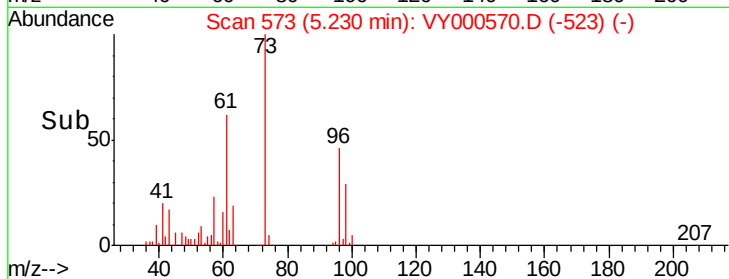
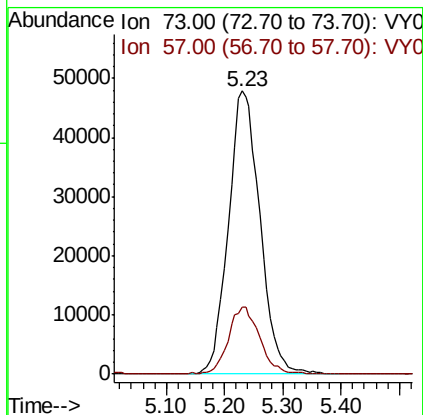
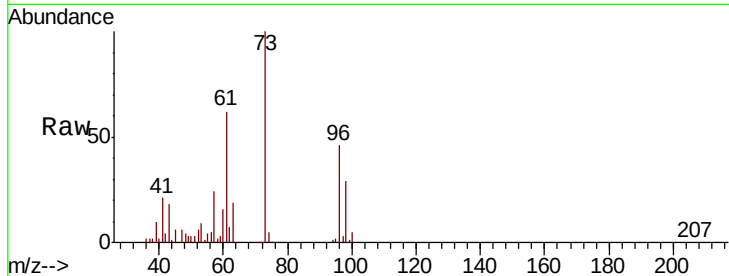


#19

Methyl tert-butyl Ether
 Concen: 22.735 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Instrument :
 MSVOA_Y
 ClientSampled :

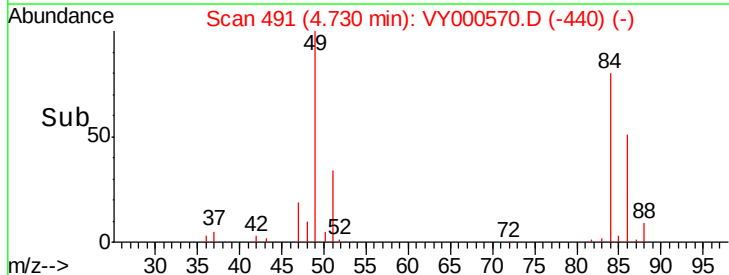
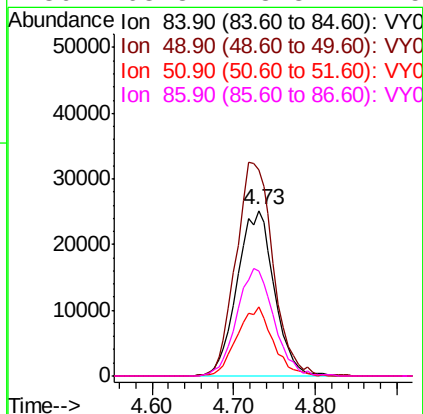
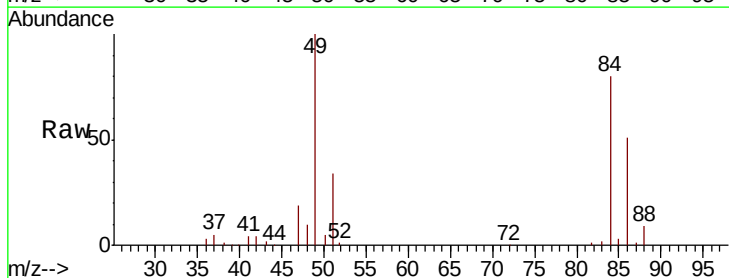
Tot Ion: 73 Resp: 179546
 Ion Ratio Lower Upper
 73 100
 57 23.6 17.4 26.0

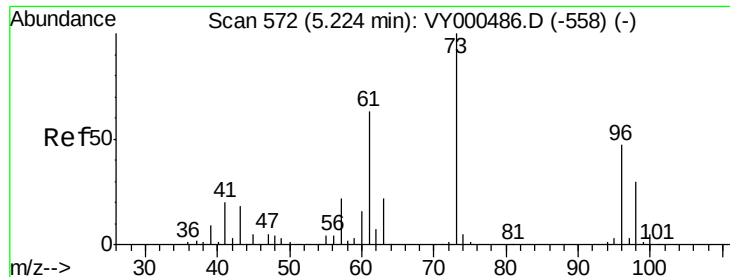


#20

Methylene Chloride
 Concen: 22.904 ug/l
 RT: 4.73 min Scan# 491
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion: 84 Resp: 79598
 Ion Ratio Lower Upper
 84 100
 49 124.4 100.2 150.4
 51 41.8 29.6 44.4
 86 63.8 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 22.592 ug/l

RT: 5.24 min Scan# 574

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampled :

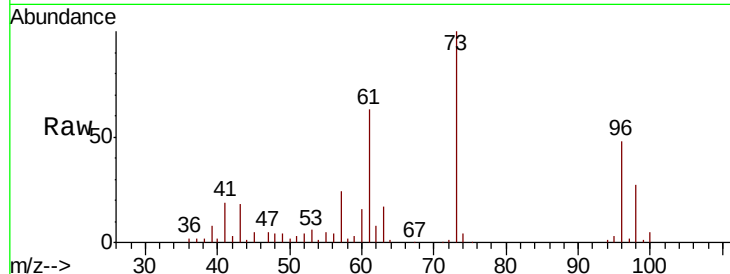
Tot Ion: 96 Resp: 72546

Ion Ratio Lower Upper

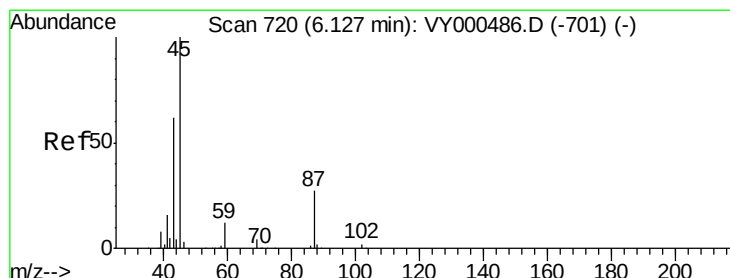
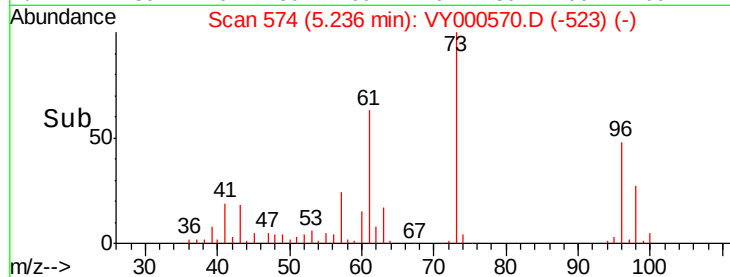
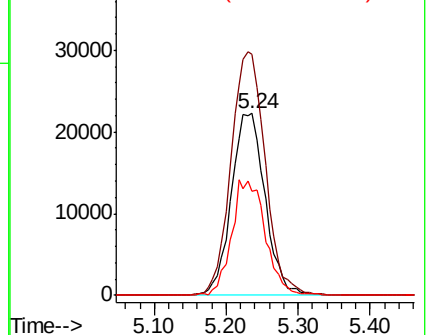
96 100

61 132.8 106.6 160.0

98 57.5 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: 22.863 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Tgt Ion: 45 Resp: 229519

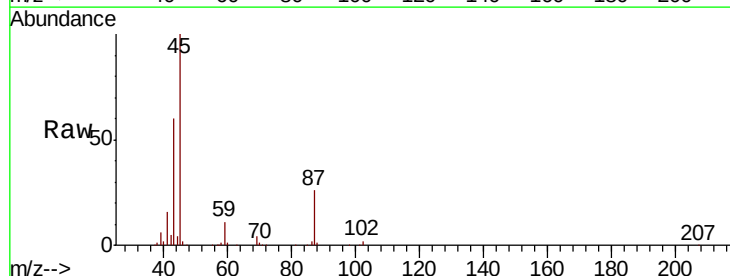
Ion Ratio Lower Upper

45 100

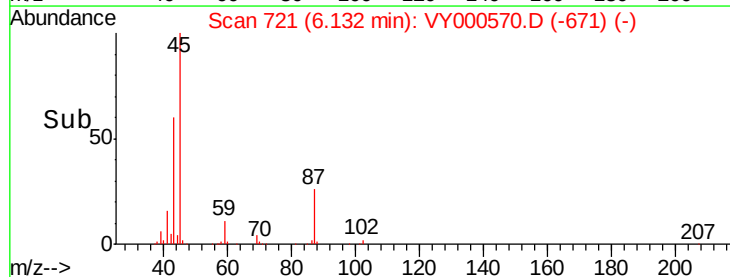
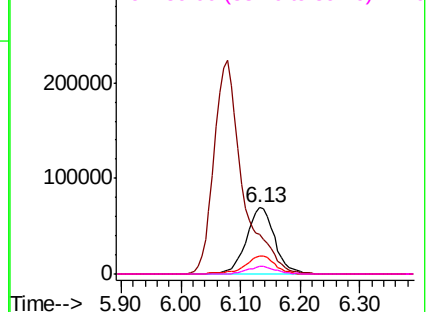
43 59.4 50.0 75.0

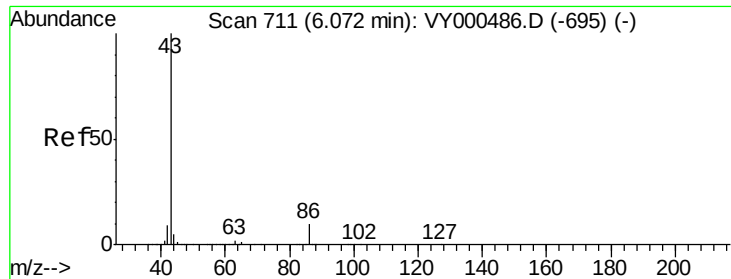
87 26.2 21.6 32.4

59 11.1 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: 117.151 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

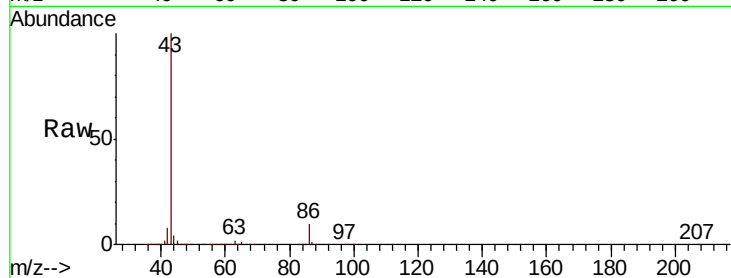
ClientSampleId :

Tot Ion: 43 Resp: 742398

Ion Ratio Lower Upper

43 100

86 9.5 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

250000

200000

150000

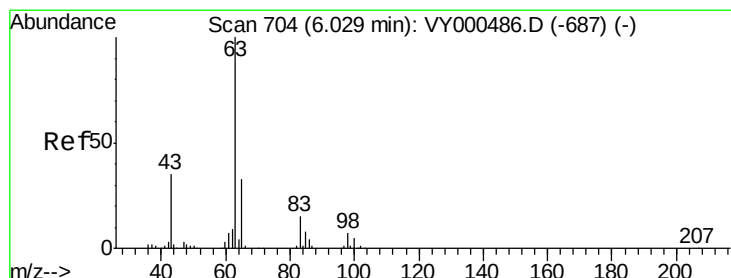
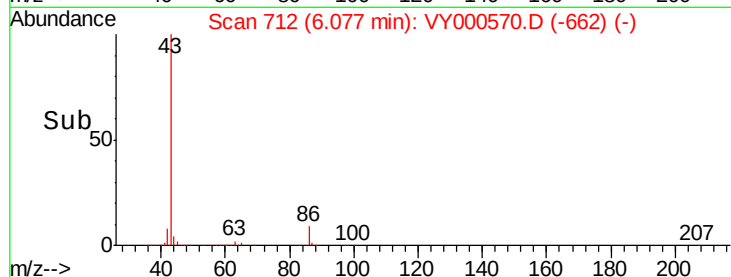
100000

50000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 22.737 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

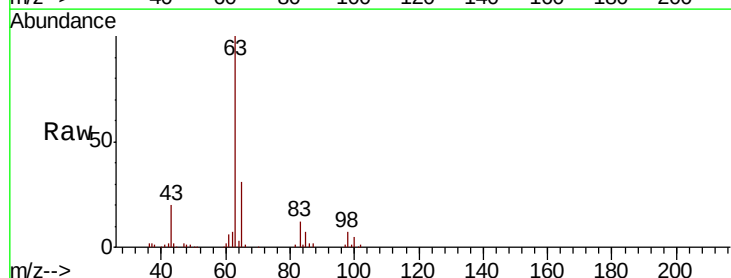
Tgt Ion: 63 Resp: 123656

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

100 4.5 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

6.03

50000

40000

30000

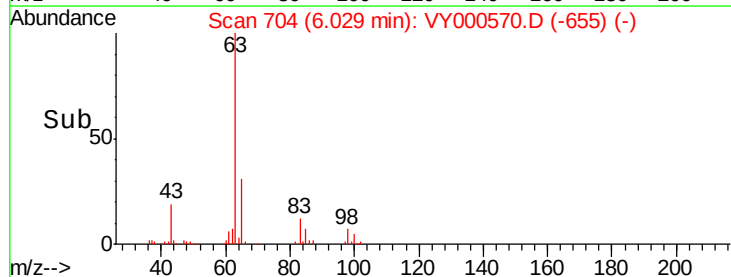
20000

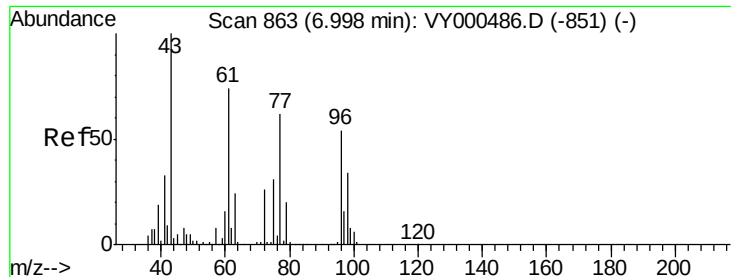
10000

0

Time-->

5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 110.314 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

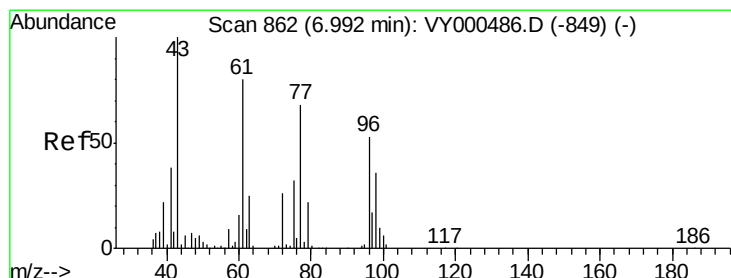
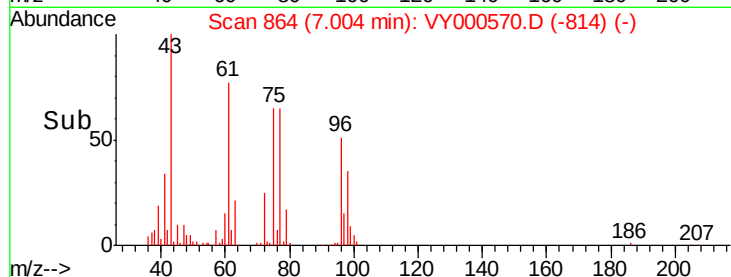
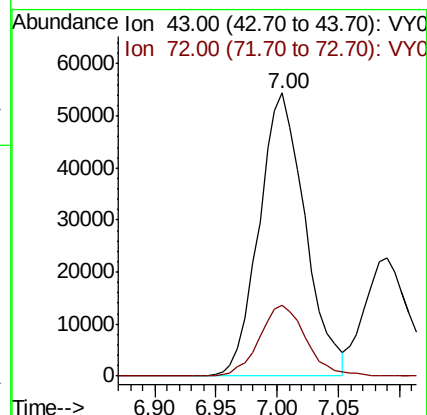
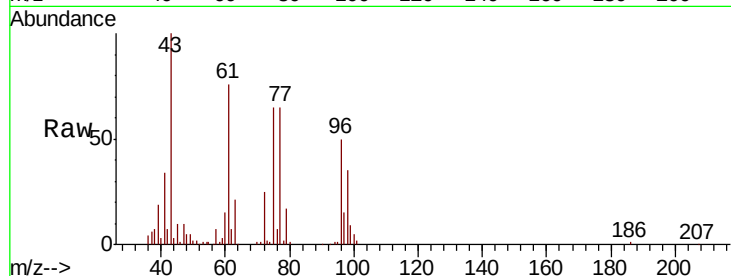
ClientSampled :

Tot Ion: 43 Resp: 142789

Ion Ratio Lower Upper

43 100

72 25.2 20.9 31.3



#26

2,2-Dichloropropane

Concen: 22.462 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000570.D

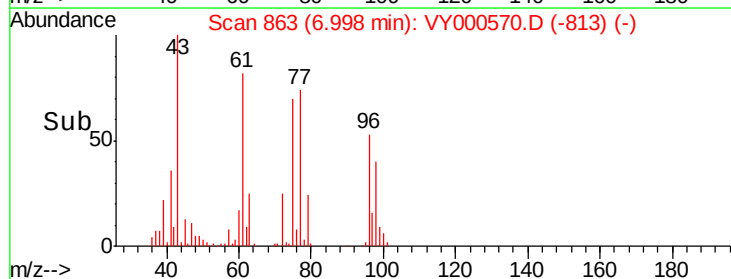
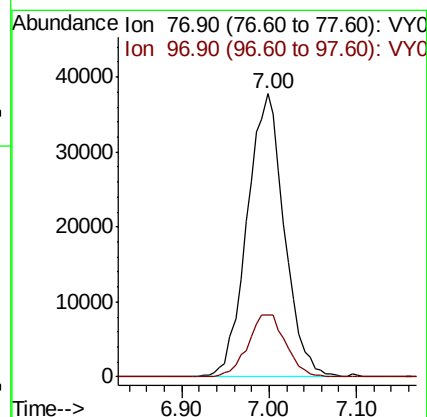
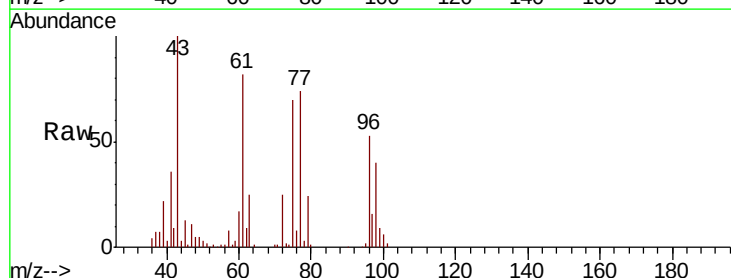
Acq: 07 Nov 2019 11:23

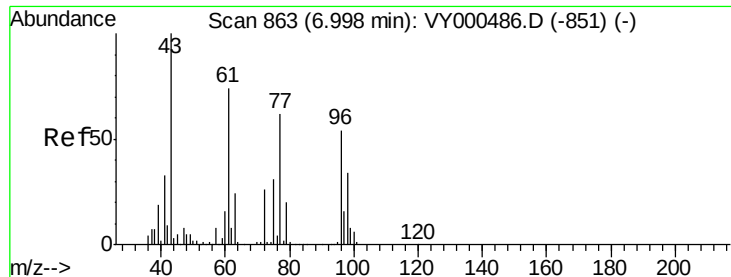
Tgt Ion: 77 Resp: 111640

Ion Ratio Lower Upper

77 100

97 22.3 11.8 35.4



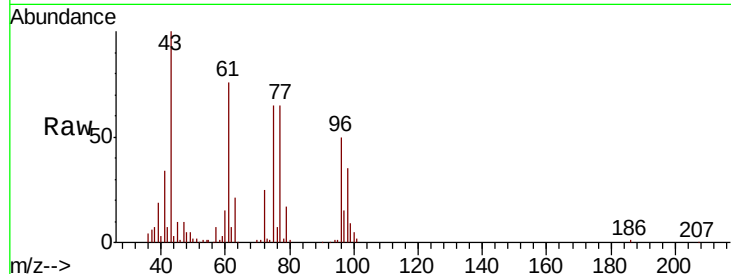


#27

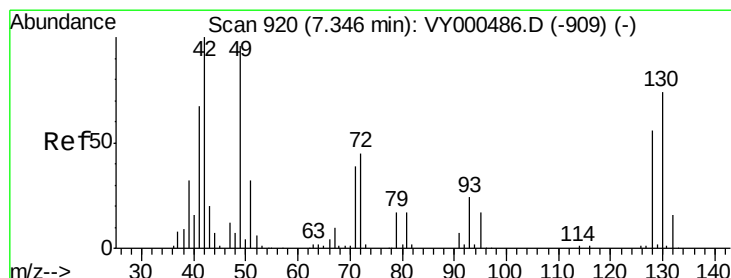
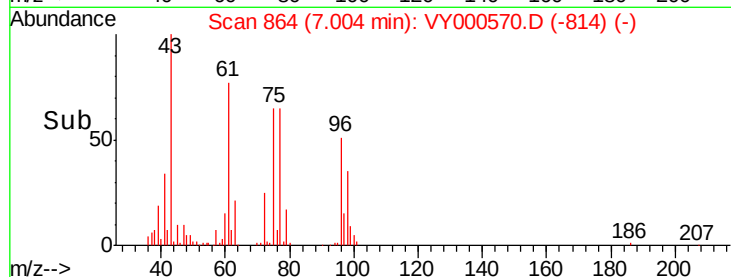
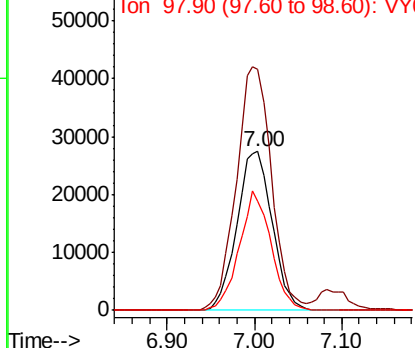
cis-1,2-Dichloroethene
Concen: 21.894 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 76878
Ion Ratio Lower Upper
96 100
61 153.0 0.0 287.0
98 67.5 0.0 129.4



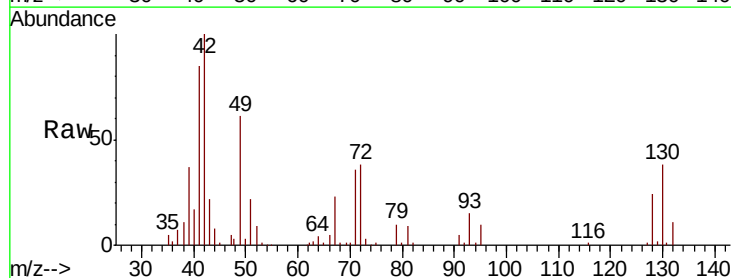
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



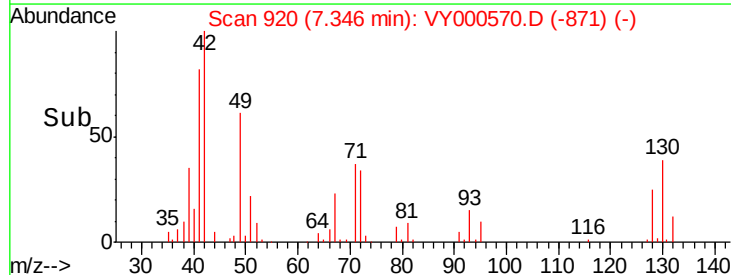
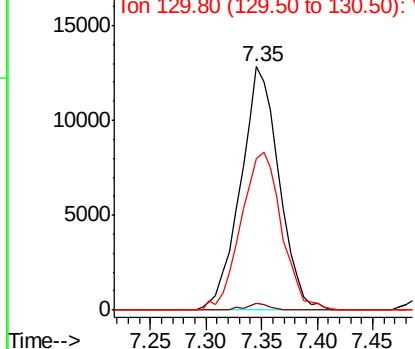
#28

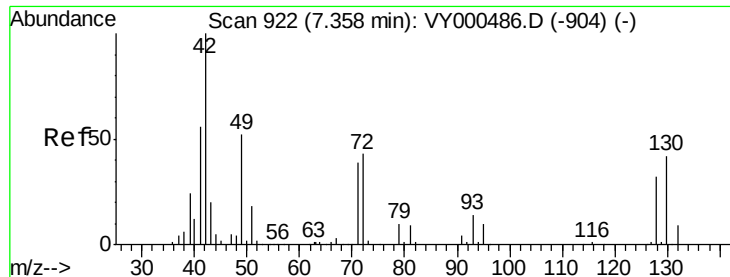
Bromochloromethane
Concen: 15.468 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 49 Resp: 30731
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.6
130 68.8 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

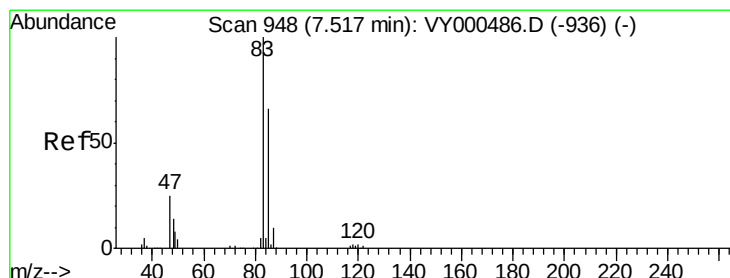
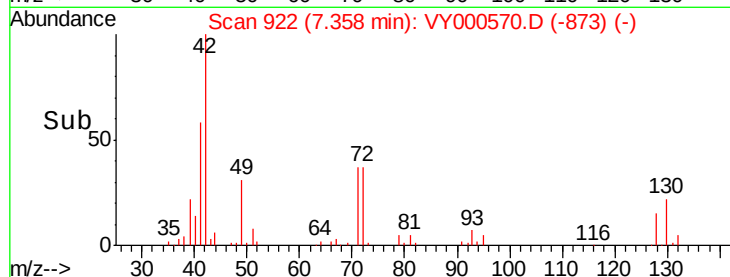
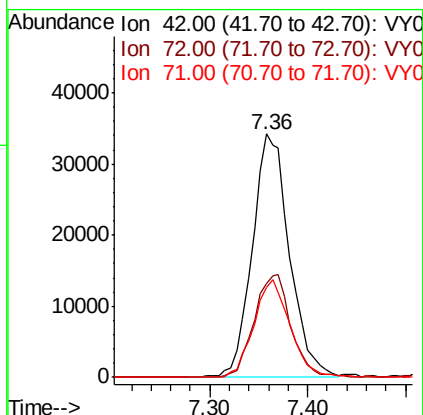
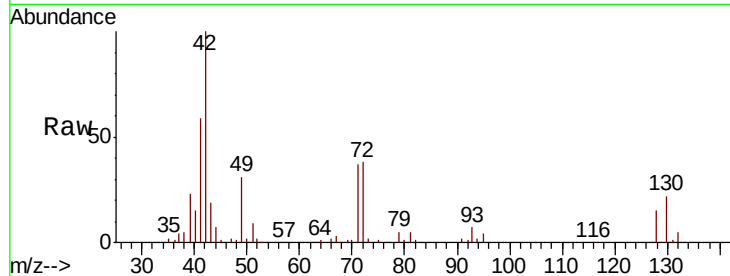




#29
Tetrahydrofuran
Concen: 114.277 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

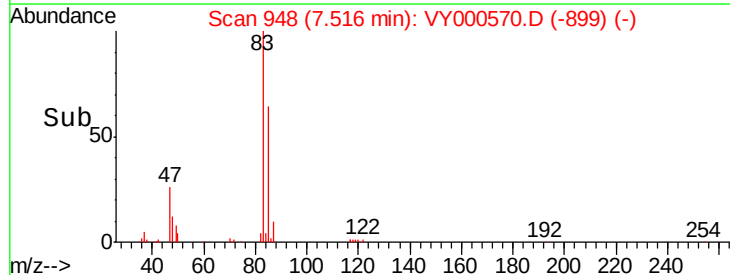
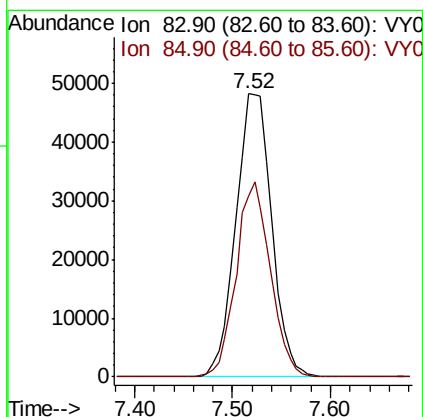
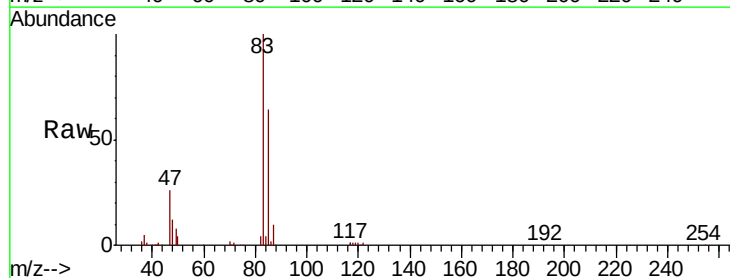
Instrument :
MSVOA_Y
ClientSampleId :

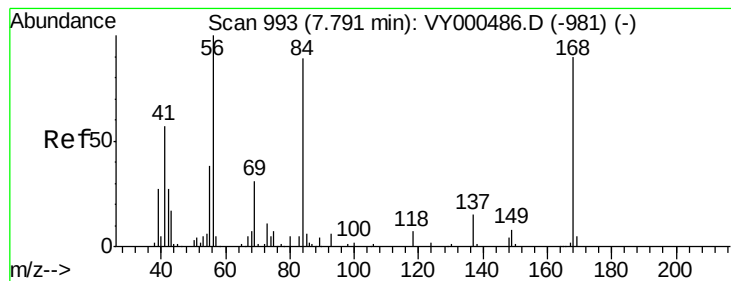
Tot Ion: 42 Resp: 90491
Ion Ratio Lower Upper
42 100
72 41.9 34.0 51.0
71 39.2 30.8 46.2



#30
Chloroform
Concen: 22.330 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 83 Resp: 122853
Ion Ratio Lower Upper
83 100
85 64.0 53.0 79.4





#31

Cyclohexane

Concen: 22.265 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

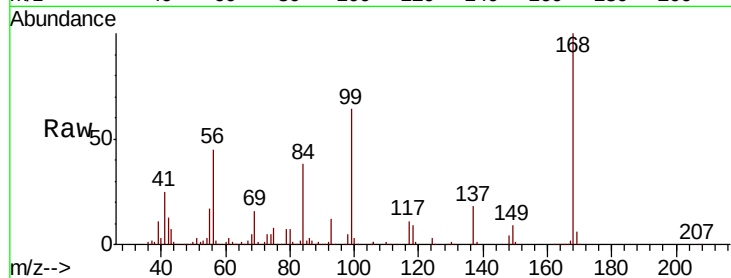
Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 126827

Ion	Ratio	Lower	Upper
56	100		
69	35.6	25.0	37.6
84	82.8	71.4	107.2

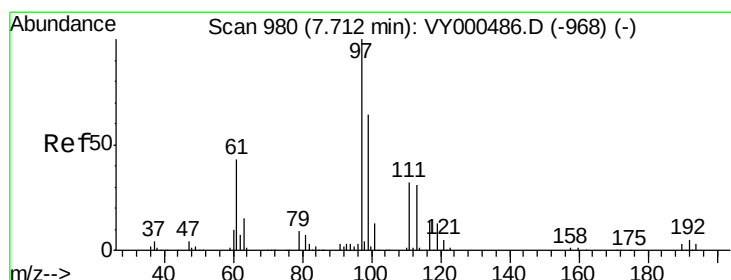
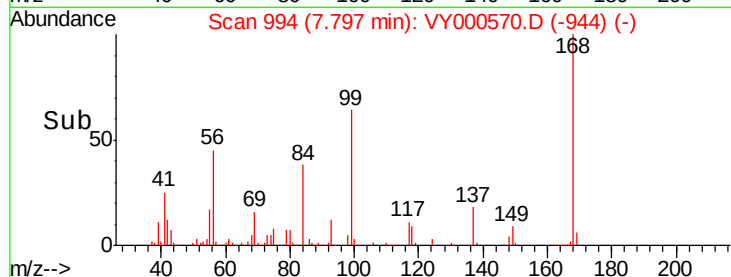
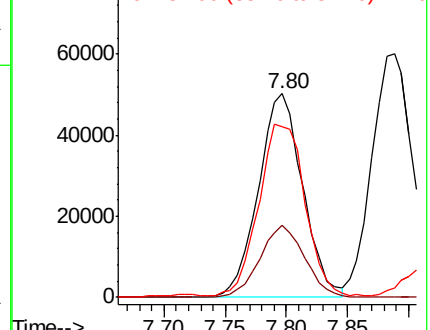


Abundance

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: 22.626 ug/l

RT: 7.72 min Scan# 981

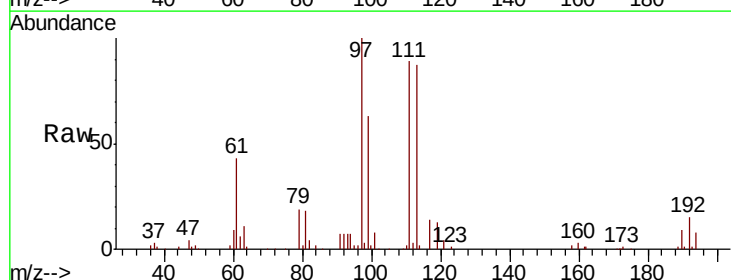
Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Tgt Ion: 97 Resp: 110940

Ion	Ratio	Lower	Upper
97	100		
99	62.0	50.9	76.3
61	44.6	34.9	52.3

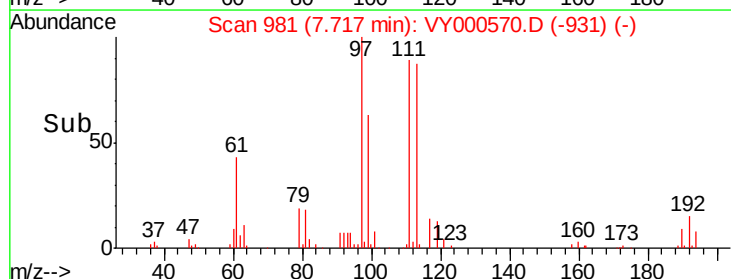
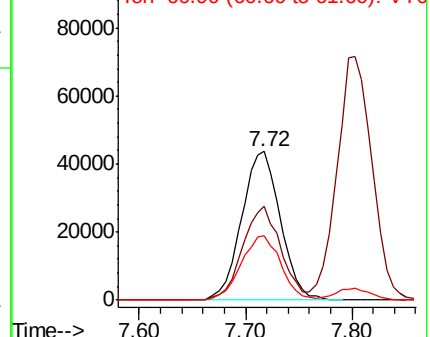


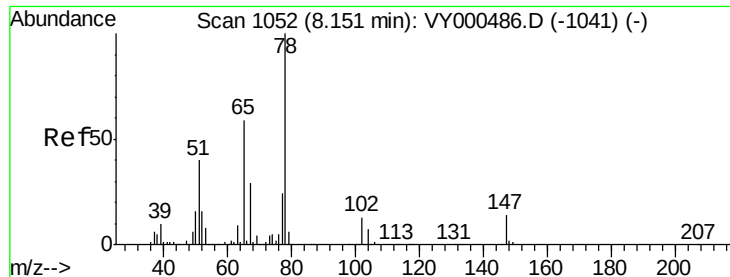
Abundance

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

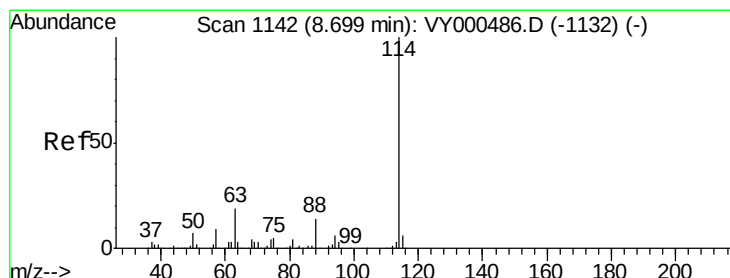
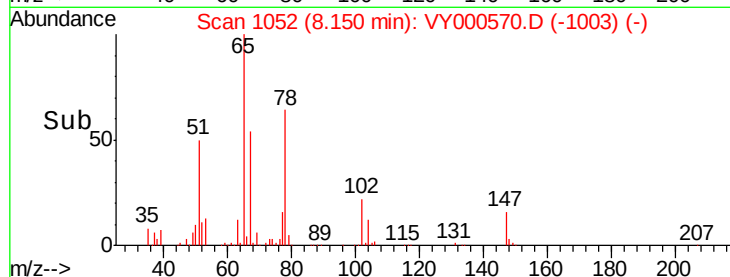
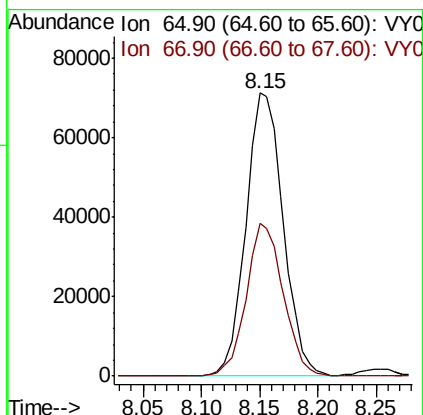
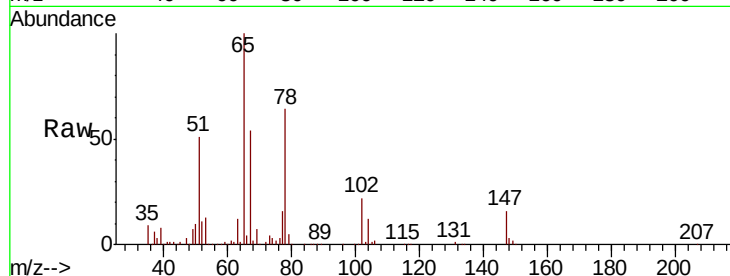




#33
 1,2-Dichloroethane-d4
 Concen: 53.873 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

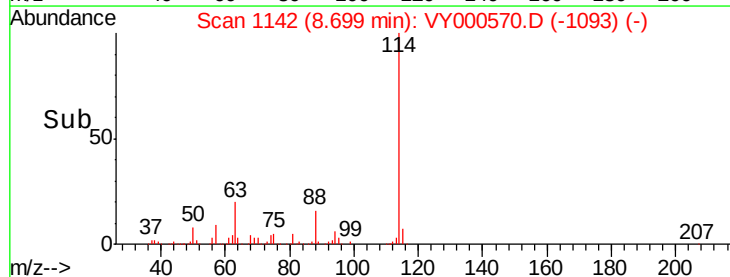
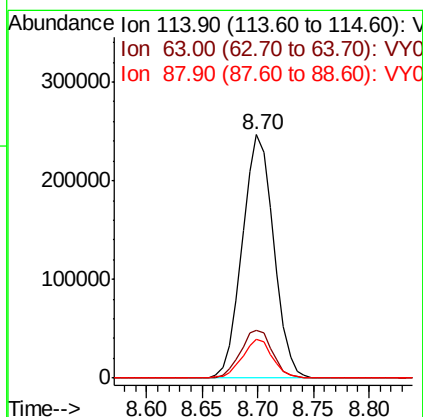
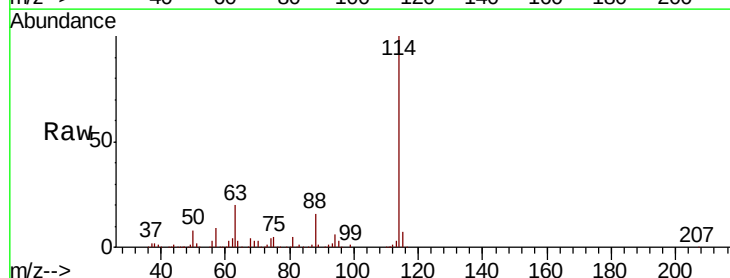
Instrument :
 MSVOA_Y
 ClientSampleId :

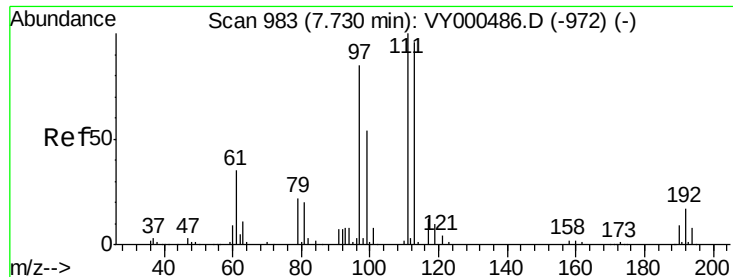
Tot Ion: 65 Resp: 158533
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion: 114 Resp: 484419
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.0
 88 16.0 0.0 28.6

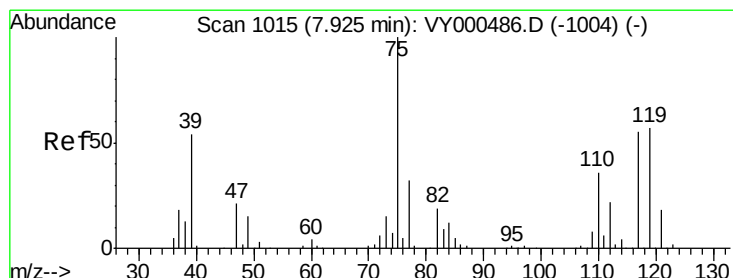
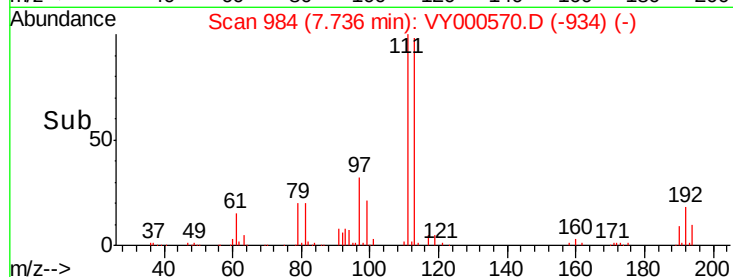
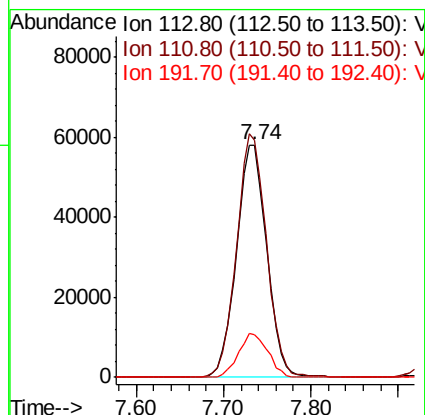
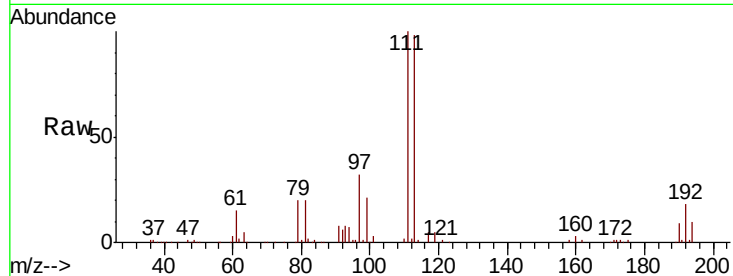




#35
 Dibromofluoromethane
 Concen: 49.226 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

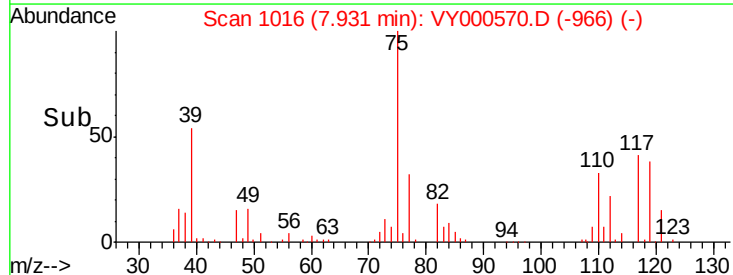
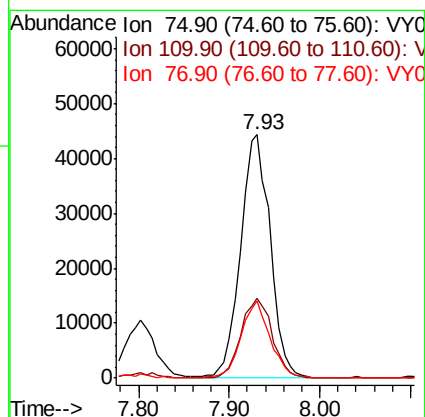
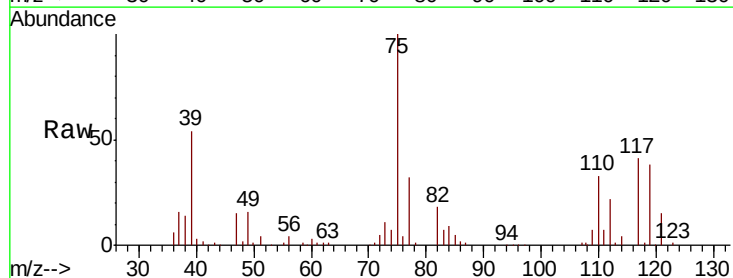
Instrument :
 MSVOA_Y
 ClientSampleId :

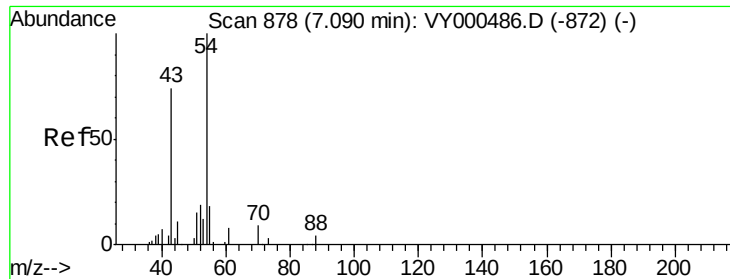
Tot Ion:113 Resp: 139991
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.7 122.5
 192 18.5 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 22.028 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion: 75 Resp: 100875
 Ion Ratio Lower Upper
 75 100
 110 34.2 18.1 54.1
 77 31.0 25.0 37.6

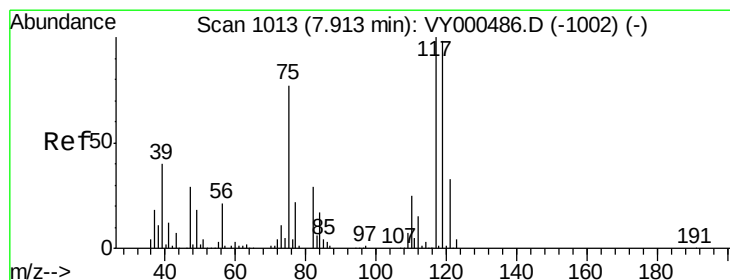
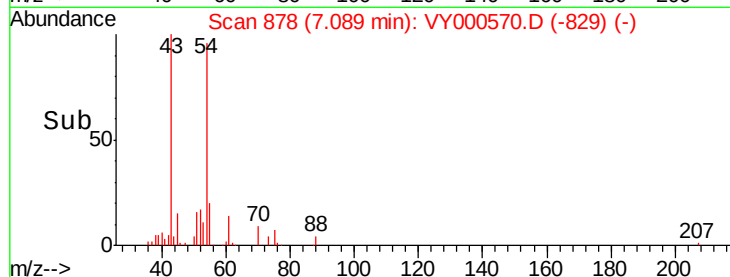
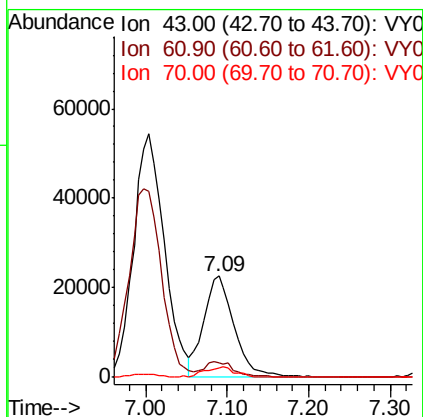
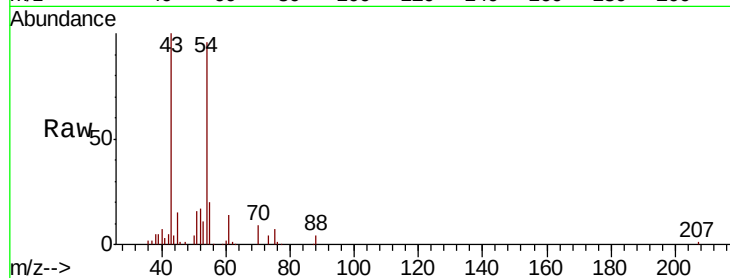




#37
Ethyl Acetate
Concen: 21.786 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

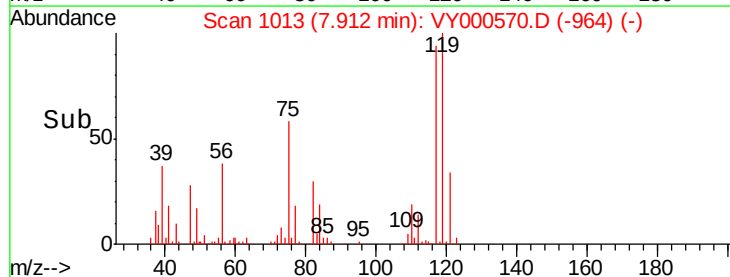
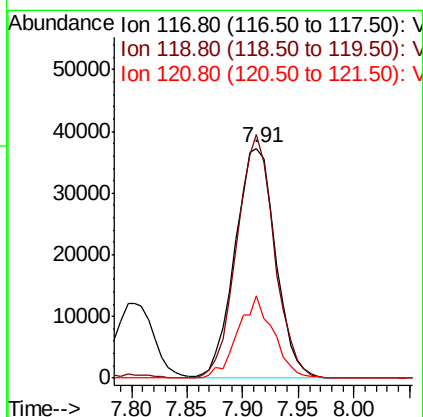
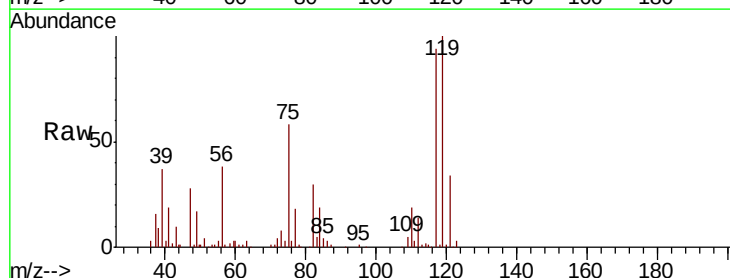
Instrument :
MSVOA_Y
ClientSampleId :

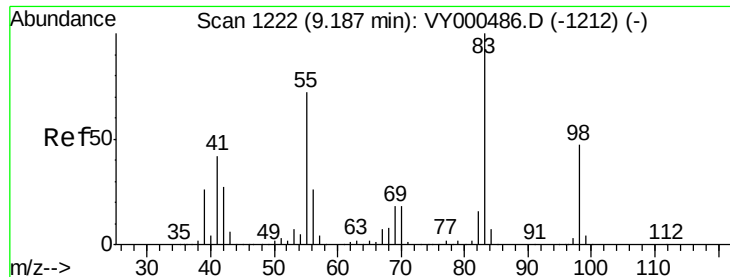
Tot Ion: 43 Resp: 59232
Ion Ratio Lower Upper
43 100
61 15.4 10.2 15.2#
70 10.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.458 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 117 Resp: 94552
Ion Ratio Lower Upper
117 100
119 105.9 78.0 117.0
121 36.0 26.6 40.0

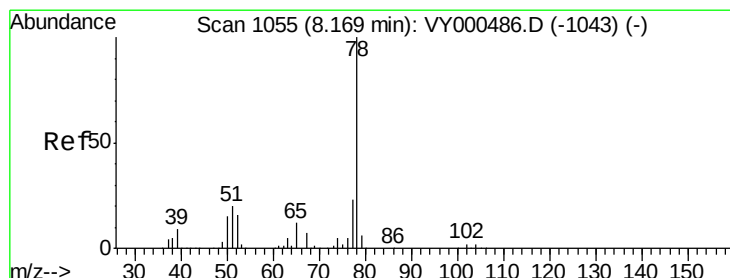
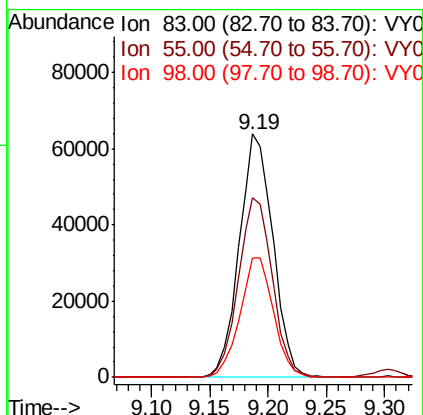
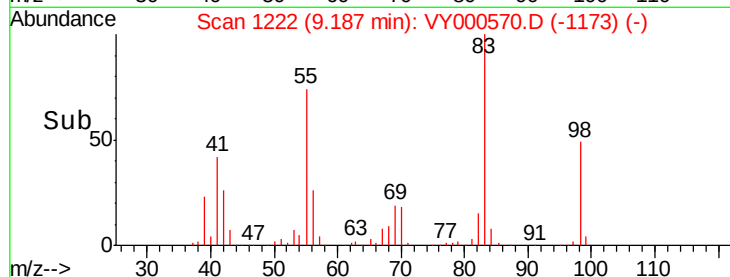
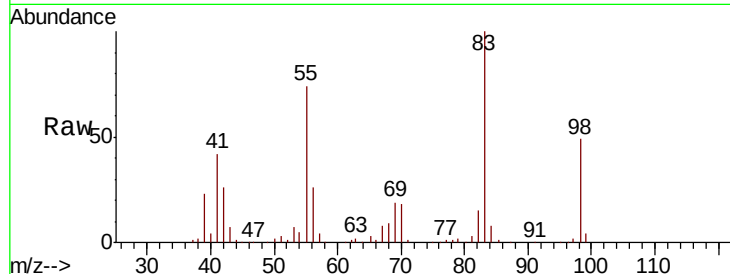




#39
Methylvlcyclohexane
Concen: 21.750 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

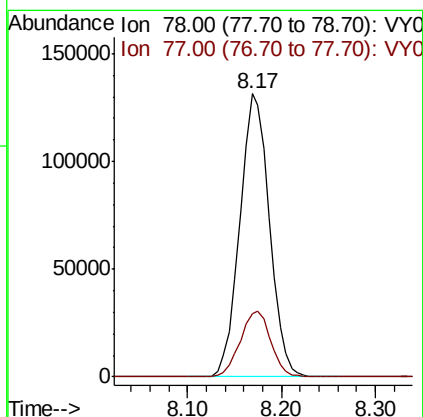
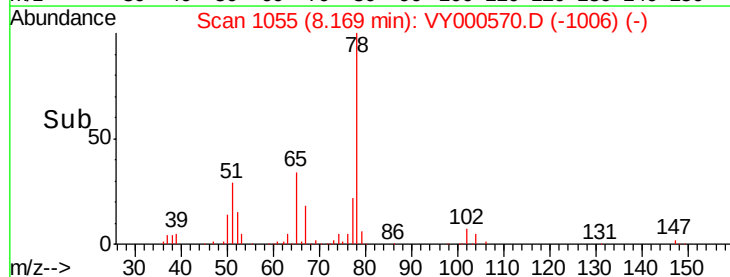
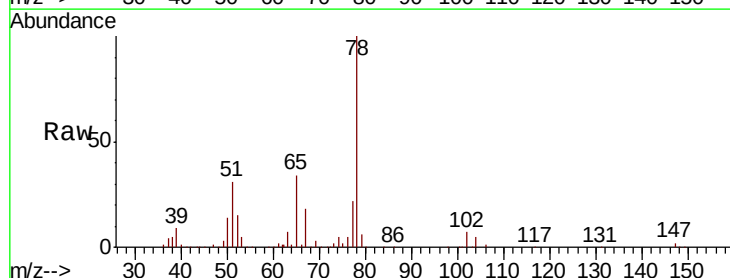
Instrument :
MSVOA_Y
ClientSampleId :

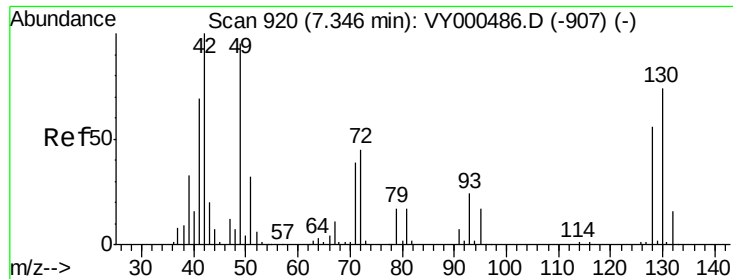
Tot Ion: 83 Resp: 128679
Ion Ratio Lower Upper
83 100
55 73.6 57.5 86.3
98 49.2 38.0 57.0



#40
Benzene
Concen: 21.510 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 78 Resp: 288797
Ion Ratio Lower Upper
78 100
77 22.5 18.6 28.0

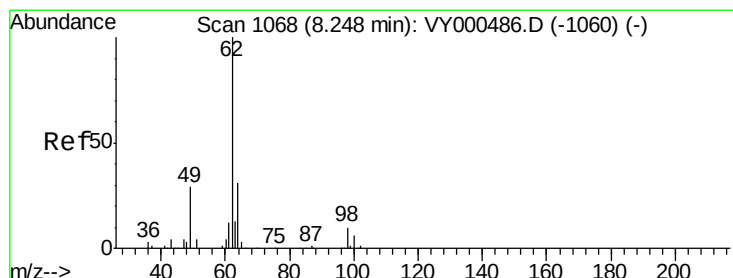
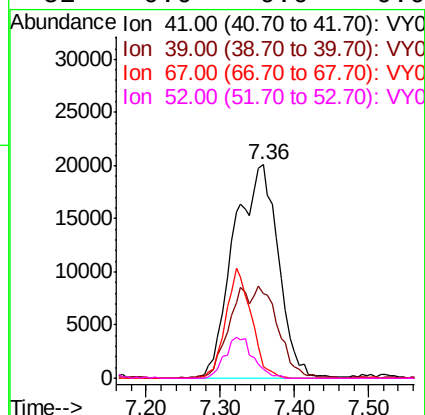
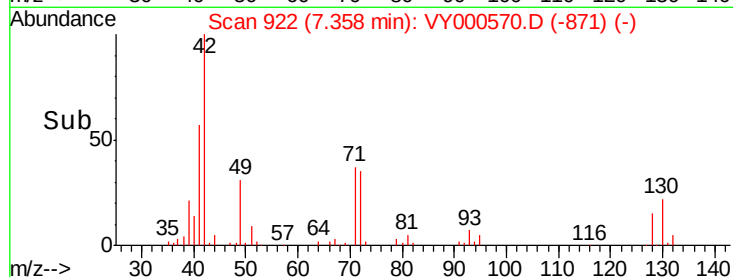
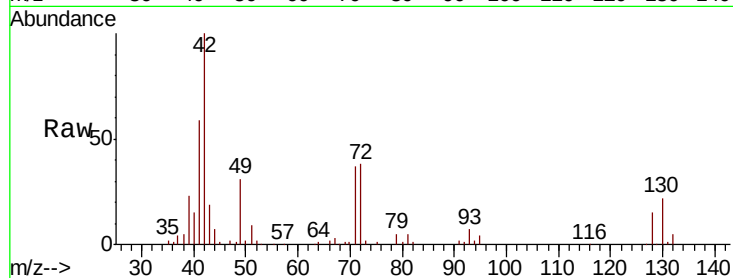




#41
Methacrylonitrile
Concen: 55.494 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

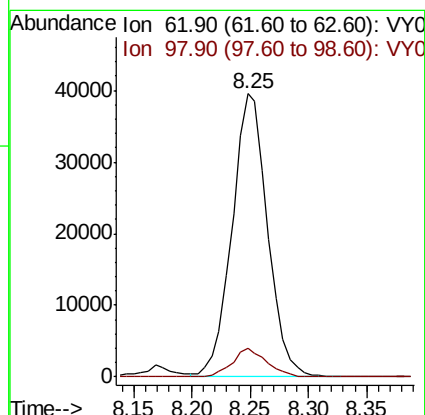
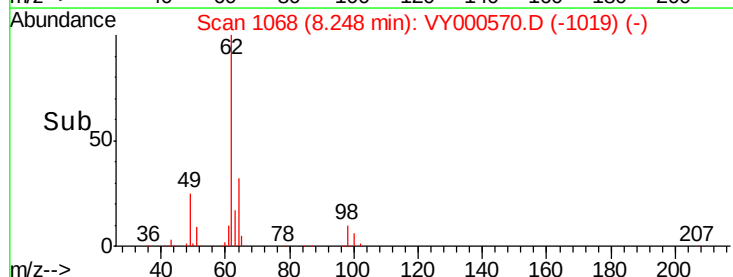
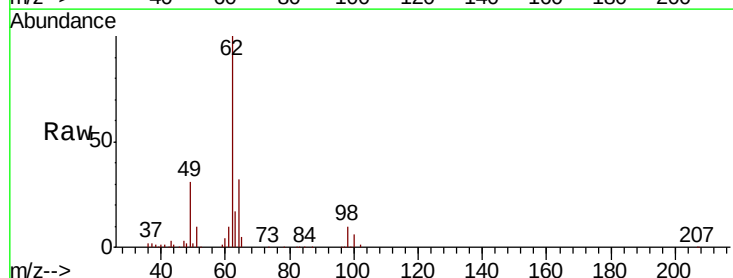
Instrument :
MSVOA_Y
ClientSampled :

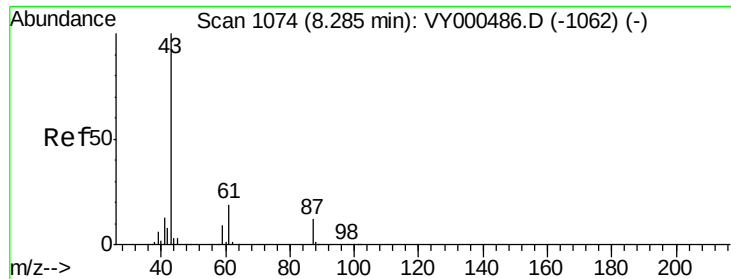
Tot Ion: 41 Resp: 84170
Ion Ratio Lower Upper
41 100
39 0.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.950 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 62 Resp: 83586
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.2





#43

Isopropyl Acetate

Concen: 22.726 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampleId :

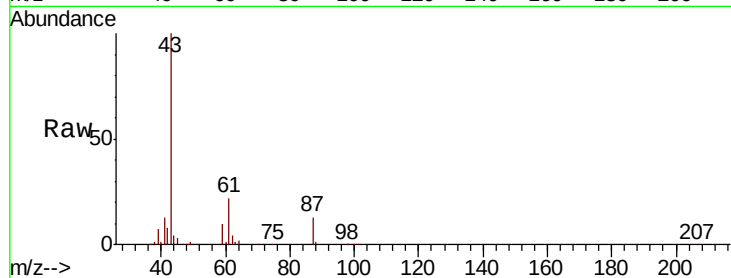
Tot Ion: 43 Resp: 116072

Ion Ratio Lower Upper

43 100

61 28.0 23.0 34.4

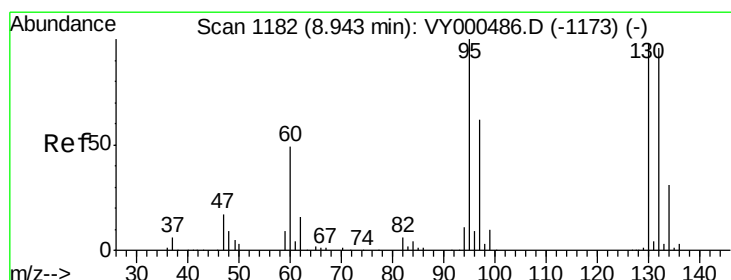
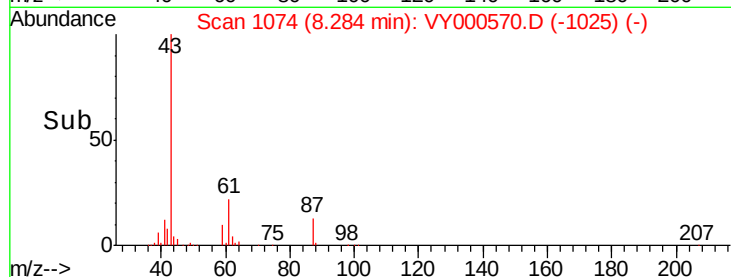
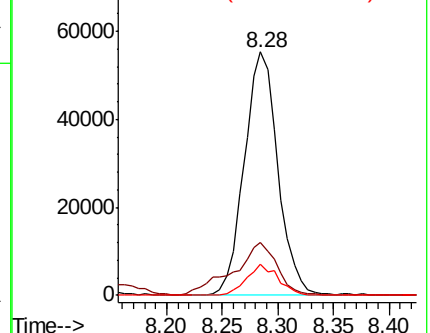
87 12.1 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000570.D (-1072) (-)

Ion 61.00 (60.70 to 61.70): VY000570.D (-1072) (-)

Ion 87.00 (86.70 to 87.70): VY000570.D (-1072) (-)



#44

Trichloroethene

Concen: 21.607 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000570.D

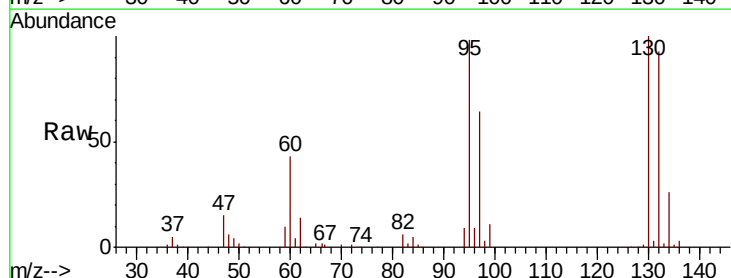
Acq: 07 Nov 2019 11:23

Tgt Ion:130 Resp: 76487

Ion Ratio Lower Upper

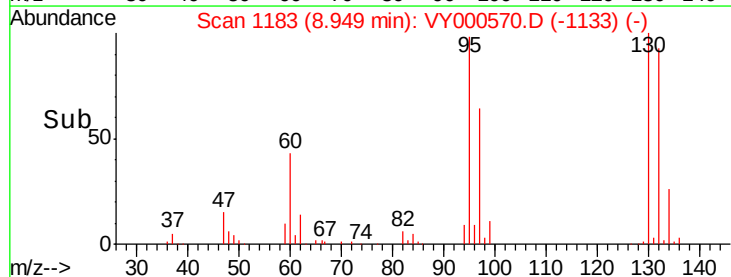
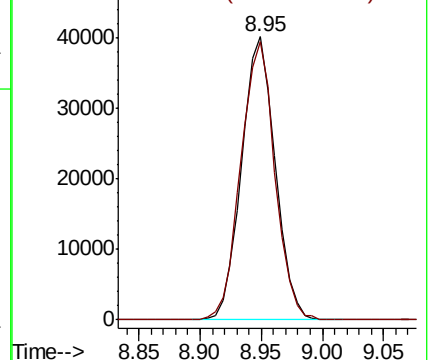
130 100

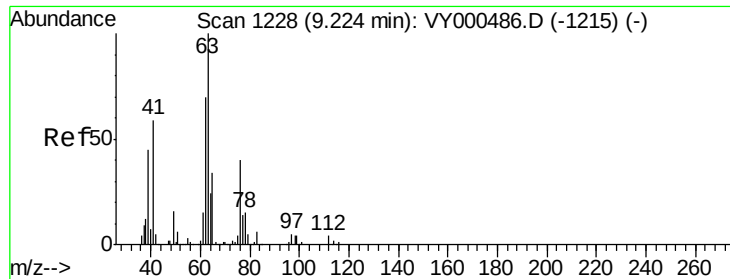
95 98.1 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000570.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY000570.D (-1183) (-)





#45

1,2-Dichloropropane

Concen: 21.989 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

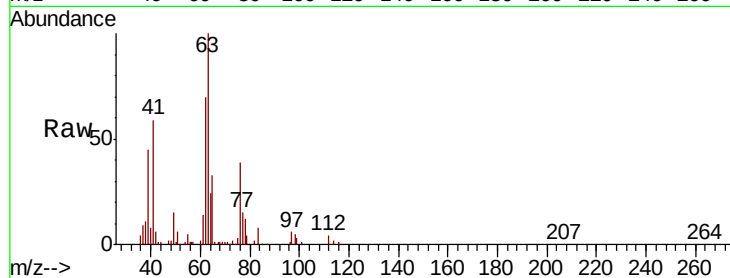
ClientSampleId :

Tot Ion: 63 Resp: 72661

Ion Ratio Lower Upper

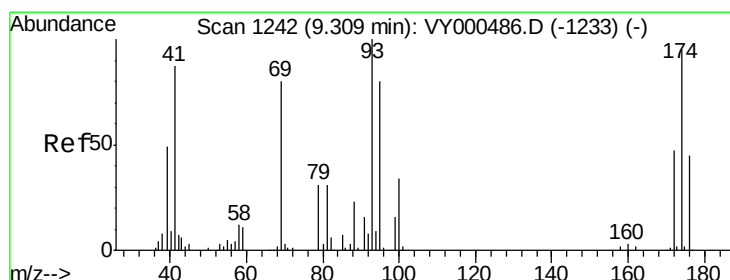
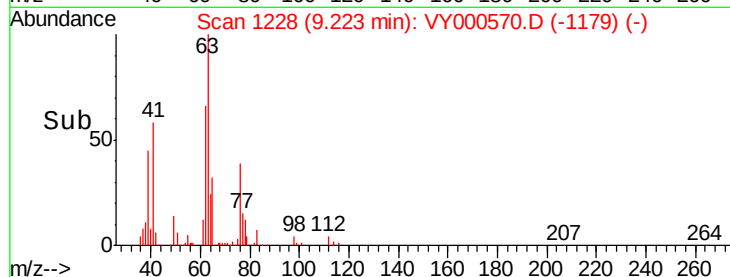
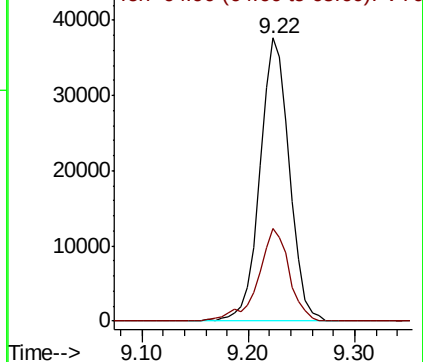
63 100

65 32.6 27.0 40.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 21.662 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

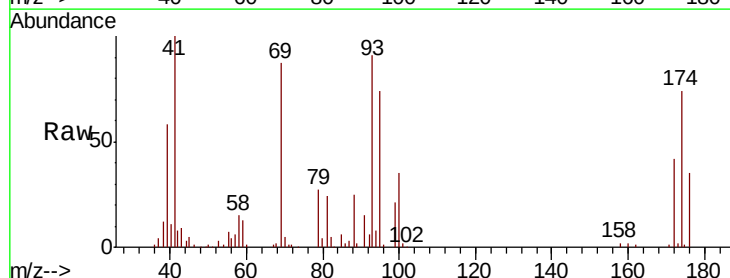
Tgt Ion: 93 Resp: 39365

Ion Ratio Lower Upper

93 100

95 83.8 66.4 99.6

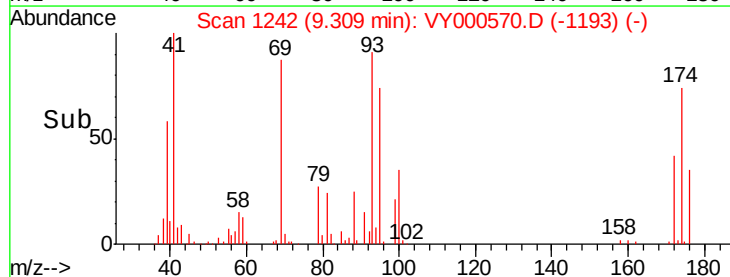
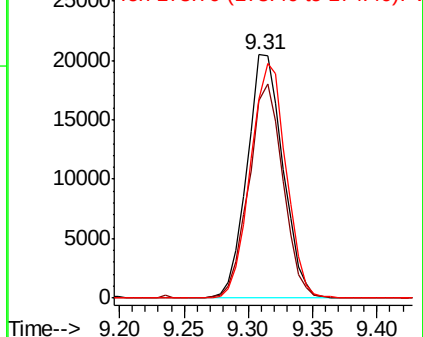
174 95.1 77.1 115.7

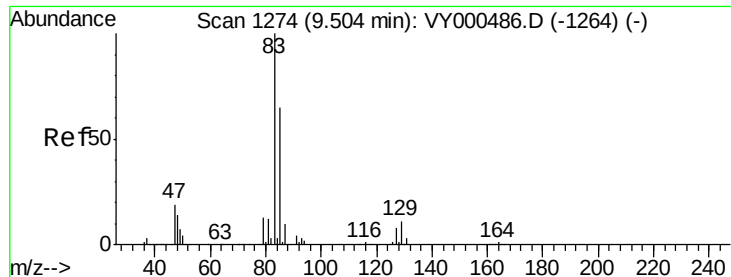


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.643 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampleId :

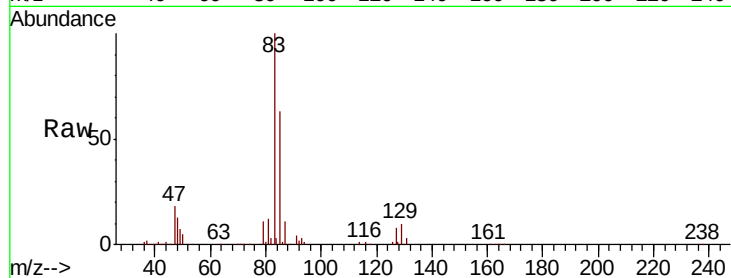
Tot Ion: 83 Resp: 93327

Ion Ratio Lower Upper

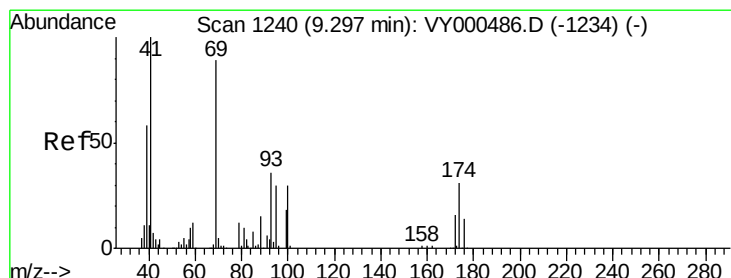
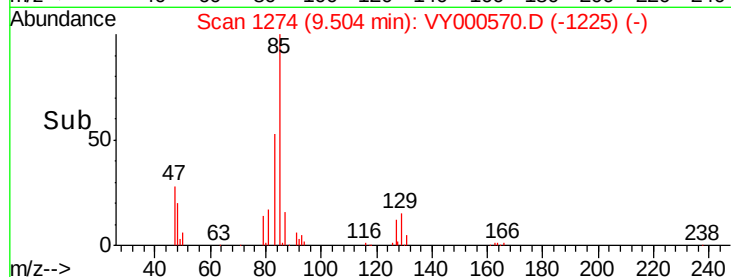
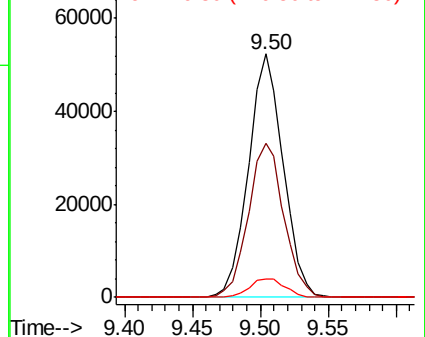
83 100

85 63.4 51.8 77.8

127 7.5 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: 22.796 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

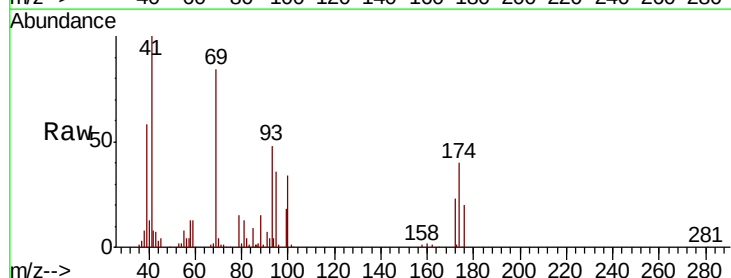
Tgt Ion: 41 Resp: 50870

Ion Ratio Lower Upper

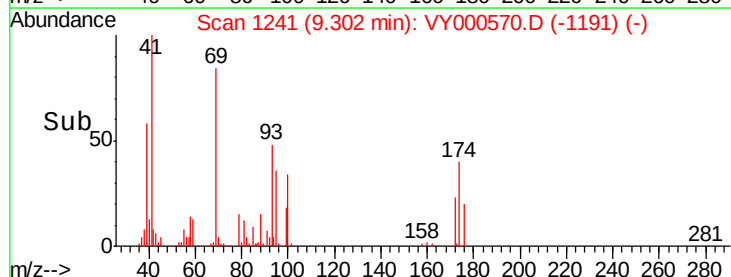
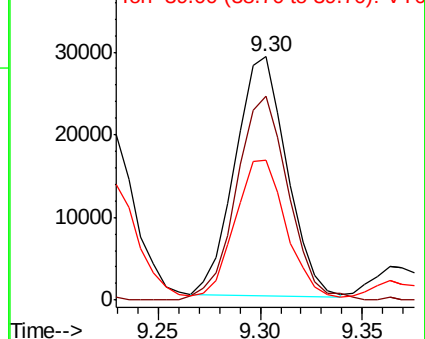
41 100

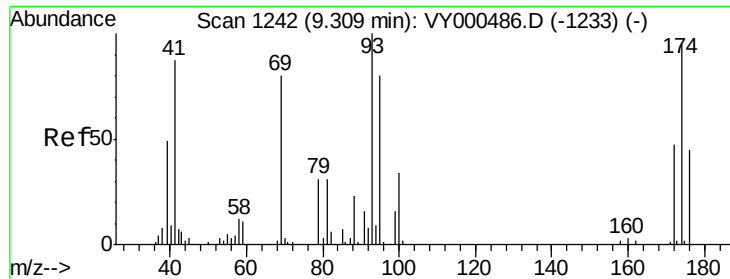
69 85.8 72.5 108.7

39 58.4 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

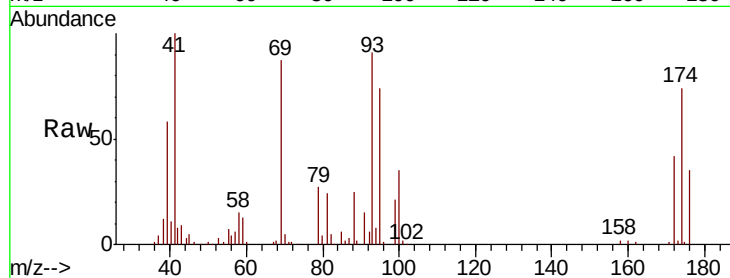




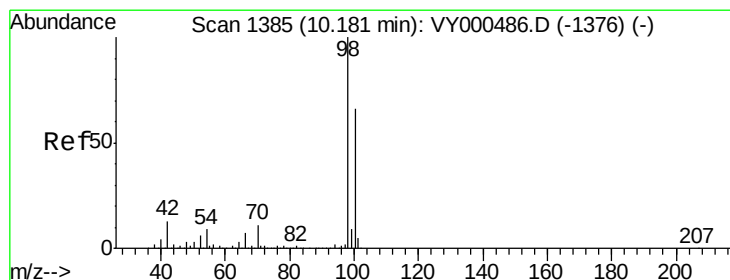
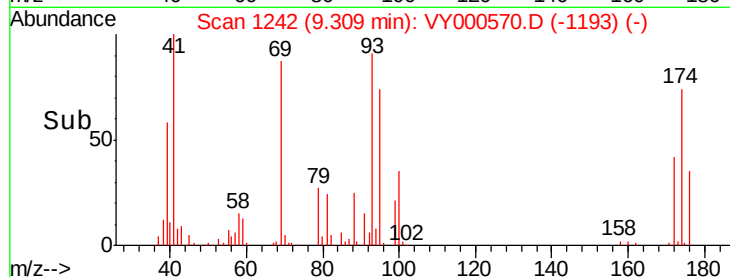
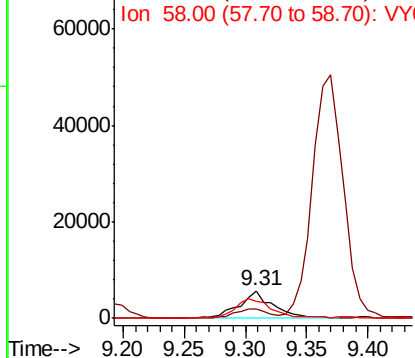
#49
 1,4-Dioxane
 Concen: 453.719 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 88 Resp: 11097
 Ion Ratio Lower Upper
 88 100
 43 30.9 25.1 37.7
 58 76.5 50.6 75.8#

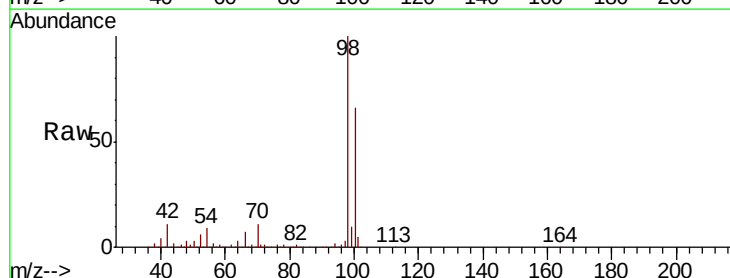


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

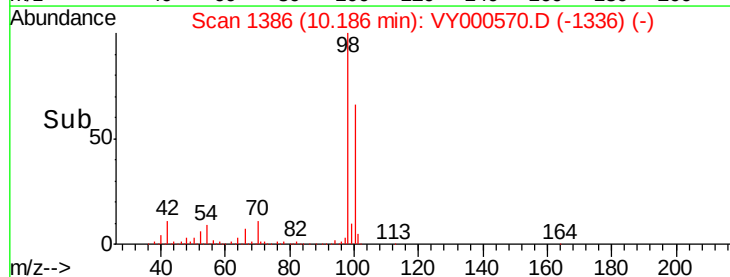
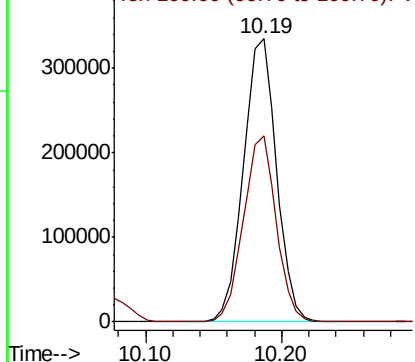


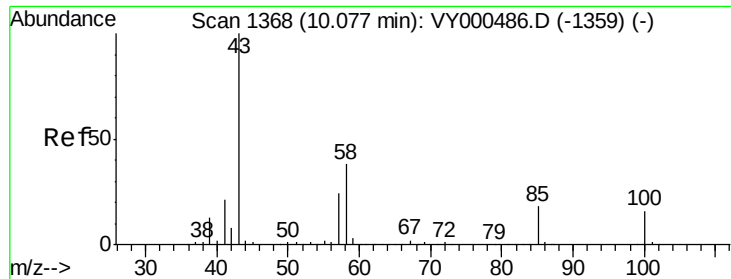
#50
 Toluene-d8
 Concen: 52.818 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion: 98 Resp: 569954
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.9 79.3



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

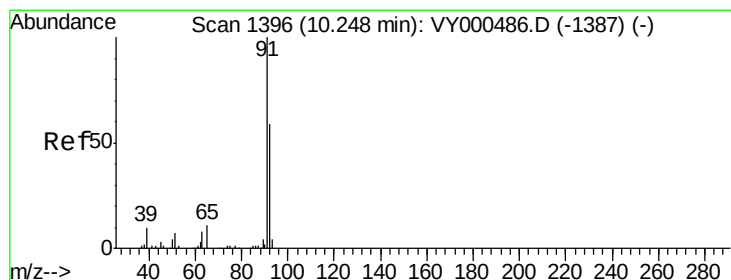
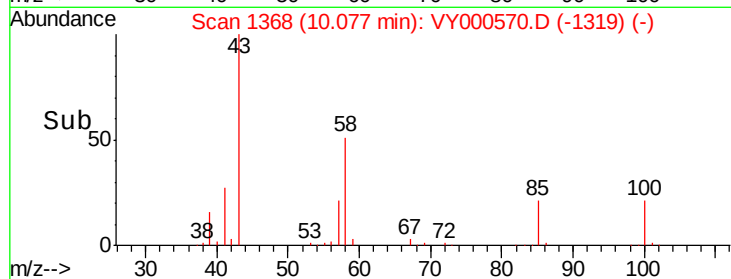
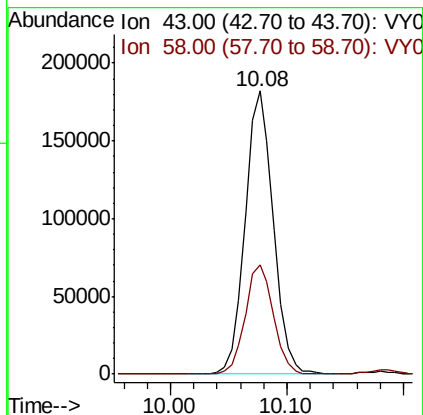
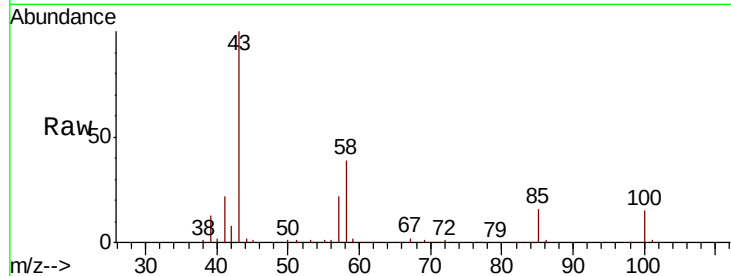




#51
 4-Methyl-2-Pentanone
 Concen: 112.512 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

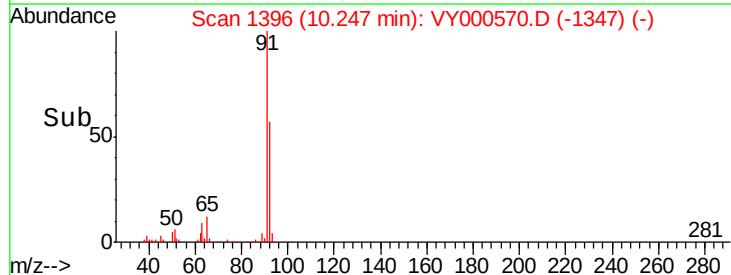
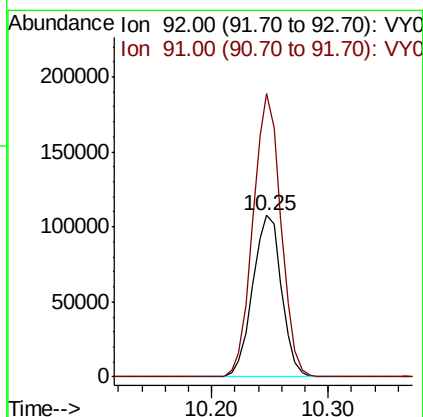
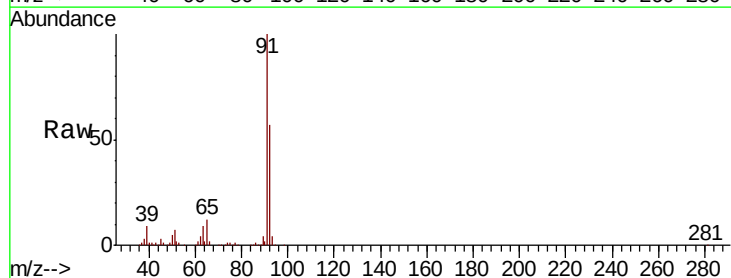
Instrument :
 MSVOA_Y
 ClientSampled :

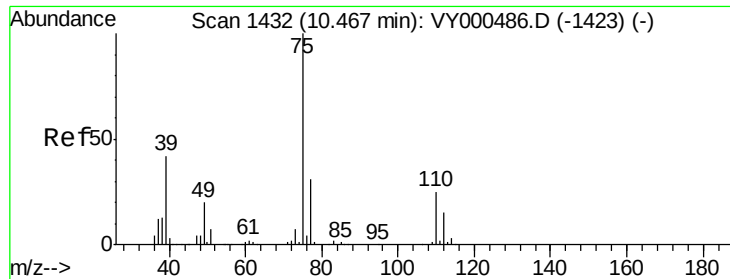
Tot Ion: 43 Resp: 305520
 Ion Ratio Lower Upper
 43 100
 58 38.9 30.2 45.4



#52
 Toluene
 Concen: 21.916 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion: 92 Resp: 186030
 Ion Ratio Lower Upper
 92 100
 91 170.3 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 22.157 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

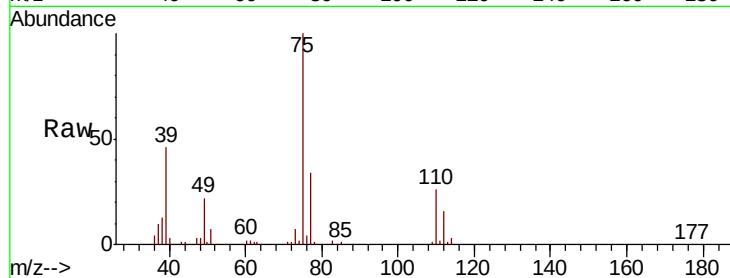
ClientSampleId :

Tot Ion: 75 Resp: 102085

Ion Ratio Lower Upper

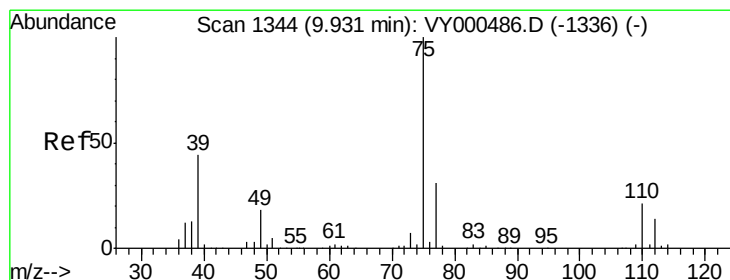
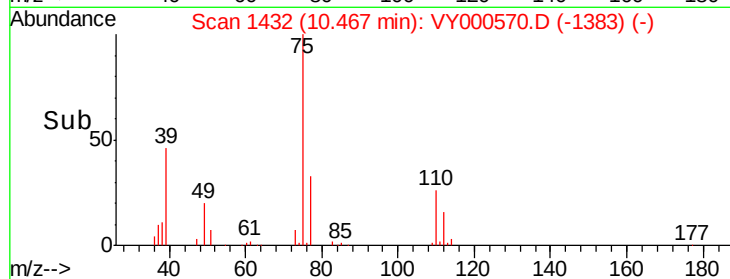
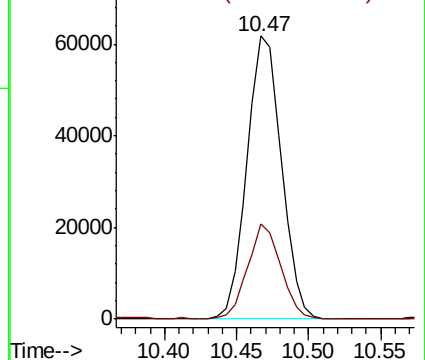
75 100

77 33.5 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 22.533 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

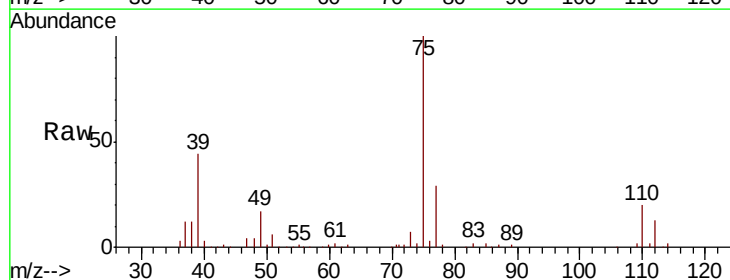
Tgt Ion: 75 Resp: 118935

Ion Ratio Lower Upper

75 100

77 28.5 24.5 36.7

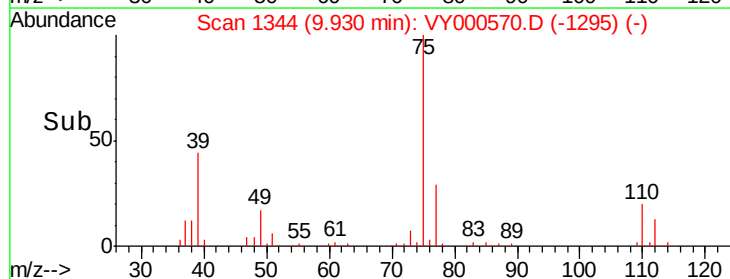
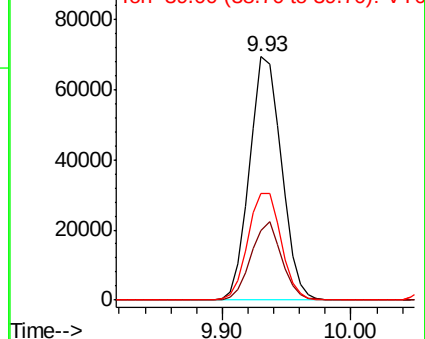
39 43.9 35.4 53.2

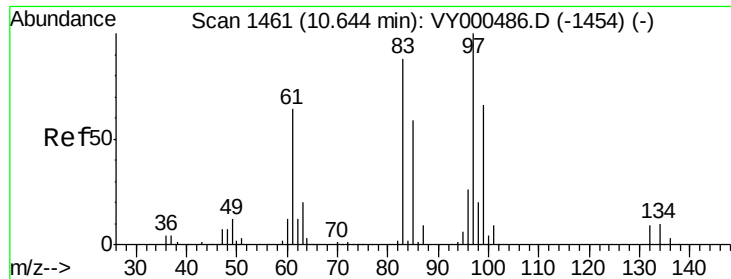


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

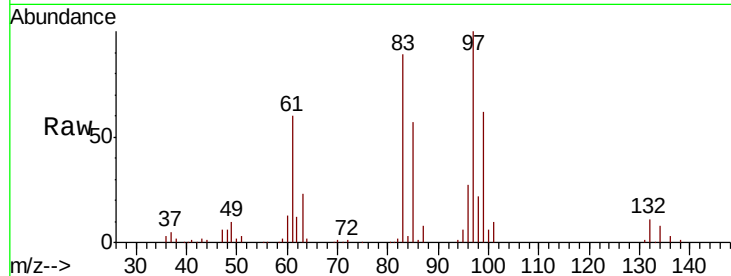




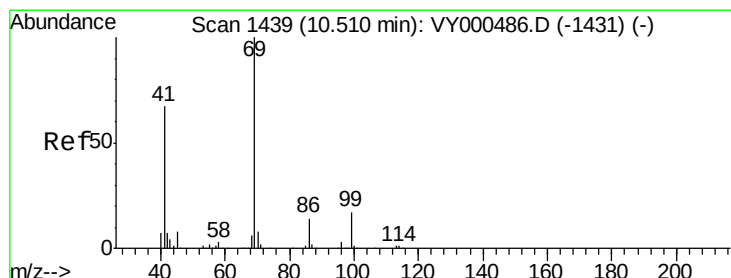
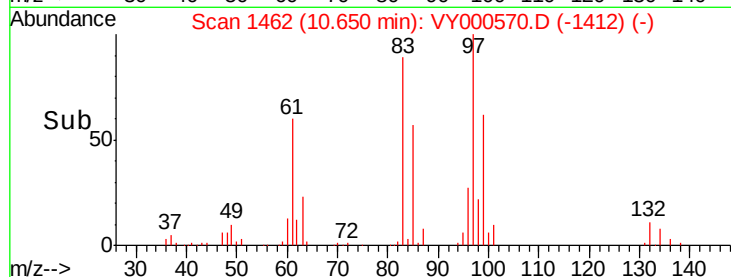
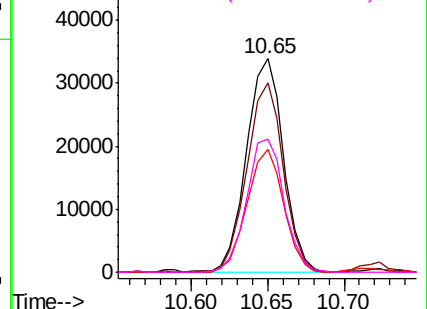
#55
 1,1,2-Trichloroethane
 Concen: 21.430 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 97 Resp: 56329
 Ion Ratio Lower Upper
 97 100
 83 89.2 70.2 105.4
 85 57.6 46.9 70.3
 99 62.5 52.6 78.8

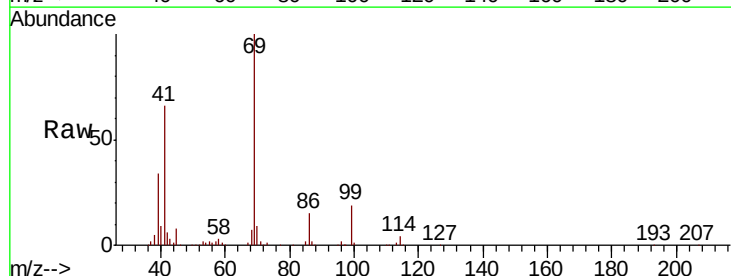


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

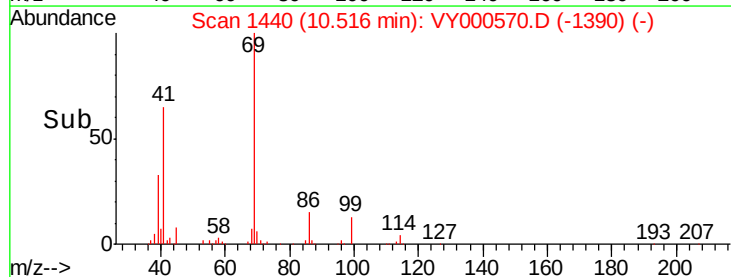
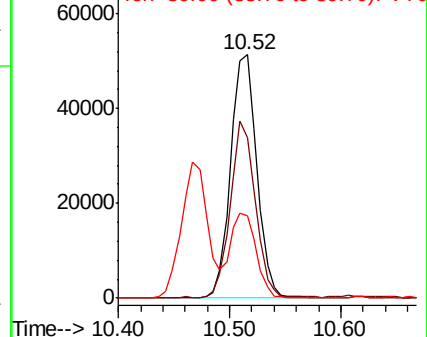


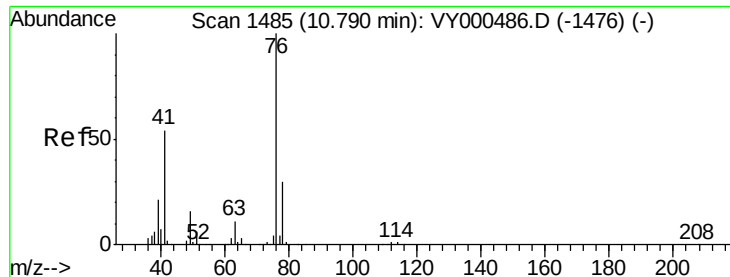
#56
 Ethyl methacrylate
 Concen: 22.483 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion: 69 Resp: 83759
 Ion Ratio Lower Upper
 69 100
 41 68.6 53.3 79.9
 39 34.9 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: 22.046 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

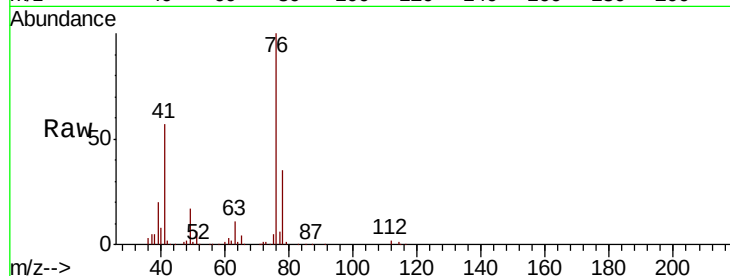
ClientSampleId :

Tot Ion: 76 Resp: 101418

Ion Ratio Lower Upper

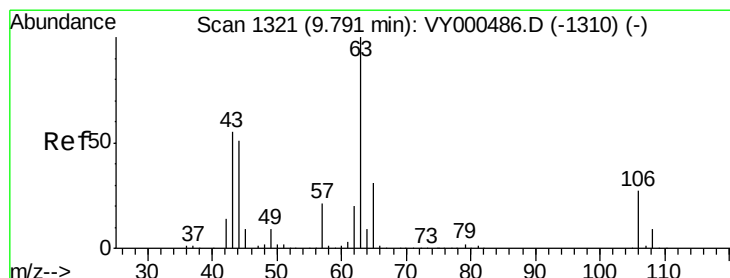
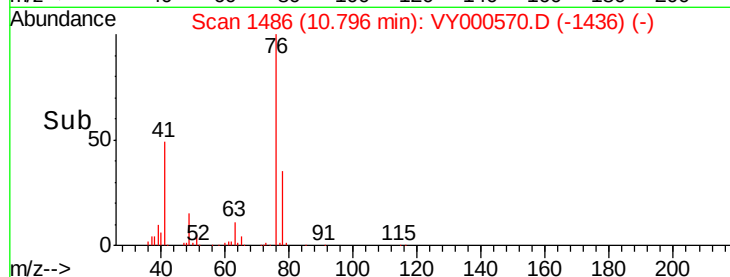
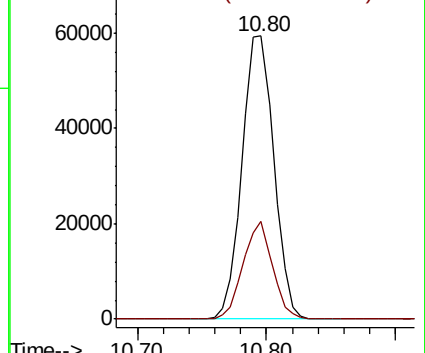
76 100

78 31.9 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: 103.157 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000570.D

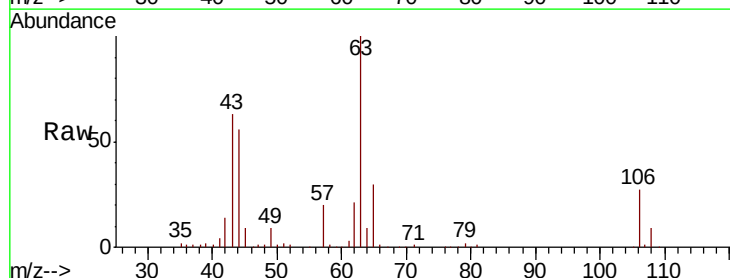
Acq: 07 Nov 2019 11:23

Tgt Ion: 63 Resp: 173740

Ion Ratio Lower Upper

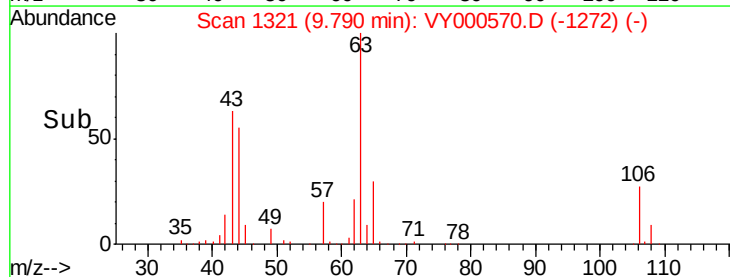
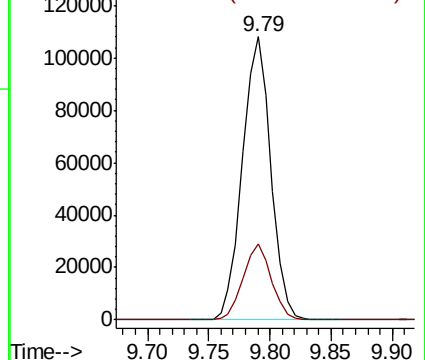
63 100

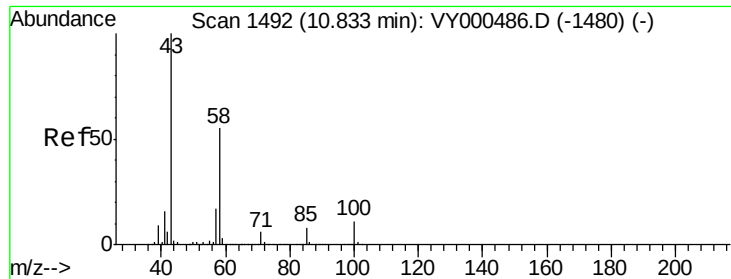
106 26.6 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

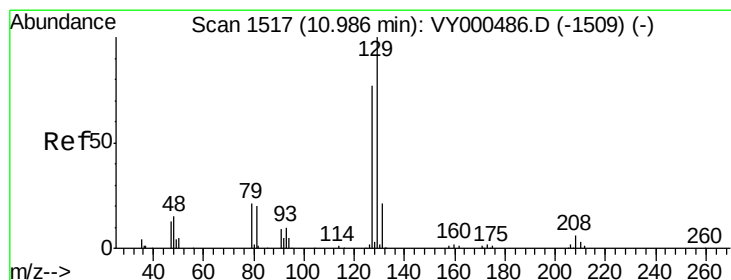
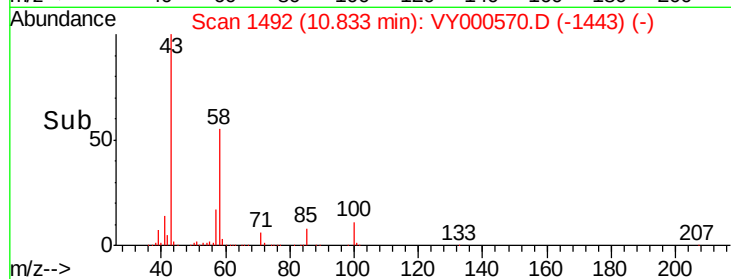
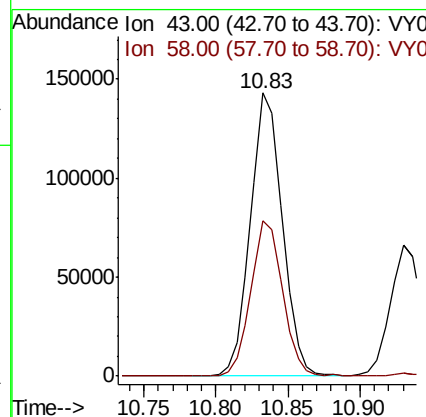
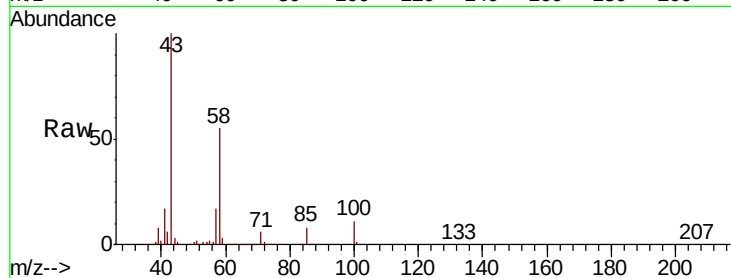




#59
2-Hexanone
Concen: 110.449 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

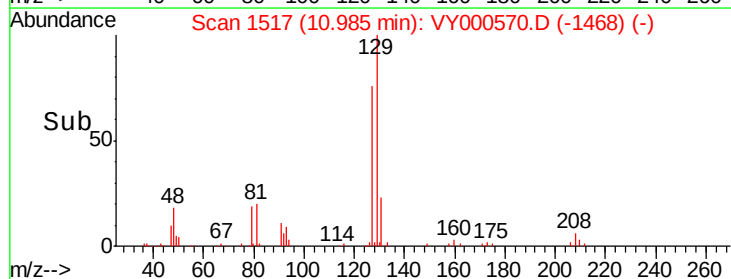
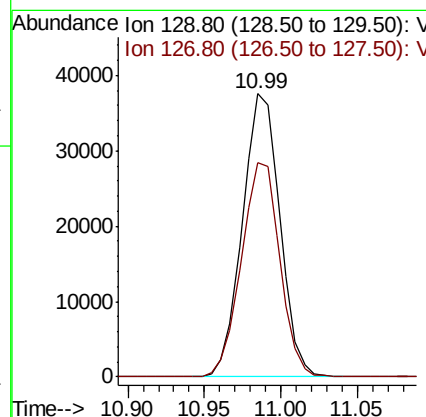
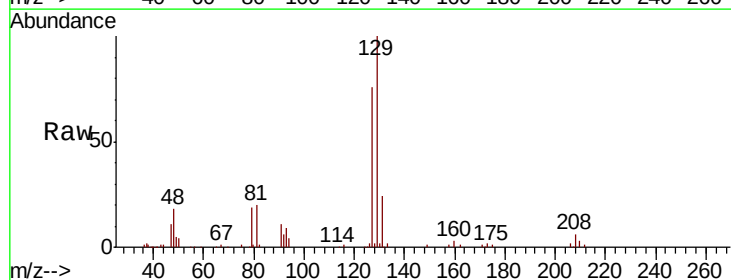
Instrument :
MSVOA_Y
ClientSampleId :

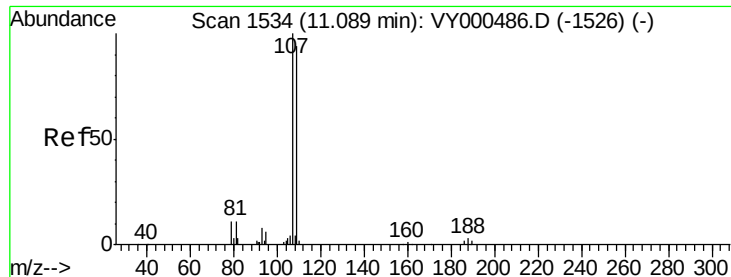
Tot Ion: 43 Resp: 218520
Ion Ratio Lower Upper
43 100
58 54.9 27.1 81.3



#60
Dibromochloromethane
Concen: 21.262 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 129 Resp: 64014
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2

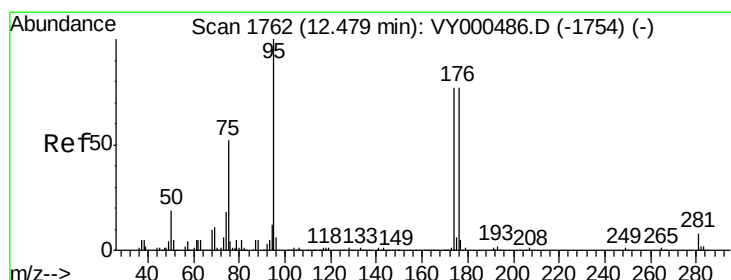
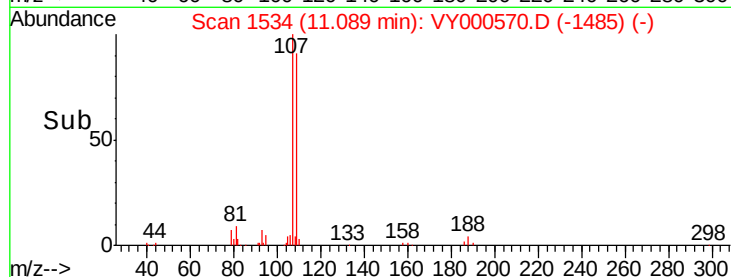
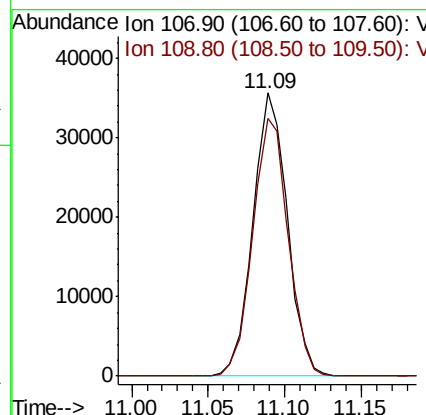
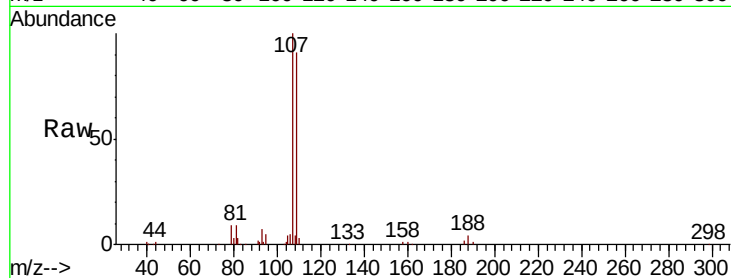




#61
 1,2-Dibromoethane
 Concen: 22.065 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

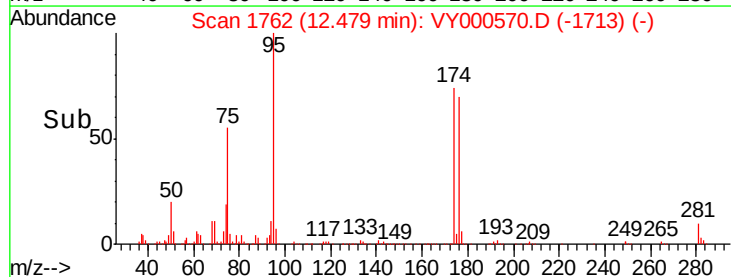
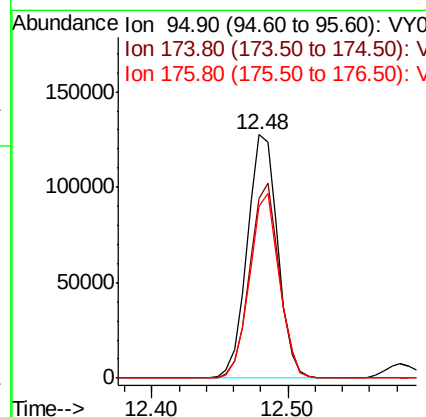
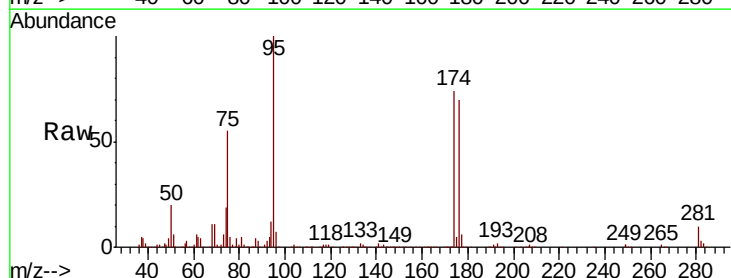
Instrument :
 MSVOA_Y
 ClientSampleId :

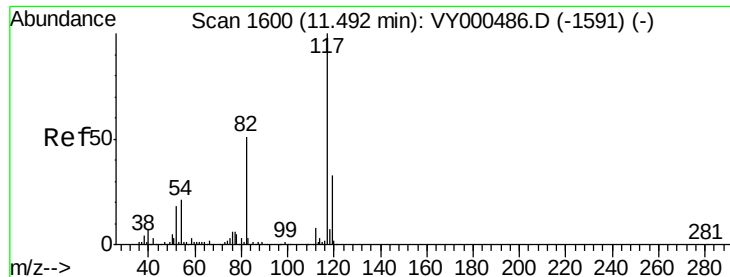
Tot Ion: 107 Resp: 55763
 Ion Ratio Lower Upper
 107 100
 109 93.9 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 48.666 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion: 95 Resp: 199922
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 161.6
 176 74.1 0.0 157.8

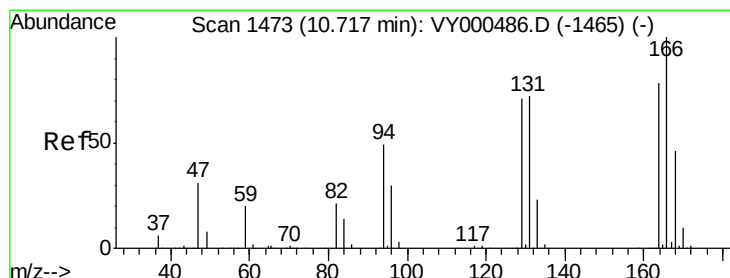
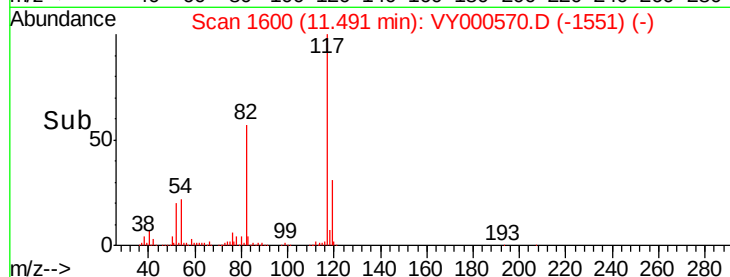
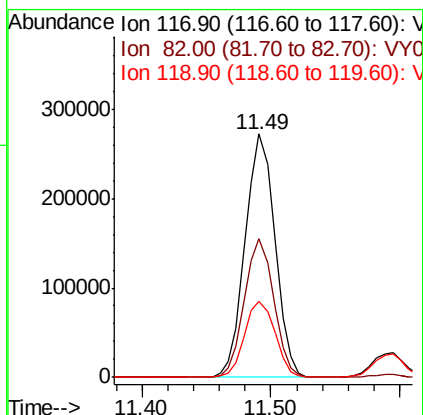
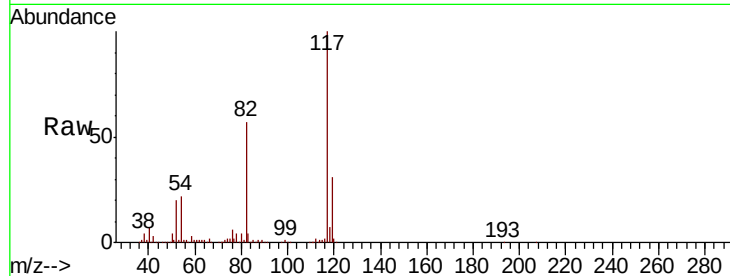




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

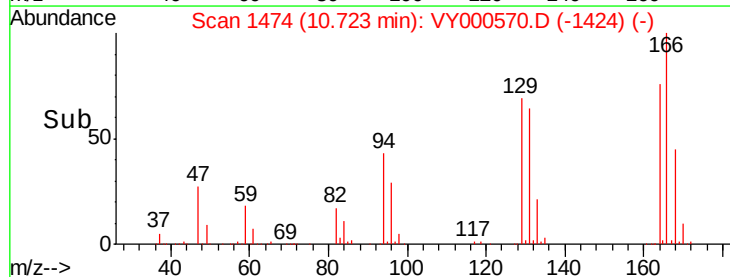
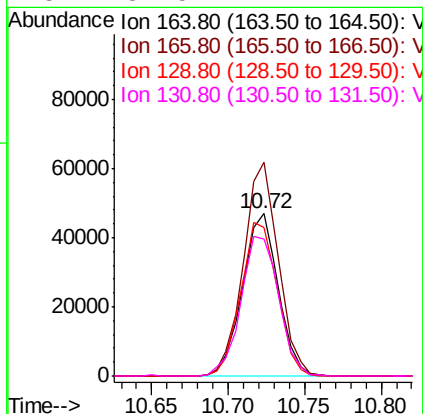
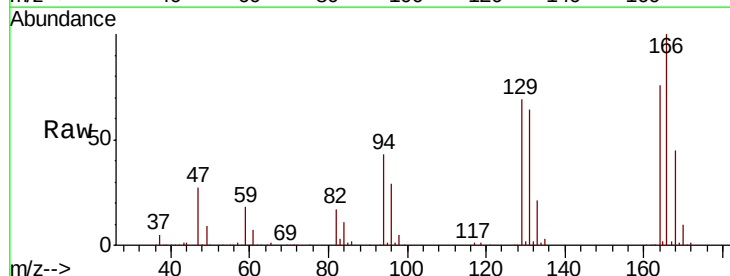
Instrument :
MSVOA_Y
ClientSampleId :

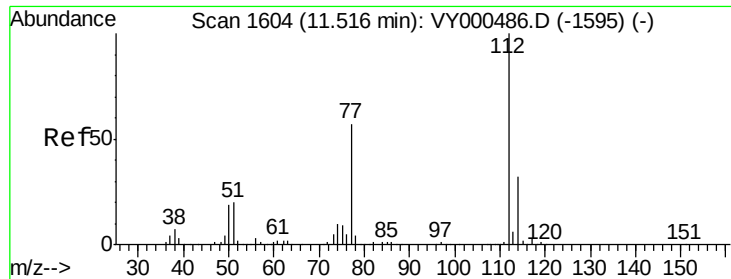
Tot Ion:117 Resp: 435131
Ion Ratio Lower Upper
117 100
82 56.9 40.8 61.2
119 31.2 26.2 39.2



#64
Tetrachloroethene
Concen: 21.217 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion:164 Resp: 76340
Ion Ratio Lower Upper
164 100
166 131.5 102.7 154.1
129 91.3 73.2 109.8
131 84.5 74.2 111.2

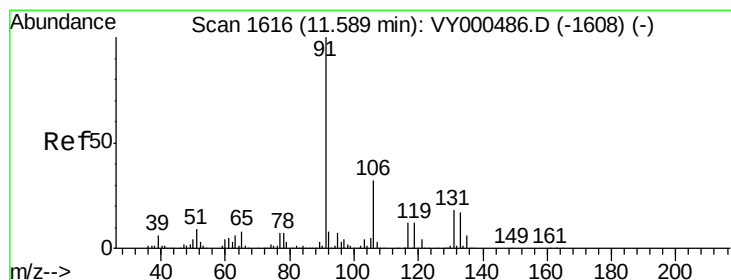
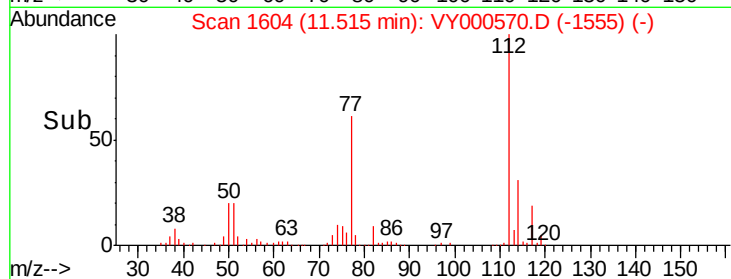
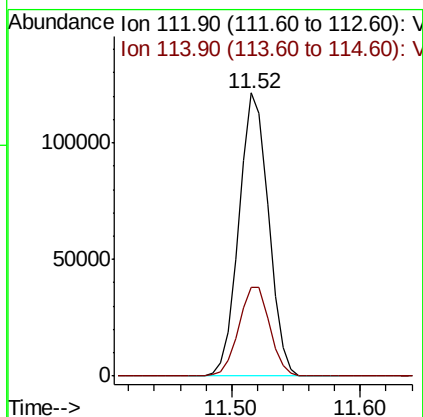
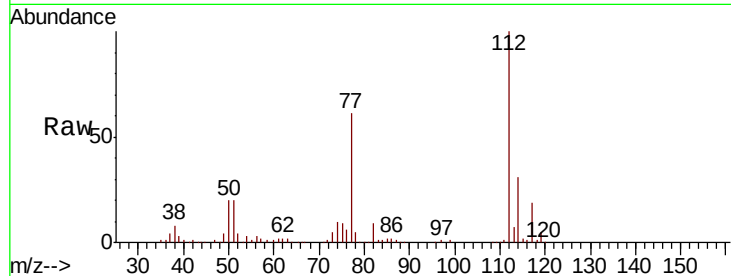




#65
Chlorobenzene
Concen: 21.812 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

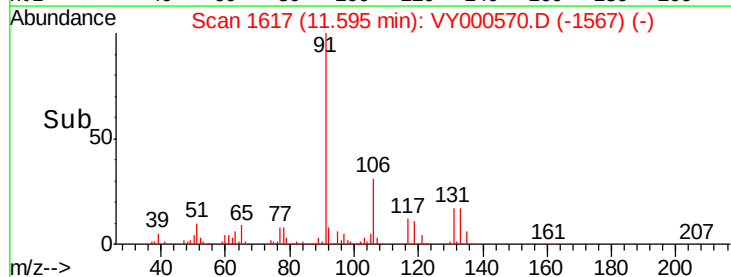
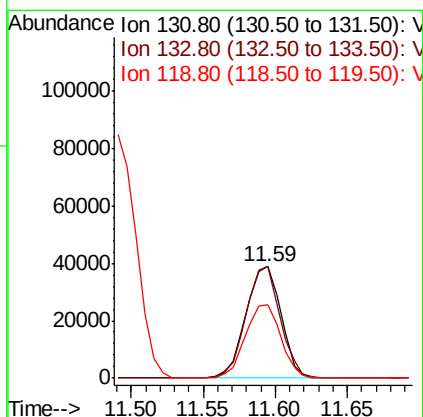
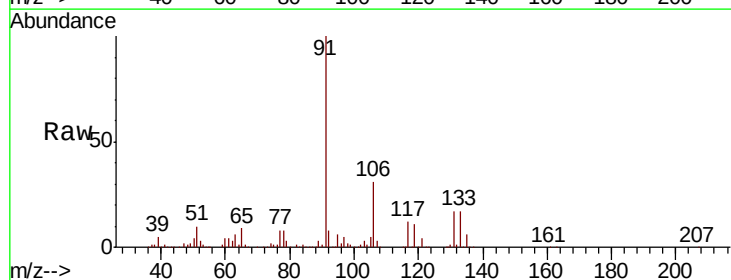
Instrument :
MSVOA_Y
ClientSampleId :

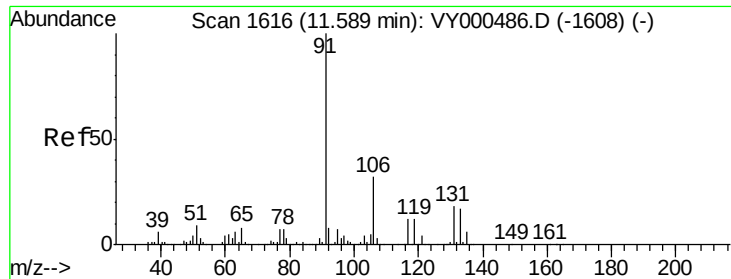
Tot Ion:112 Resp: 192429
Ion Ratio Lower Upper
112 100
114 31.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.372 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion:131 Resp: 65391
Ion Ratio Lower Upper
131 100
133 97.9 47.9 143.8
119 66.3 33.1 99.3

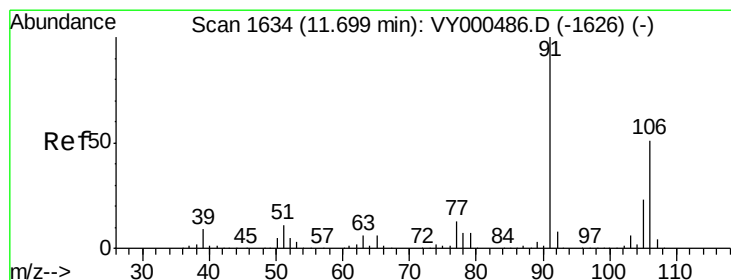
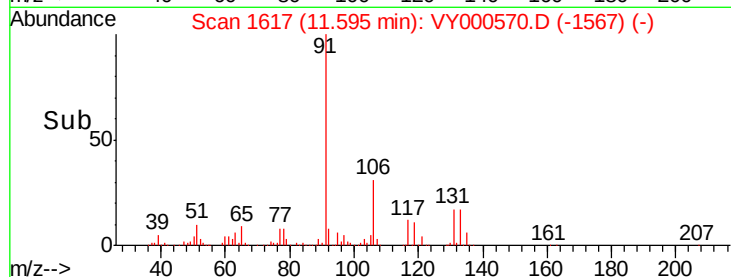
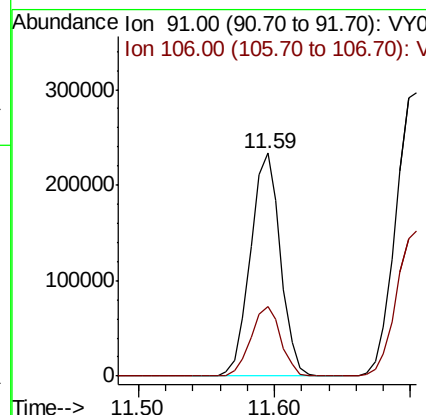
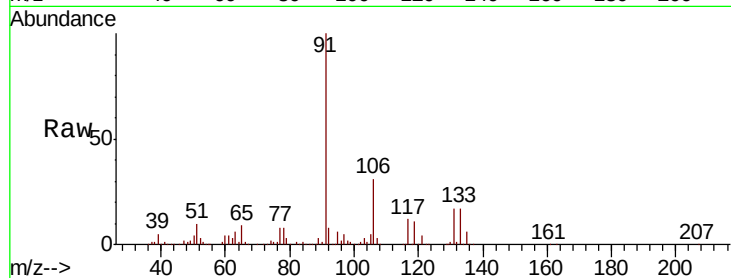




#67
Ethyl Benzene
Concen: 22.184 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

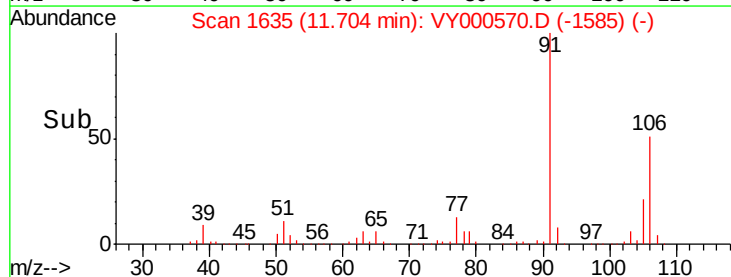
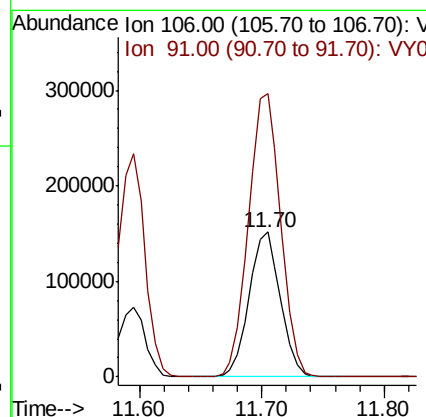
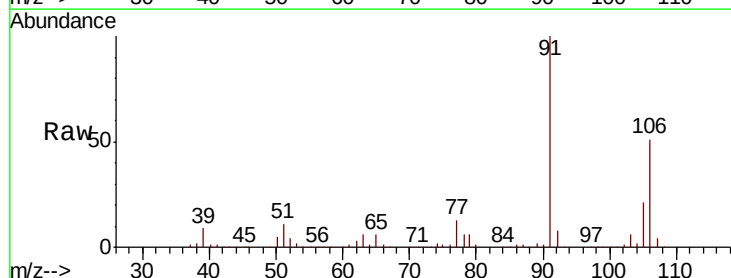
Instrument :
MSVOA_Y
ClientSampled :

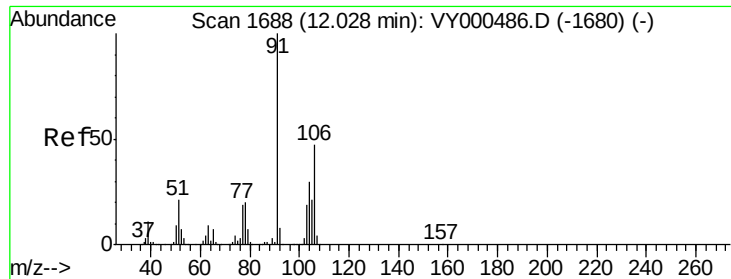
Tot Ion: 91 Resp: 360190
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0



#68
m/p-Xylenes
Concen: 42.709 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 106 Resp: 268393
Ion Ratio Lower Upper
106 100
91 202.1 155.9 233.9

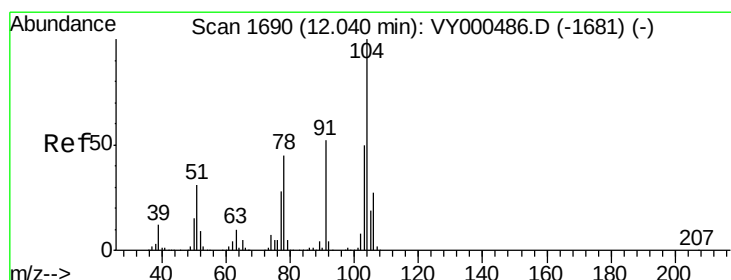
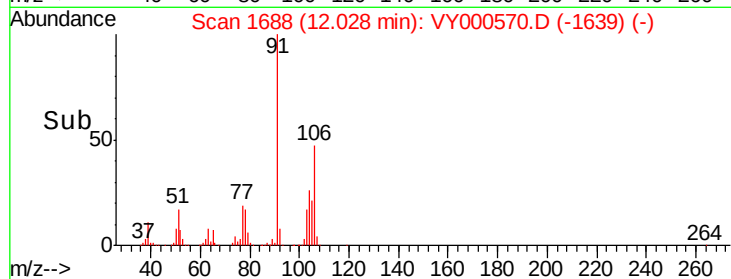
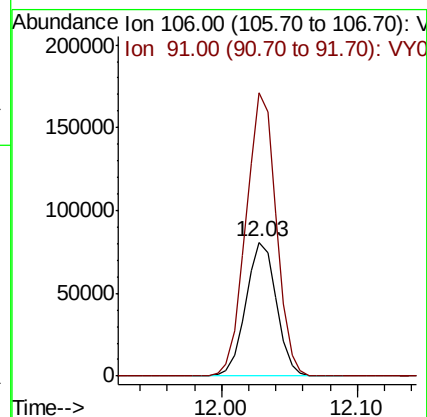
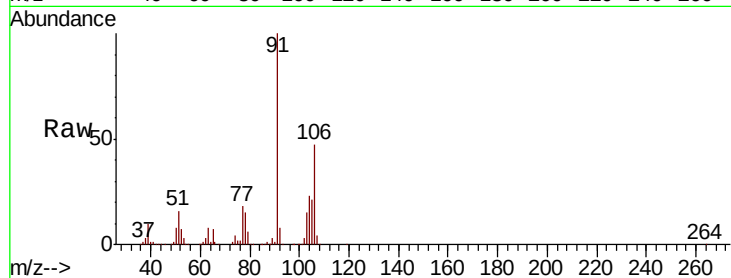




#69
o-Xylene
Concen: 21.484 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

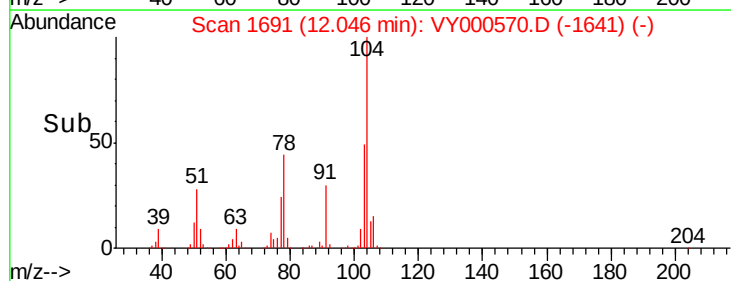
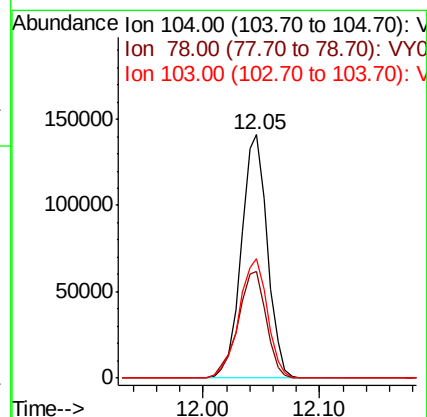
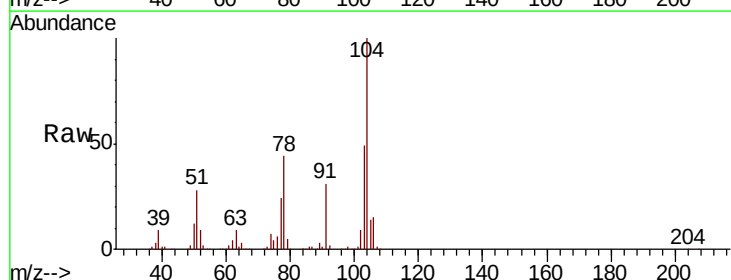
Instrument :
MSVOA_Y
ClientSampleId :

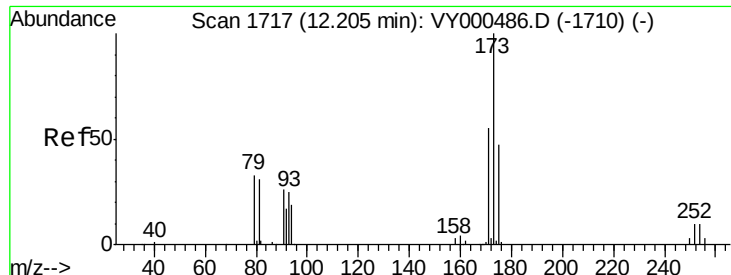
Tot Ion:106 Resp: 126887
Ion Ratio Lower Upper
106 100
91 209.8 106.5 319.6



#70
Styrene
Concen: 21.685 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion:104 Resp: 219312
Ion Ratio Lower Upper
104 100
78 47.8 39.0 58.4
103 53.5 42.5 63.7





#71

Bromoform

Concen: 20.797 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampleId :

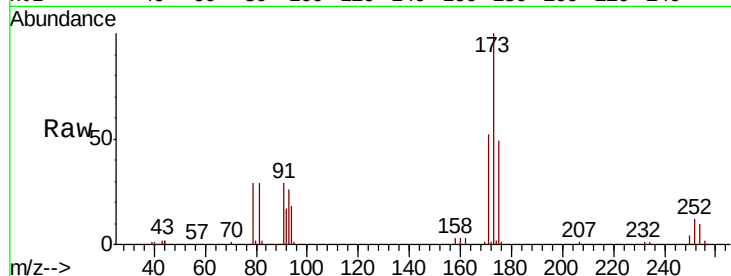
Tot Ion:173 Resp: 36600

Ion Ratio Lower Upper

173 100

175 51.4 24.4 73.2

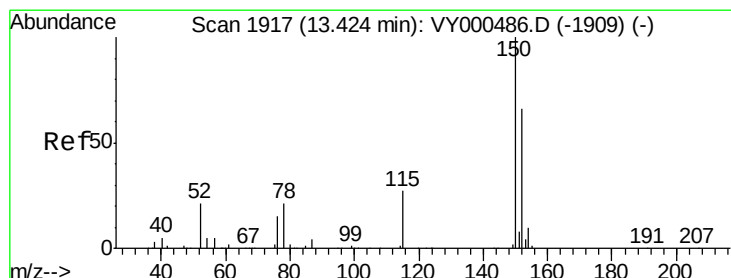
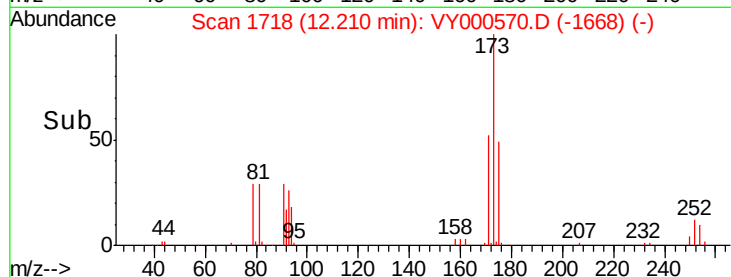
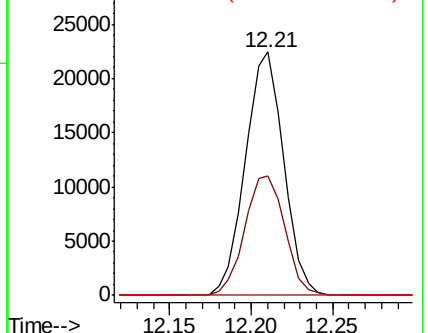
254 0.0 0.1 0.1#



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: VY000570.D

Acq: 07 Nov 2019 11:23

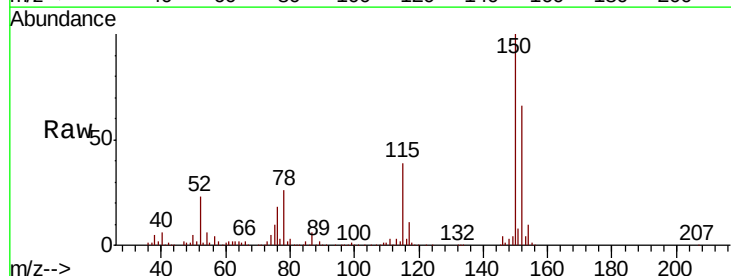
Tgt Ion:152 Resp: 210607

Ion Ratio Lower Upper

152 100

115 59.7 29.1 87.4

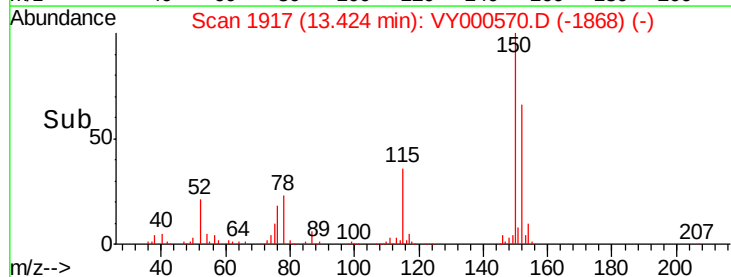
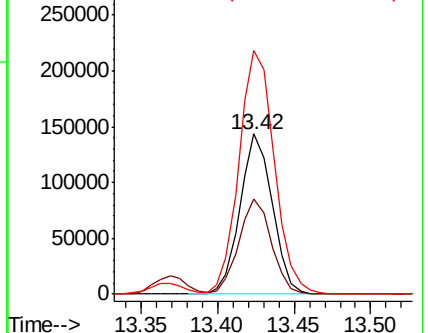
150 166.2 0.0 348.8

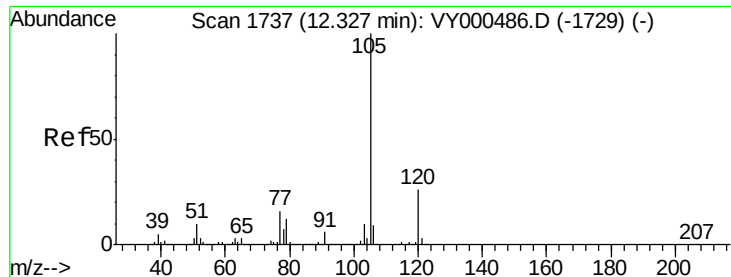


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.043 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

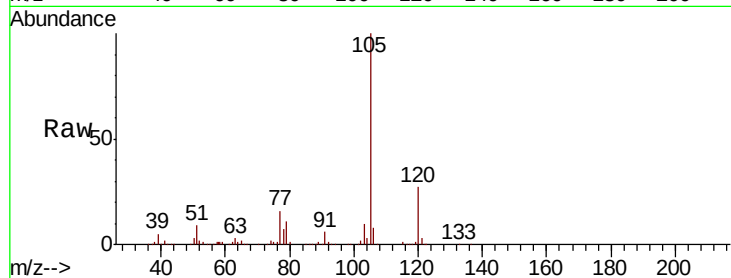
ClientSampleId :

Tot Ion:105 Resp: 343108

Ion Ratio Lower Upper

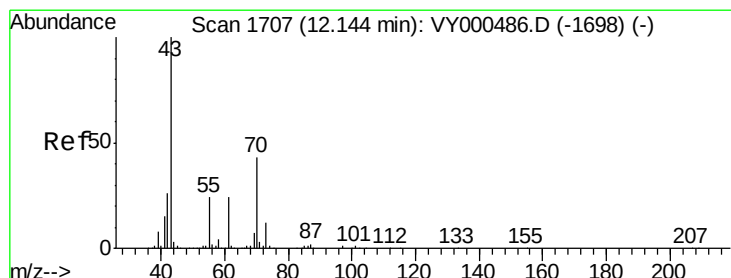
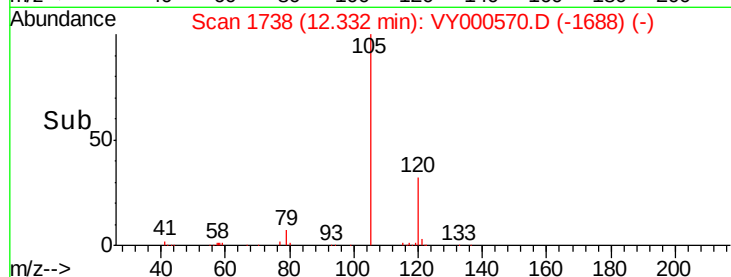
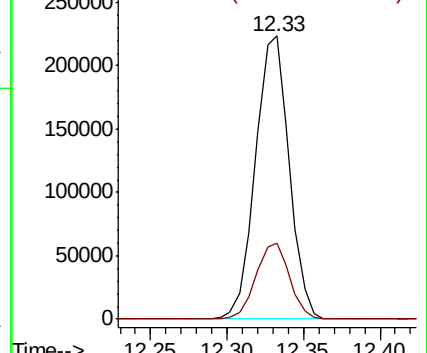
105 100

120 26.8 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: 23.295 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Tgt Ion: 43 Resp: 103848

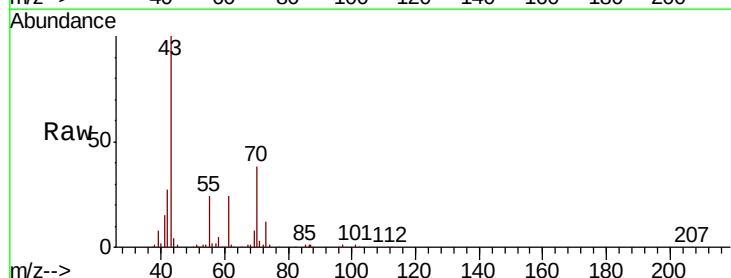
Ion Ratio Lower Upper

43 100

70 40.2 33.1 49.7

55 23.1 18.0 27.0

61 24.6 19.1 28.7

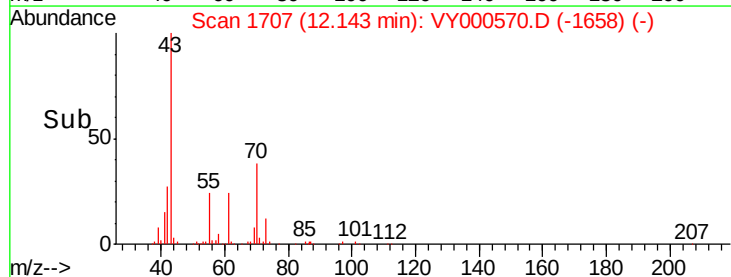
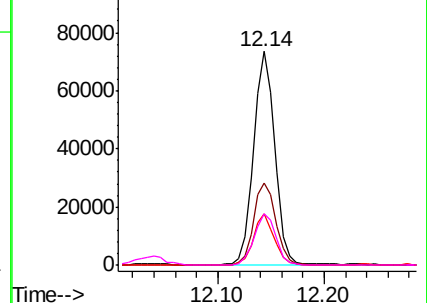


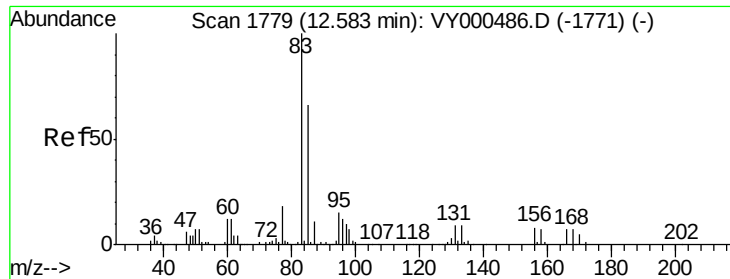
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 23.320 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampled :

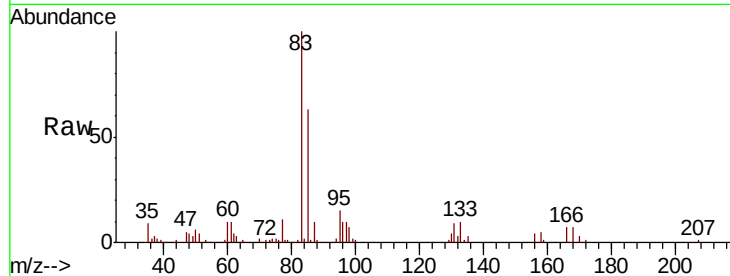
Tot Ion: 83 Resp: 71872

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 63.8 32.3 96.9



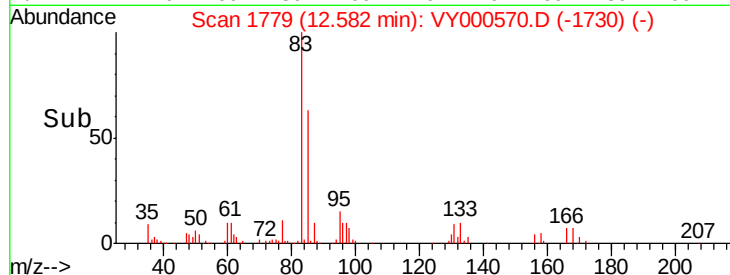
Abundance Ion 82.90 (82.60 to 83.60): VY000570.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000570.D (-1730) (-)

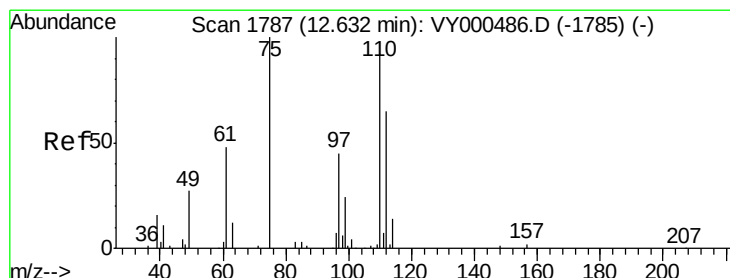
Ion 84.90 (84.60 to 85.60): VY000570.D (-1730) (-)

12.58

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 38.998 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY000570.D

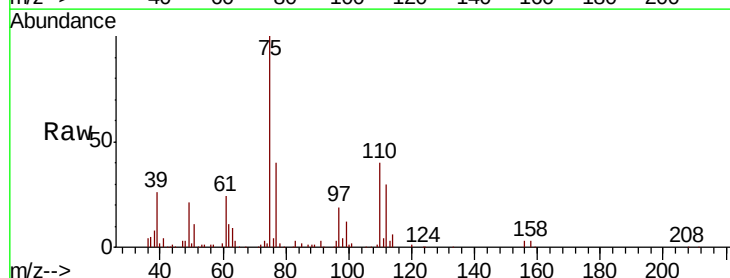
Acq: 07 Nov 2019 11:23

Tgt Ion: 75 Resp: 93519

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

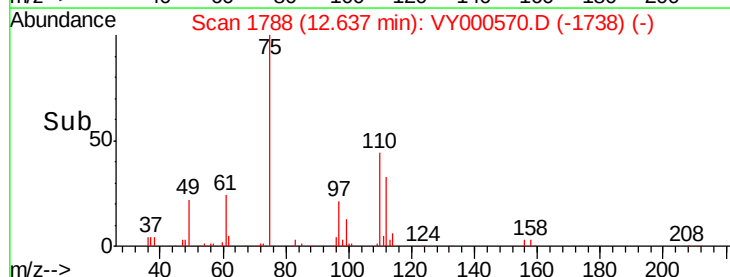


Abundance Ion 74.90 (74.60 to 75.60): VY000570.D (-1738) (-)

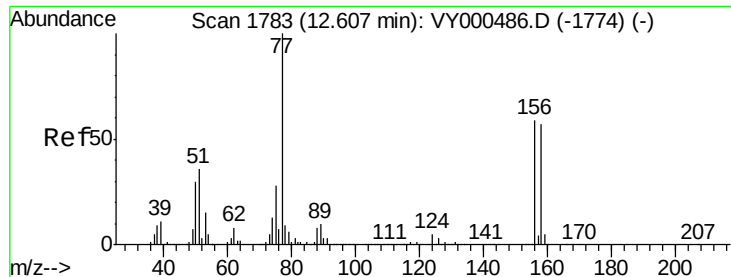
Ion 77.00 (76.70 to 77.70): VY000570.D (-1738) (-)

12.64

Time-->



Time-->



#77

Bromobenzene

Concen: 21.639 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampleId :

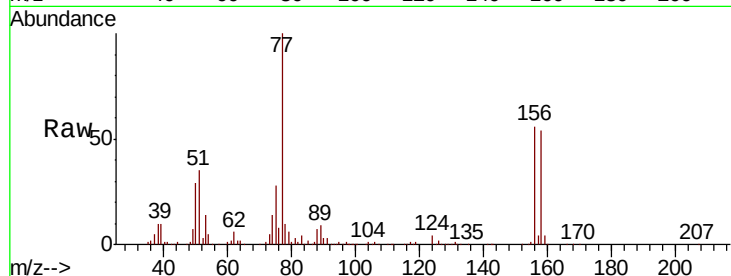
Tot Ion:156 Resp: 76381

Ion Ratio Lower Upper

156 100

77 204.1 98.2 294.4

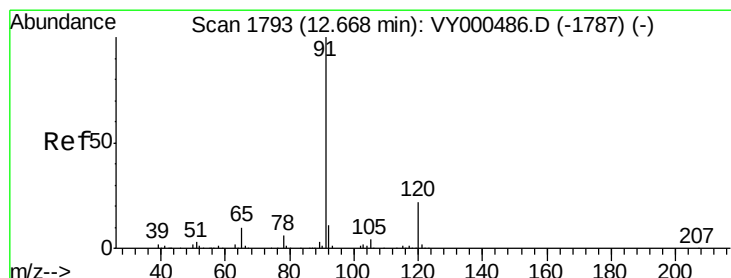
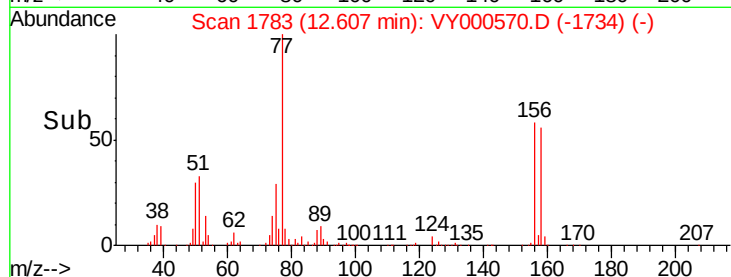
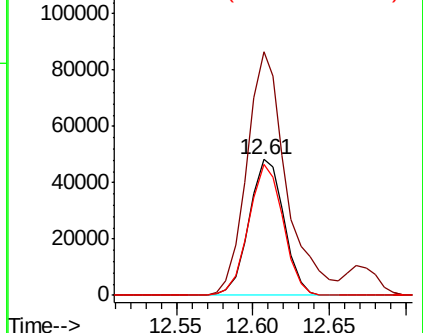
158 95.3 49.6 149.0



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: 22.160 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY000570.D

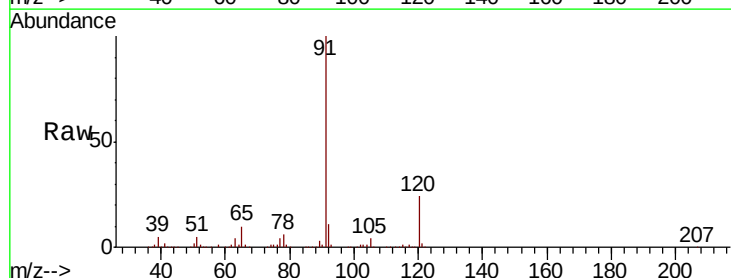
Acq: 07 Nov 2019 11:23

Tgt Ion: 91 Resp: 416181

Ion Ratio Lower Upper

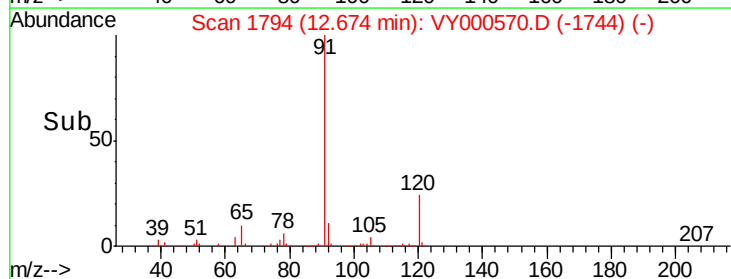
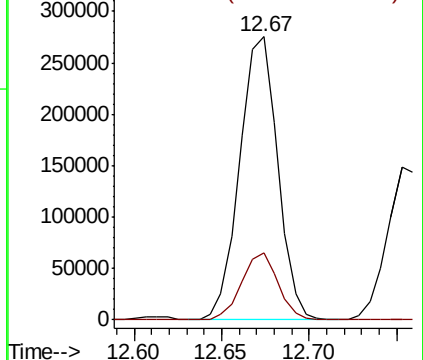
91 100

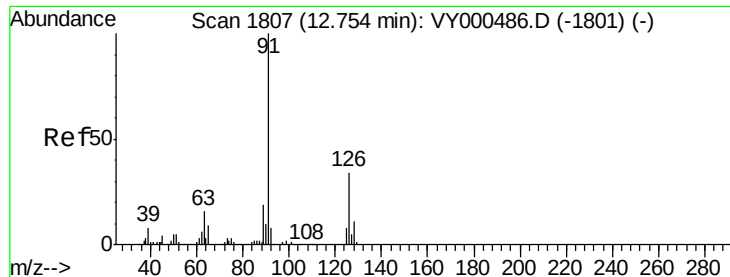
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.317 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

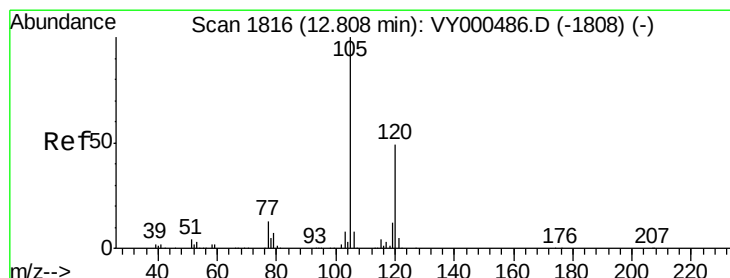
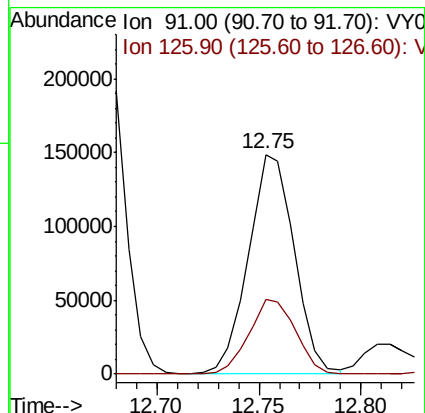
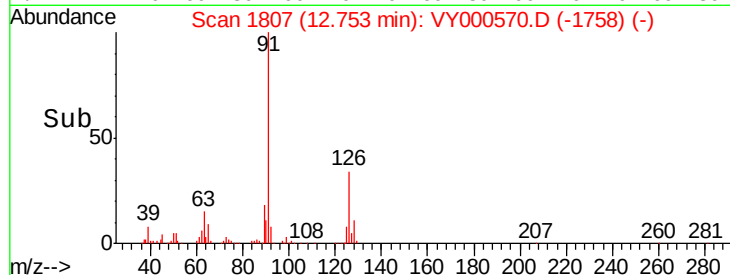
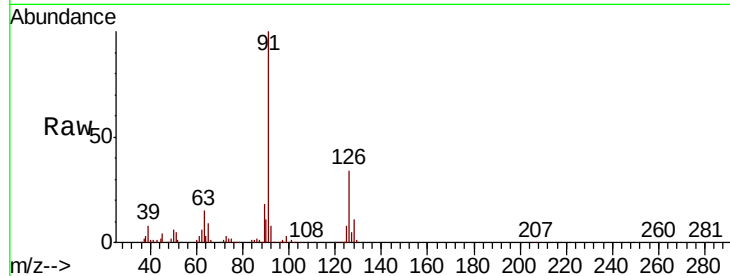
ClientSampleId :

Tot Ion: 91 Resp: 232688

Ion Ratio Lower Upper

91 100

126 34.6 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 22.567 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000570.D

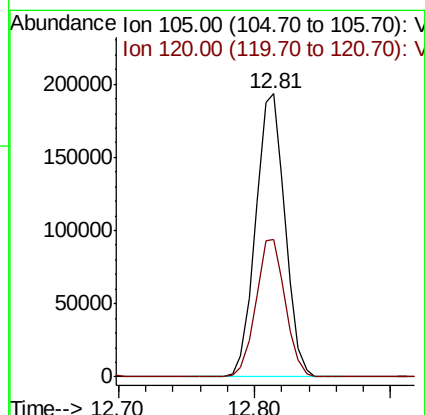
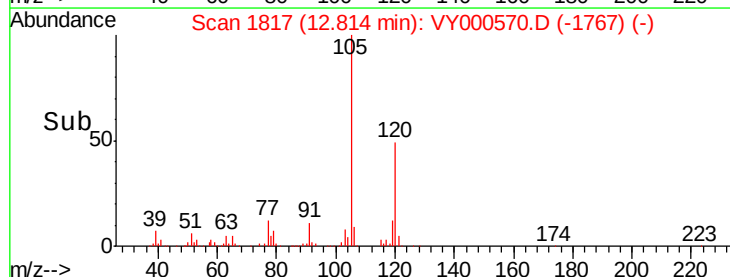
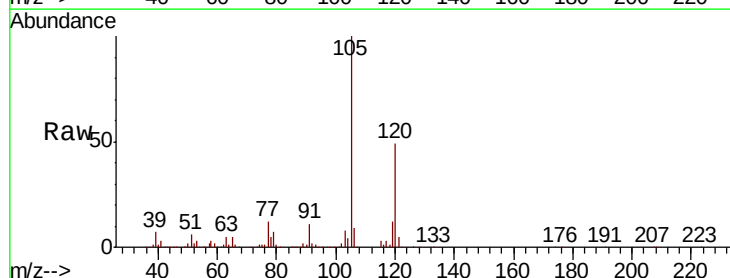
Acq: 07 Nov 2019 11:23

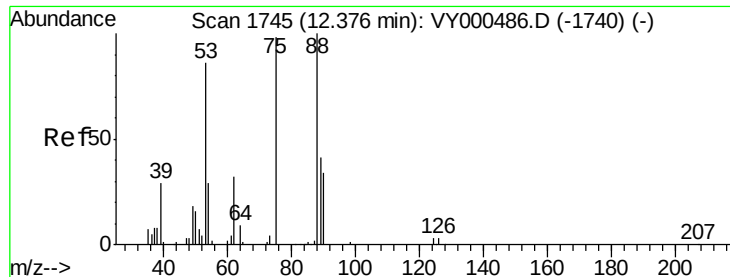
Tgt Ion: 105 Resp: 292557

Ion Ratio Lower Upper

105 100

120 48.4 24.9 74.8

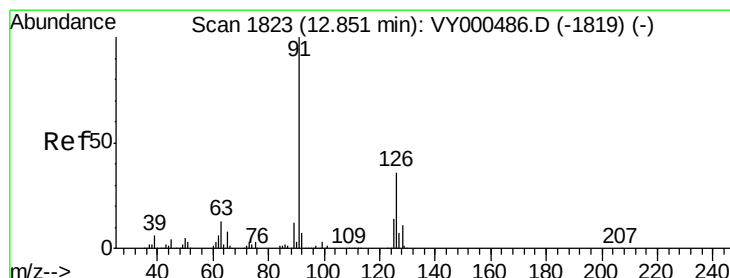
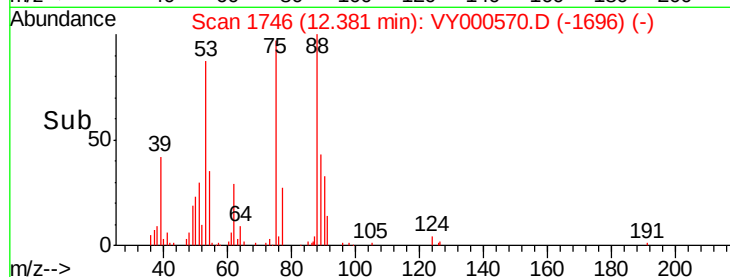
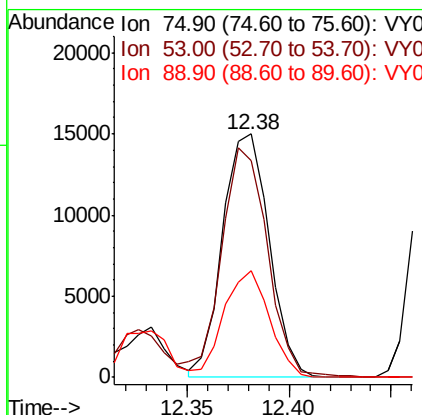
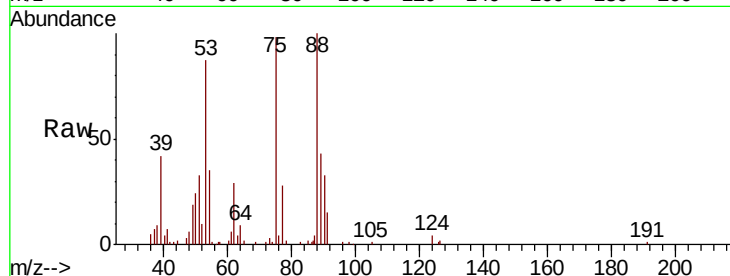




#81
trans-1,4-Dichloro-2-butene
Concen: 22.229 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

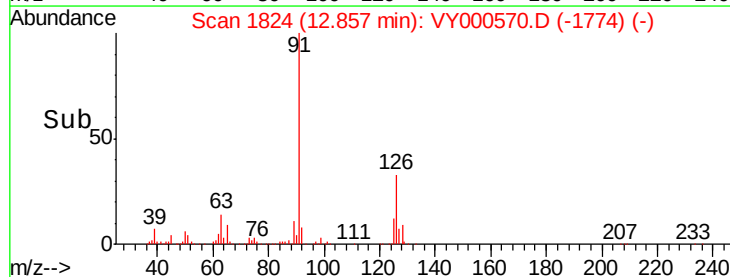
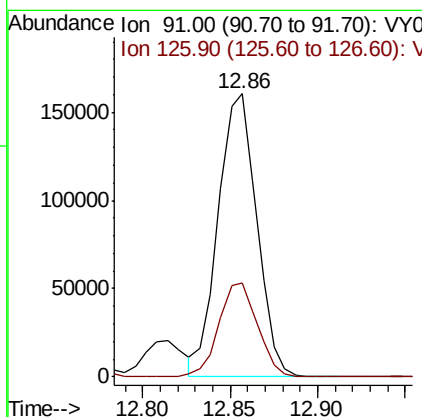
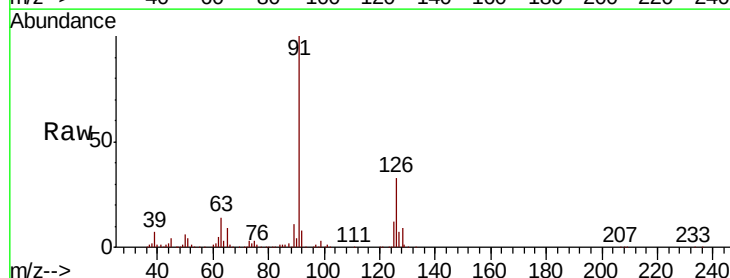
Instrument :
MSVOA_Y
ClientSampled :

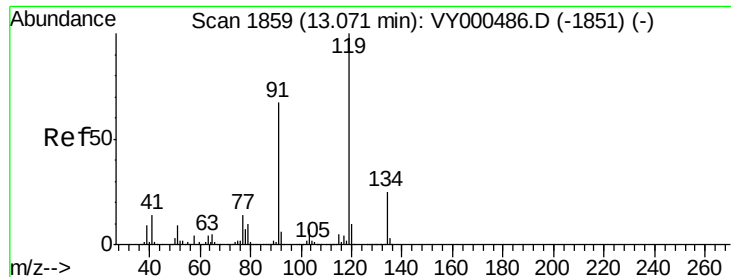
Tot Ion: 75 Resp: 23775
Ion Ratio Lower Upper
75 100
53 93.6 73.2 109.8
89 42.7 35.9 53.9



#82
4-Chlorotoluene
Concen: 22.763 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 91 Resp: 246020
Ion Ratio Lower Upper
91 100
126 33.5 17.6 52.9

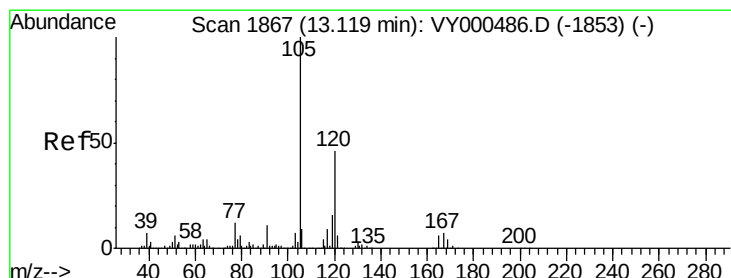
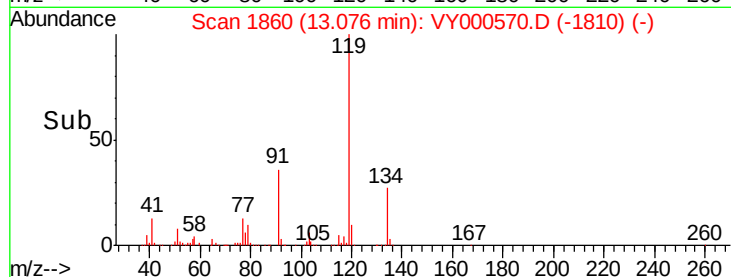
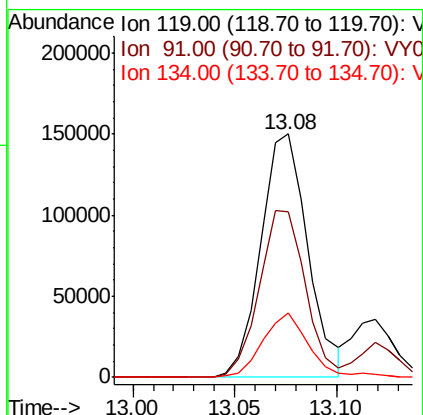
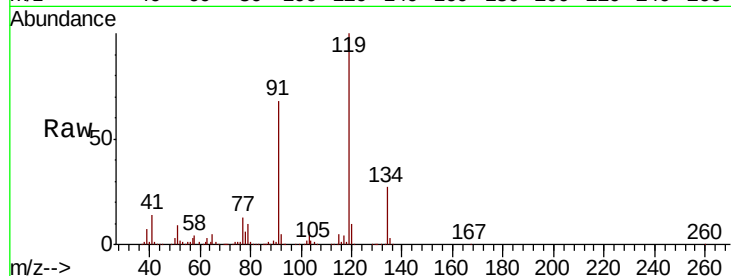




#83
 tert-Butylbenzene
 Concen: 21.776 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

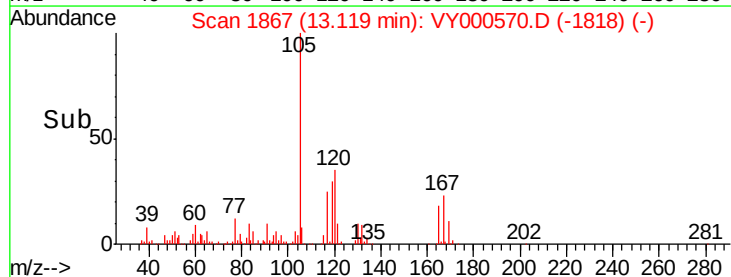
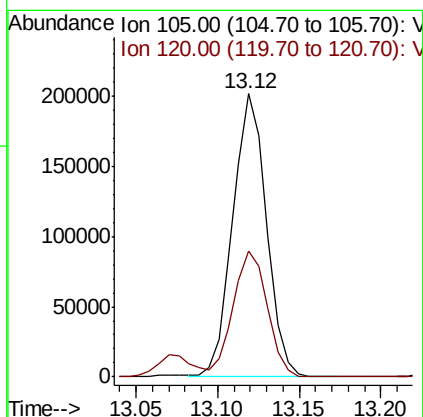
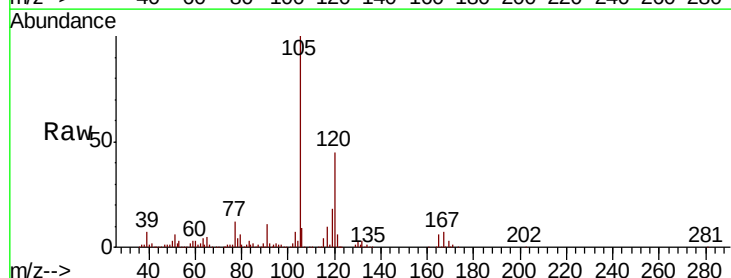
Instrument :
 MSVOA_Y
 ClientSampleId :

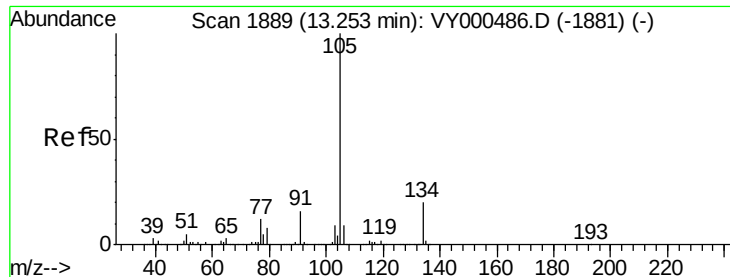
Tot Ion:119 Resp: 241035
 Ion Ratio Lower Upper
 119 100
 91 67.2 32.1 96.3
 134 26.3 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 22.443 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion:105 Resp: 289677
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.3 69.9





#85

sec-Butylbenzene

Concen: 22.654 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

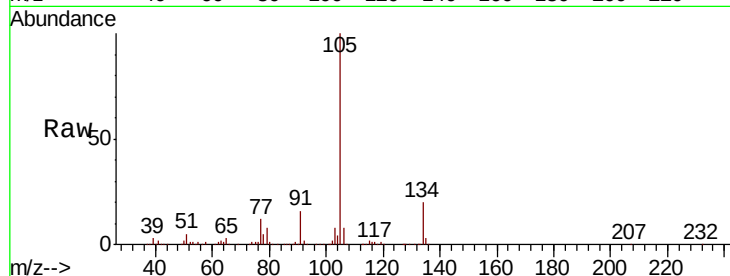
ClientSampled :

Tot Ion:105 Resp: 357249

Ion Ratio Lower Upper

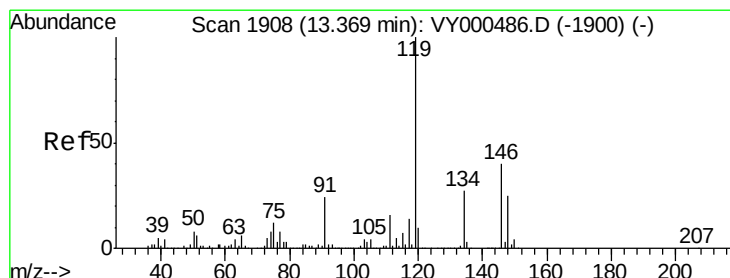
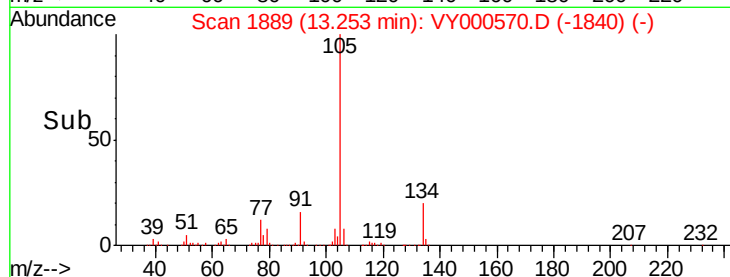
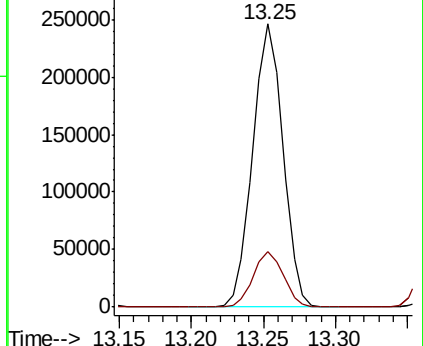
105 100

134 19.7 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: 22.194 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

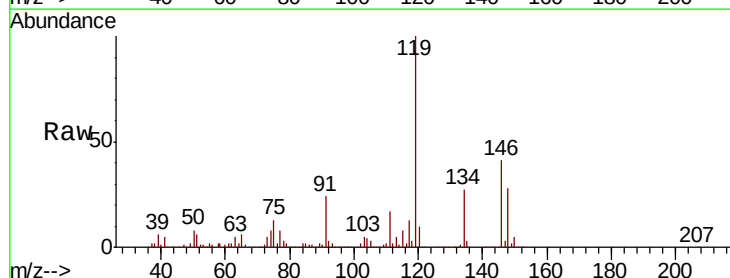
Tgt Ion:119 Resp: 311936

Ion Ratio Lower Upper

119 100

134 26.1 13.6 40.8

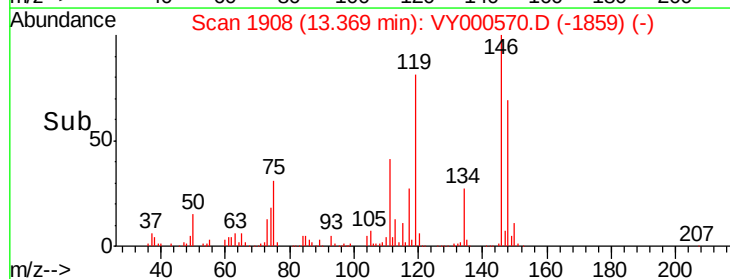
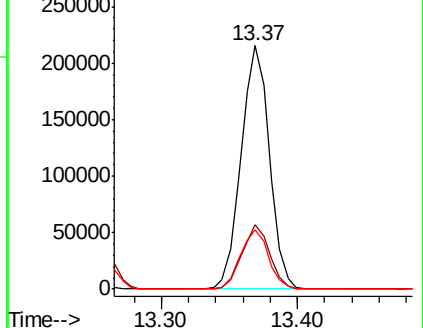
91 24.0 12.0 36.1

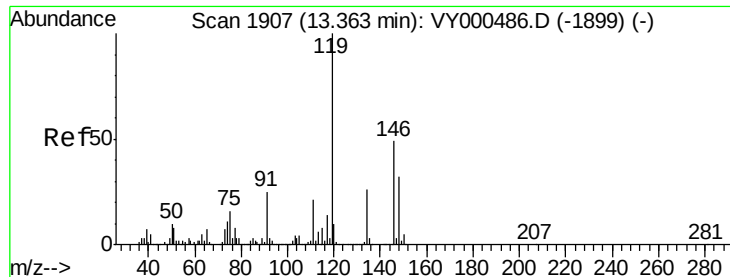


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

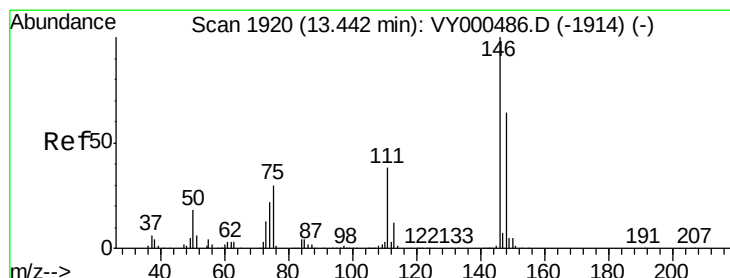
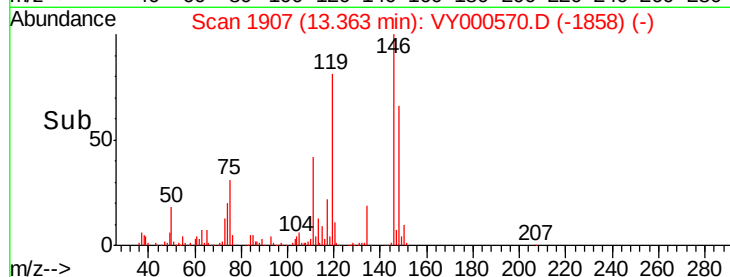
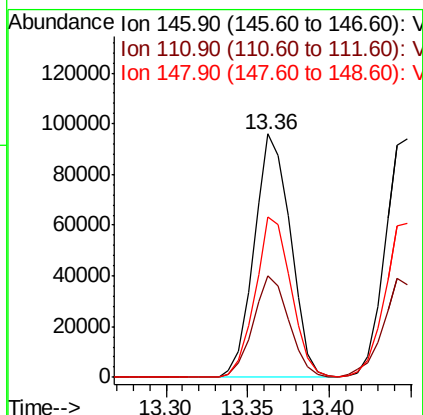
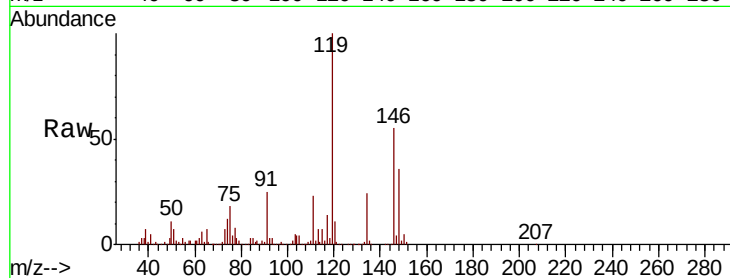




#87
 1,3-Dichlorobenzene
 Concen: 21.526 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

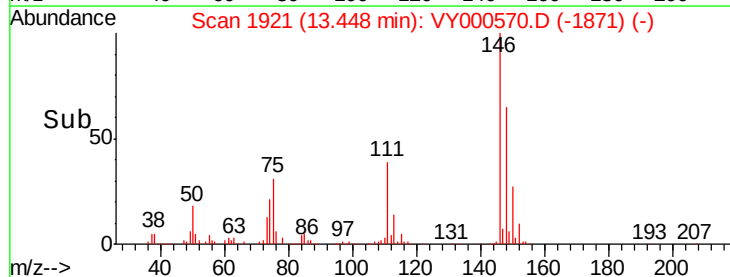
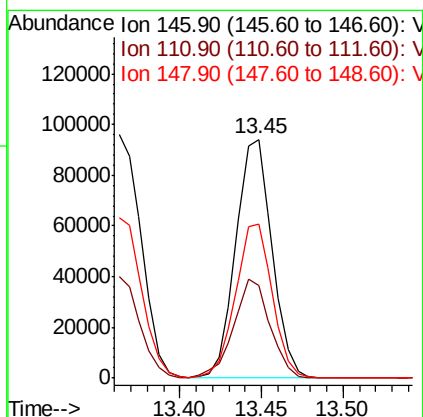
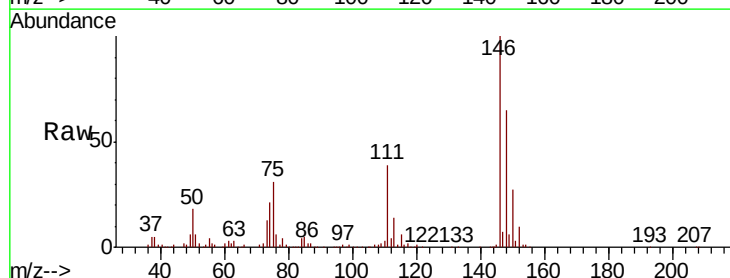
Instrument :
 MSVOA_Y
 ClientSampleId :

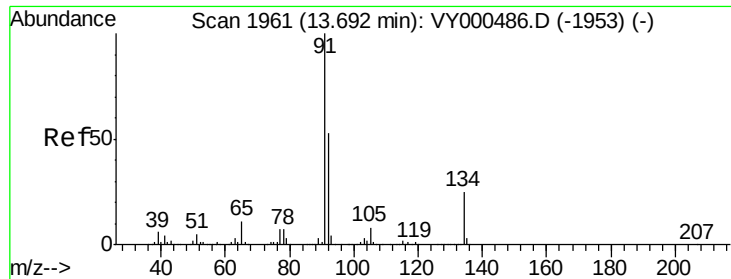
Tot Ion:146 Resp: 148825
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 60.8
 148 65.1 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 21.094 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion:146 Resp: 145729
 Ion Ratio Lower Upper
 146 100
 111 41.9 19.7 59.0
 148 65.6 31.9 95.7

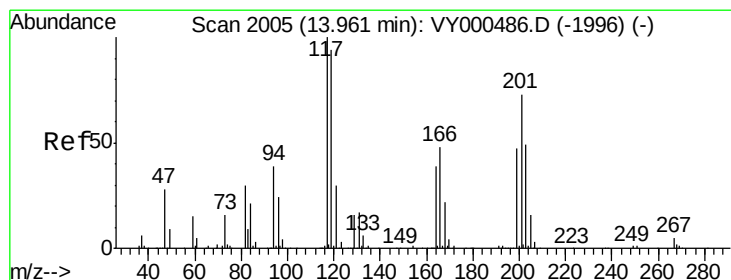
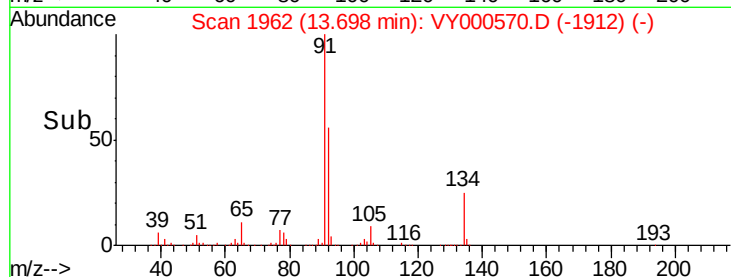
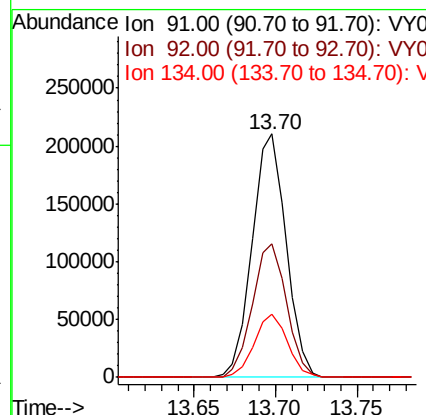
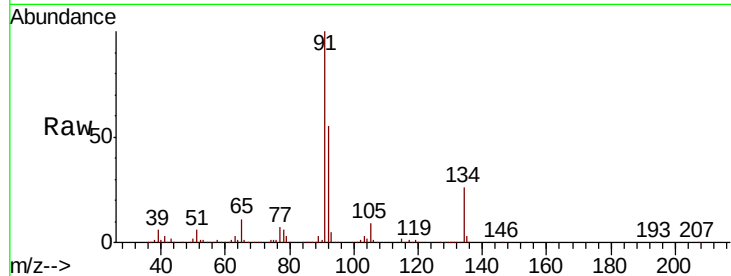




#89
n-Butylbenzene
Concen: 22.072 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

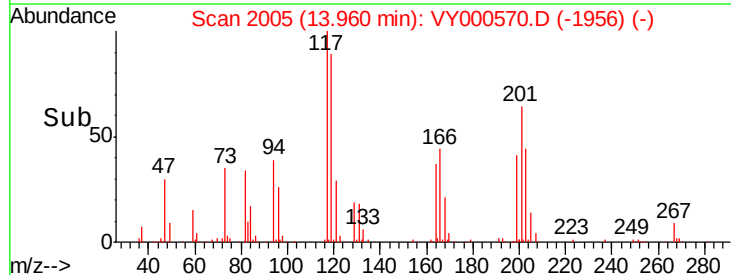
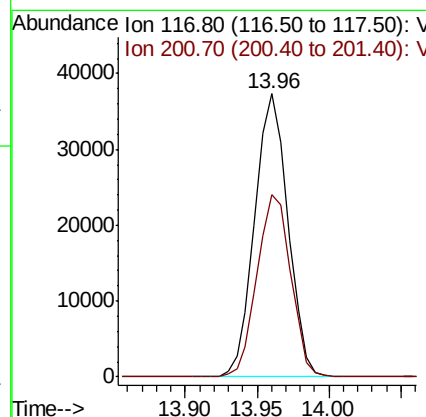
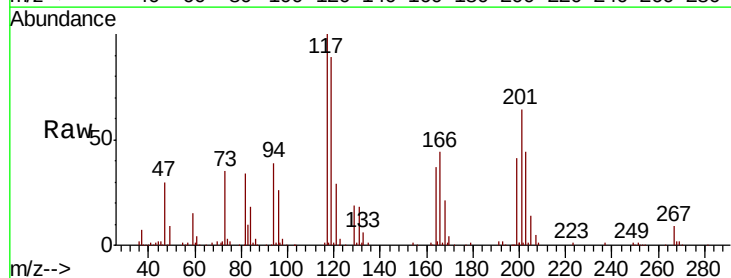
Instrument :
MSVOA_Y
ClientSampled :

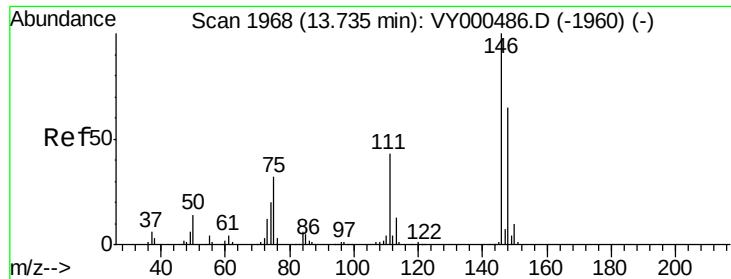
Tot Ion: 91 Resp: 305979
Ion Ratio Lower Upper
91 100
92 55.0 26.8 80.3
134 25.4 12.9 38.7



#90
Hexachloroethane
Concen: 22.848 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 117 Resp: 59367
Ion Ratio Lower Upper
117 100
201 65.5 35.8 107.3

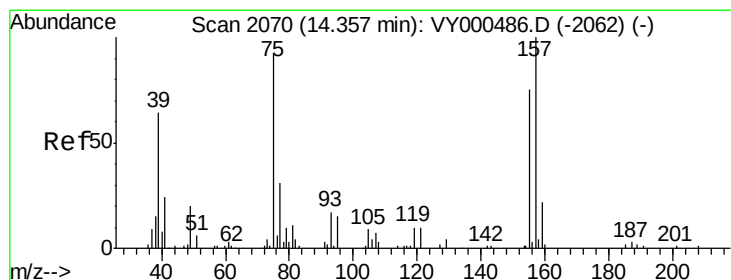
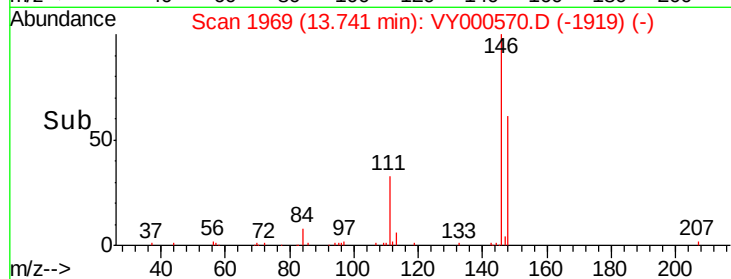
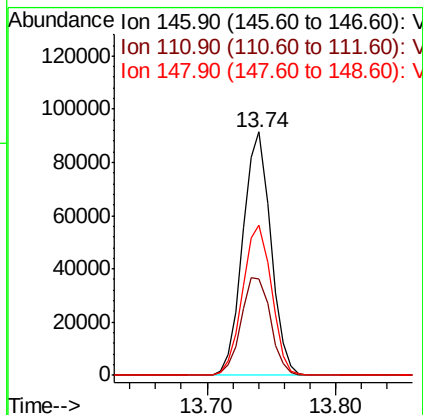
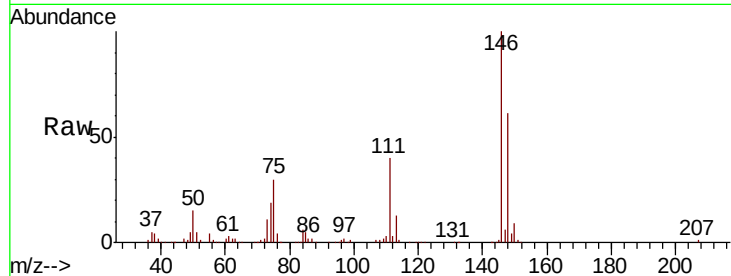




#91
 1,2-Dichlorobenzene
 Concen: 21.865 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

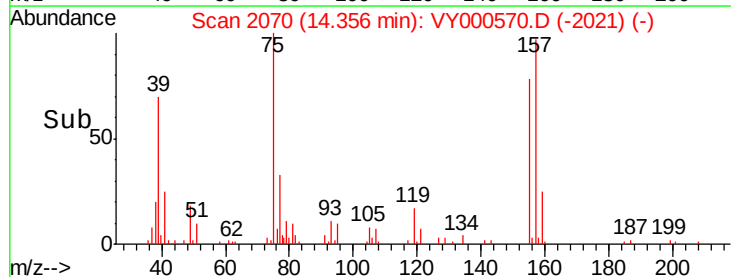
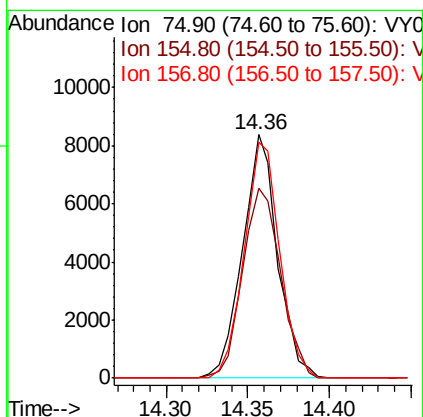
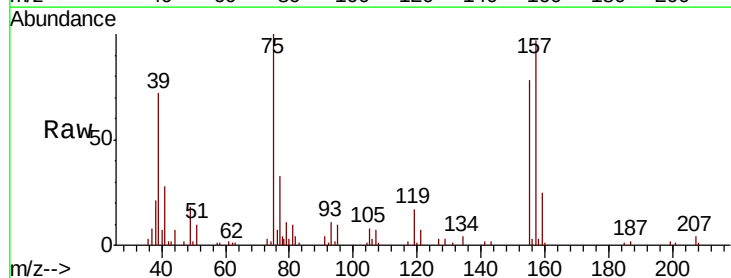
Instrument :
 MSVOA_Y
 ClientSampleId :

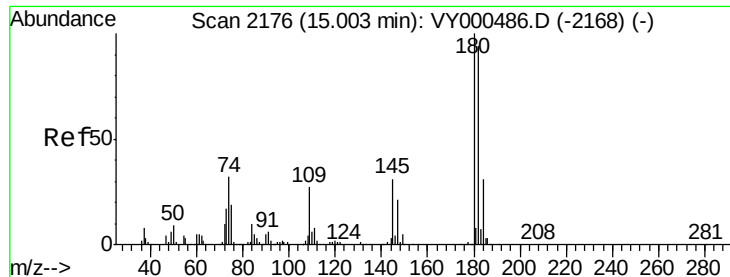
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.5	61.5
148	63.8	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.985 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.8	42.4	127.1
157	98.1	55.1	165.3

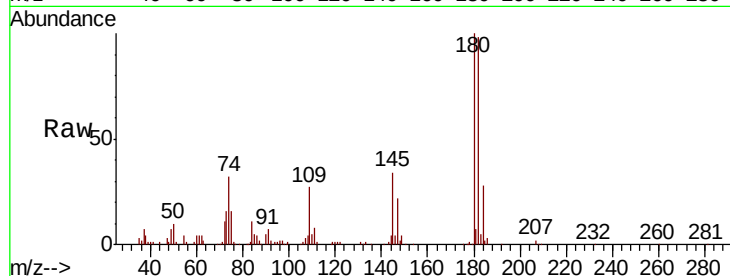




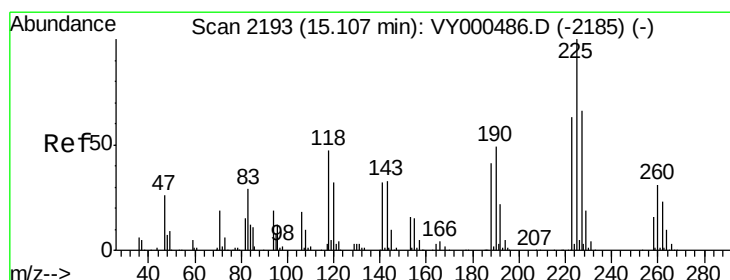
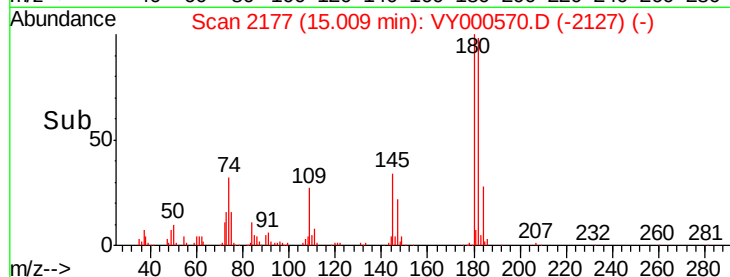
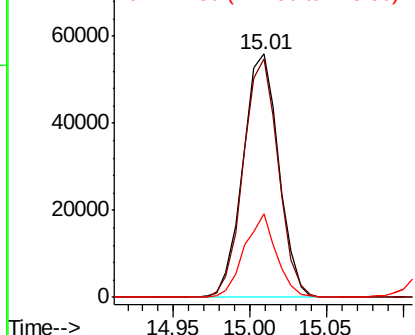
#93
 1,2,4-Trichlorobenzene
 Concen: 21.226 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.8	143.4
145	30.9	16.0	47.9

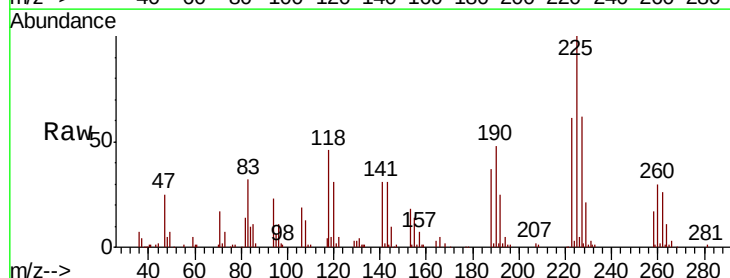


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

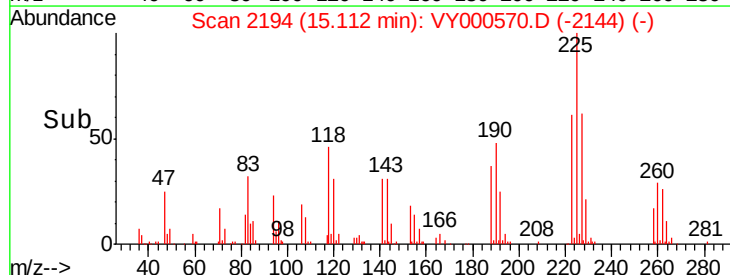
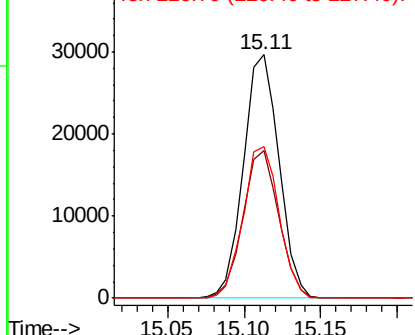


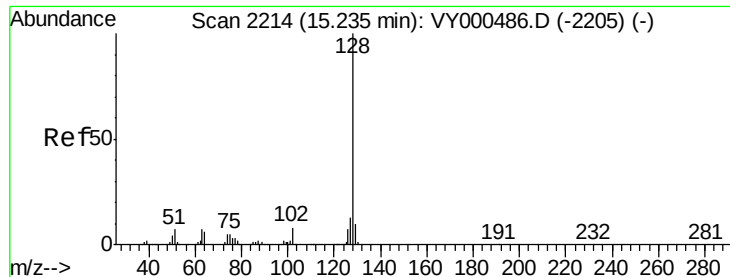
#94
 Hexachlorobutadiene
 Concen: 21.811 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.3	93.8
227	62.7	32.4	97.0



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

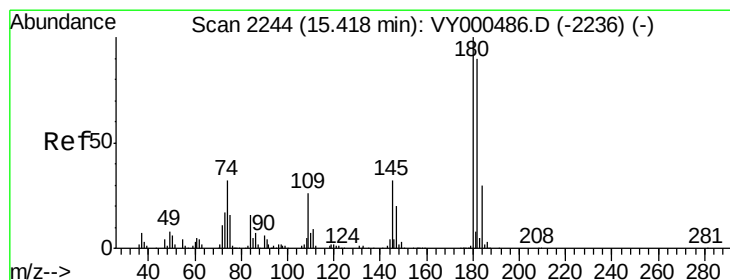
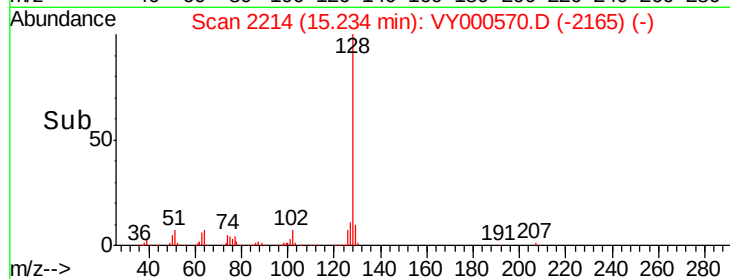
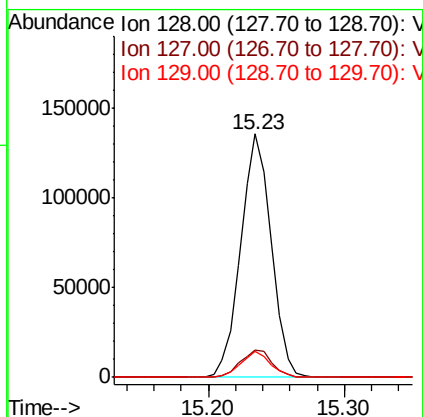
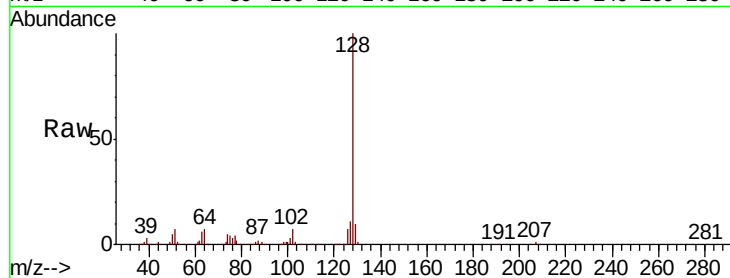




#95
Naphthalene
Concen: 22.464 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 213002
Ion Ratio Lower Upper
128 100
127 11.7 9.8 14.6
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.255 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion:180 Resp: 81449
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.3
145 33.5 15.7 47.0

