

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110719\
 Data File : VY000569.D
 Acq On : 07 Nov 2019 11:01
 Operator : SY/MD
 Sample : VY1107SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 03:44:12 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	282599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	480863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	431293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	207802	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	155766	53.26	ug/l	0.00
Spiked Amount			Recovery	=	106.52%	
35) Dibromofluoromethane	7.73	113	137979	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
50) Toluene-d8	10.19	98	564636	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.48	95	201324	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	55336	19.892	ug/l	97
3) Chloromethane	2.12	50	75887	19.802	ug/l	99
4) Vinyl Chloride	2.26	62	72620	20.406	ug/l	97
5) Bromomethane	2.65	94	48962	22.944	ug/l	99
6) Chloroethane	2.79	64	45622	20.484	ug/l	94
7) Trichlorofluoromethane	3.13	101	106717	22.205	ug/l	94
8) Diethyl Ether	3.54	74	37288	21.836	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	63776	21.950	ug/l	94
10) Methyl Iodide	4.10	142	65470	19.223	ug/l	98
11) Tert butyl alcohol	4.99	59	27038	94.975	ug/l #	94
12) 1,1-Dichloroethene	3.88	96	61335	21.728	ug/l	97
13) Acrolein	3.74	56	20458	82.500	ug/l	94
14) Allyl chloride	4.49	41	105433	22.970	ug/l	97
15) Acrylonitrile	5.18	53	97314	111.244	ug/l	99
16) Acetone	3.97	43	74490	92.415	ug/l	92
17) Carbon Disulfide	4.20	76	185405	20.824	ug/l	100
18) Methyl Acetate	4.49	43	50509	20.153	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	167889	21.391	ug/l	98
20) Methylene Chloride	4.72	84	76911	22.269	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	67863	21.265	ug/l	96
22) Diisopropyl ether	6.13	45	221749	22.226	ug/l	99
23) Vinyl Acetate	6.07	43	700969	111.302	ug/l	97
24) 1,1-Dichloroethane	6.03	63	119582	22.125	ug/l	99
25) 2-Butanone	7.00	43	128190	99.652	ug/l	98
26) 2,2-Dichloropropane	6.99	77	108530	21.973	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	77202	22.123	ug/l	97
28) Bromochloromethane	7.35	49	29763	15.179	ug/l	94
29) Tetrahydrofuran	7.36	42	81466	103.520	ug/l	98
30) Chloroform	7.52	83	117455	21.482	ug/l	94
31) Cyclohexane	7.80	56	124658	22.021	ug/l #	93
32) 1,1,1-Trichloroethane	7.71	97	107035	21.965	ug/l	98
36) 1,1-Dichloropropene	7.93	75	98489	21.666	ug/l	99
37) Ethyl Acetate	7.09	43	56671	20.998	ug/l	97
38) Carbon Tetrachloride	7.91	117	91674	20.958	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	123954	21.106	ug/l	98
40) Benzene	8.17	78	278315	20.883	ug/l	100
41) Methacrylonitrile	7.36	41	75951	50.446	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	82552	21.839	ug/l	99
43) Isopropyl Acetate	8.28	43	108045	21.311	ug/l	99
44) Trichloroethene	8.95	130	73624	20.952	ug/l	95
45) 1,2-Dichloropropane	9.22	63	71182	21.701	ug/l	93
46) Dibromomethane	9.32	93	37172	20.606	ug/l	99
47) Bromodichloromethane	9.50	83	90192	21.071	ug/l	99
48) Methyl methacrylate	9.30	41	47386	21.392	ug/l	96
49) 1,4-Dioxane	9.31	88	8801	362.505	ug/l #	79
51) 4-Methyl-2-Pentanone	10.08	43	284785	105.651	ug/l	99
52) Toluene	10.25	92	177837	21.106	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	96437	21.086	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	112021	21.380	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	55229	21.167	ug/l	96
56) Ethyl methacrylate	10.51	69	78835	21.318	ug/l	99
57) 1,3-Dichloropropane	10.80	76	97239	21.293	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	164646	98.481	ug/l	99
59) 2-Hexanone	10.84	43	202751	103.237	ug/l	100
60) Dibromochloromethane	10.99	129	61232	20.488	ug/l	99
61) 1,2-Dibromoethane	11.10	107	52038	20.743	ug/l	96
64) Tetrachloroethene	10.72	164	73931	20.731	ug/l	96
65) Chlorobenzene	11.52	112	184787	21.132	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	65967	21.752	ug/l	98
67) Ethyl Benzene	11.60	91	348208	21.637	ug/l	96
68) m/p-Xylenes	11.70	106	261249	41.942	ug/l	96
69) o-Xylene	12.03	106	122214	20.877	ug/l	98
70) Styrene	12.05	104	206027	20.553	ug/l	98
71) Bromoform	12.21	173	35601	20.410	ug/l #	100
73) Isopropylbenzene	12.33	105	333514	21.716	ug/l	99
74) N-amyl acetate	12.14	43	97030	22.060	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	65262	21.461	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	89979	38.028	ug/l #	100
77) Bromobenzene	12.61	156	72976	20.953	ug/l	96
78) n-propylbenzene	12.67	91	402417	21.716	ug/l	99
79) 2-Chlorotoluene	12.75	91	227594	22.123	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	278964	21.809	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	22256	21.090	ug/l	95
82) 4-Chlorotoluene	12.86	91	237740	22.294	ug/l	97
83) tert-Butylbenzene	13.08	119	239002	21.884	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	282386	22.173	ug/l	96
85) sec-Butylbenzene	13.25	105	341533	21.949	ug/l	99
86) p-Isopropyltoluene	13.37	119	300149	21.643	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	144836	21.232	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	144663	21.222	ug/l	98
89) n-Butylbenzene	13.70	91	296692	21.691	ug/l	99
90) Hexachloroethane	13.96	117	56313	21.965	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	132300	21.375	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11662	21.669	ug/l	97

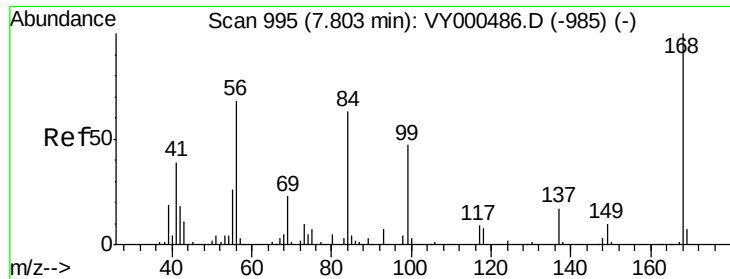
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	88785	21.067	ug/l	99
94) Hexachlorobutadiene	15.11	225	46265	21.297	ug/l	98
95) Naphthalene	15.23	128	198486	21.216	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	79716	21.084	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: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

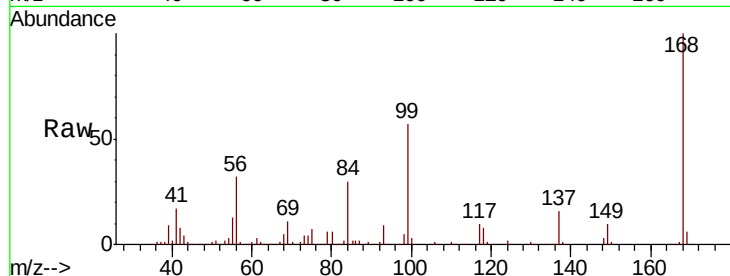
ClientSampleId :

Tot Ion:168 Resp: 282599

Ion Ratio Lower Upper

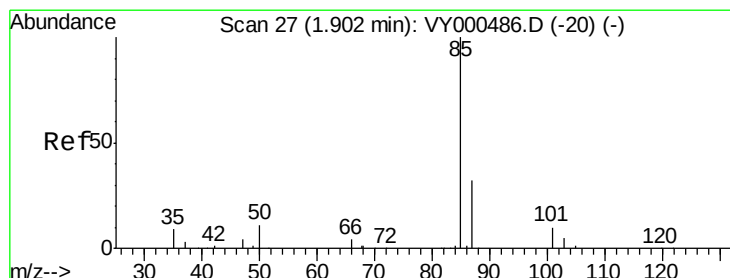
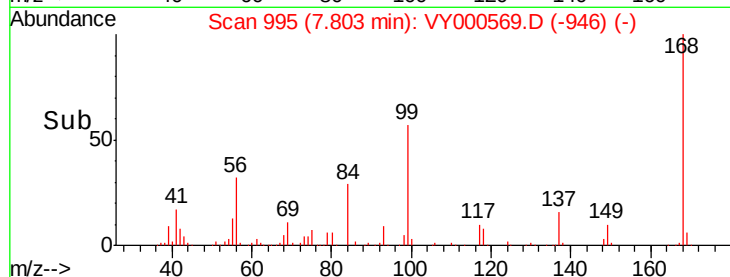
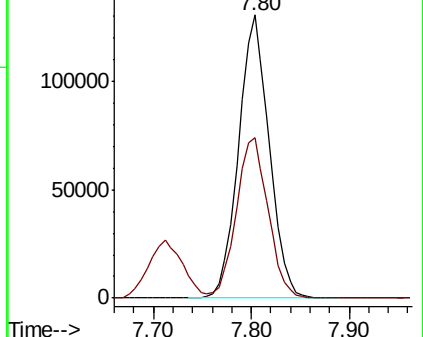
168 100

99 56.6 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) (-)



#2

Dichlorodifluoromethane

Concen: 19.892 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000569.D

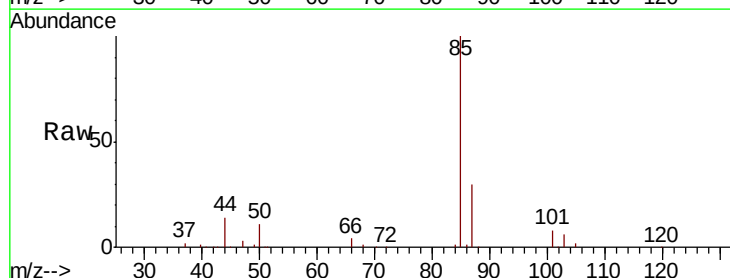
Acq: 07 Nov 2019 11:01

Tgt Ion: 85 Resp: 55336

Ion Ratio Lower Upper

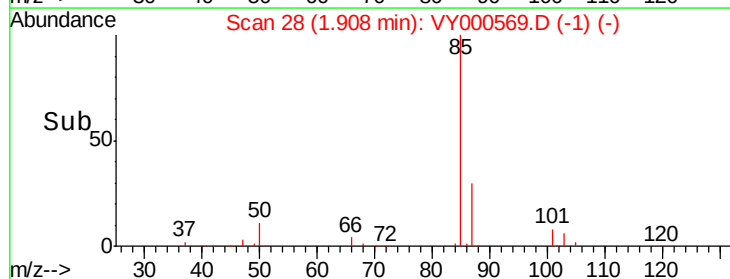
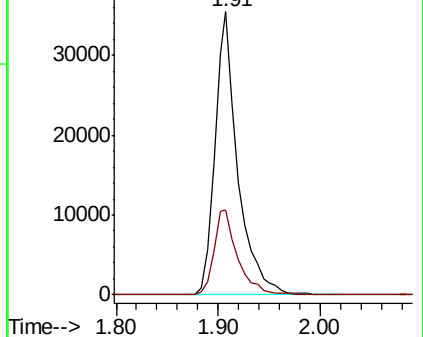
85 100

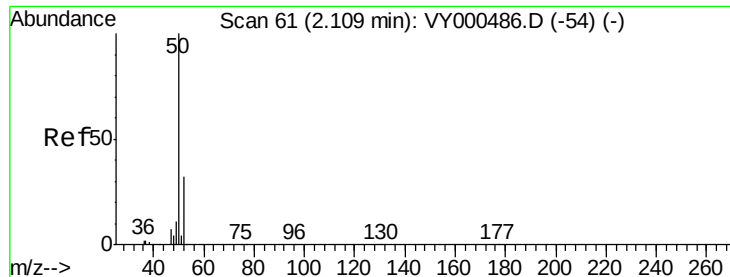
87 30.2 15.9 47.7



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

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





#3

Chloromethane

Concen: 19.802 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

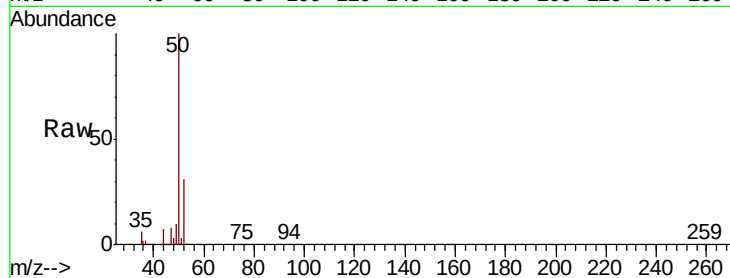
ClientSampleId :

Tot Ion: 50 Resp: 75887

Ion Ratio Lower Upper

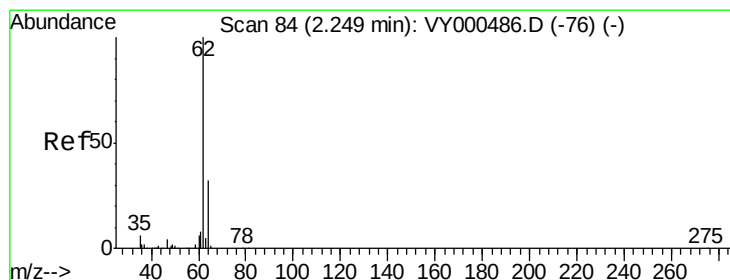
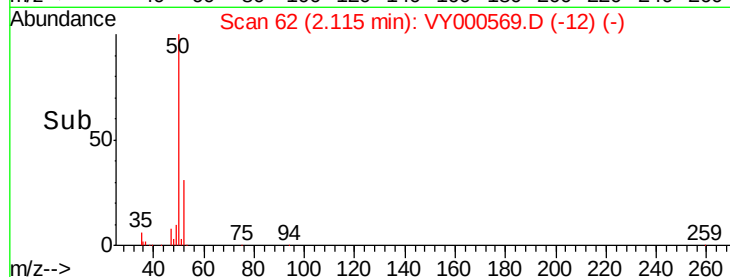
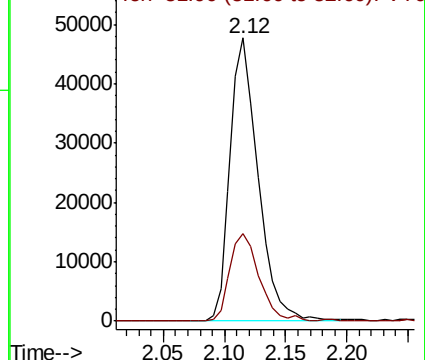
50 100

52 31.1 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: 20.406 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000569.D

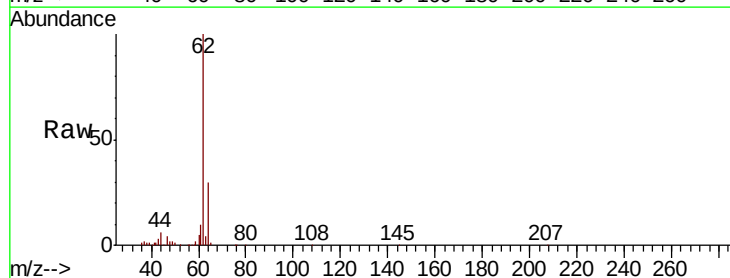
Acq: 07 Nov 2019 11:01

Tgt Ion: 62 Resp: 72620

Ion Ratio Lower Upper

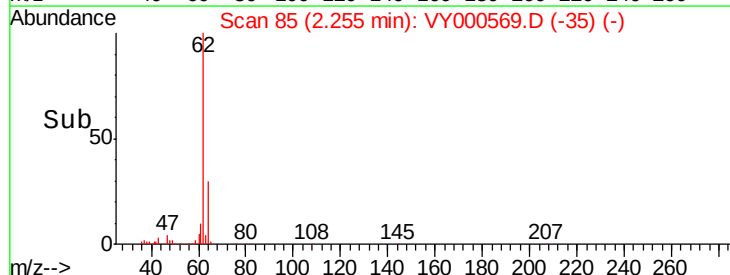
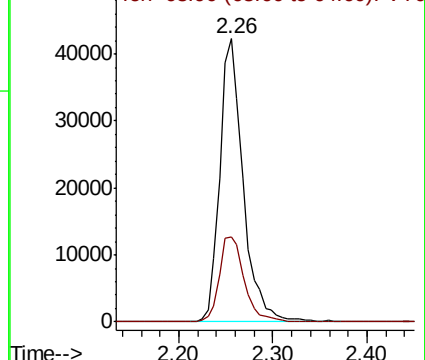
62 100

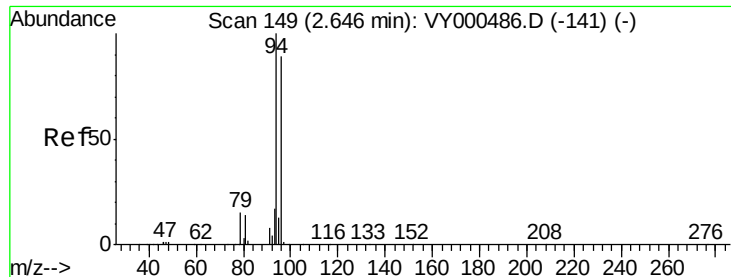
64 30.0 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.944 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

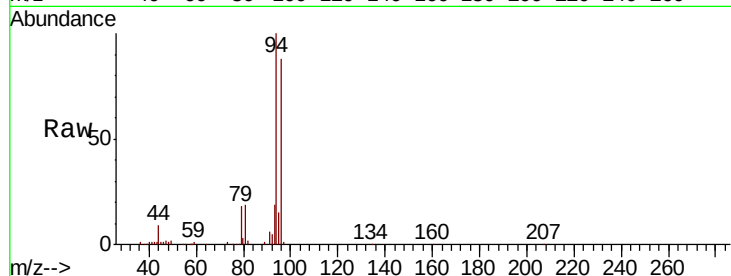
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 48962

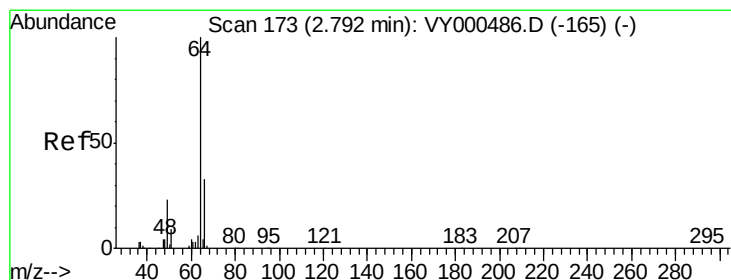
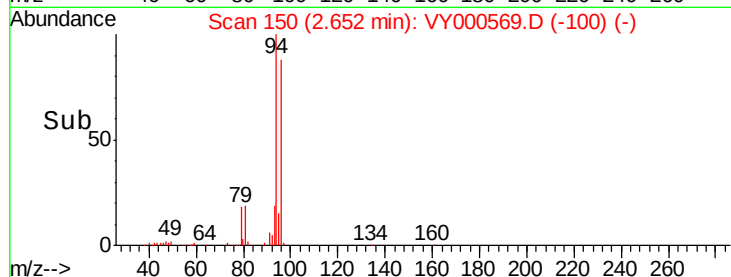
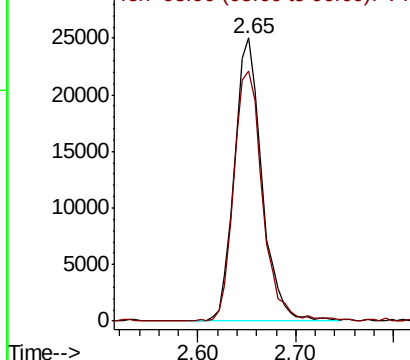
Ion Ratio Lower Upper

94 100

96 88.5 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: 20.484 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000569.D

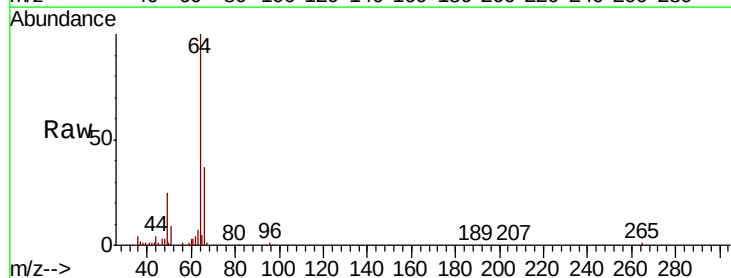
Acq: 07 Nov 2019 11:01

Tgt Ion: 64 Resp: 45622

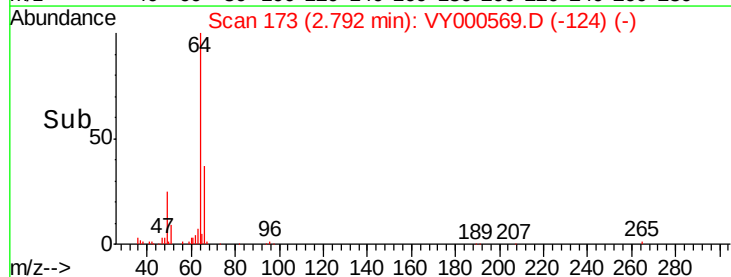
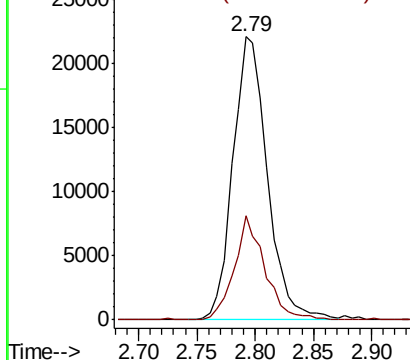
Ion Ratio Lower Upper

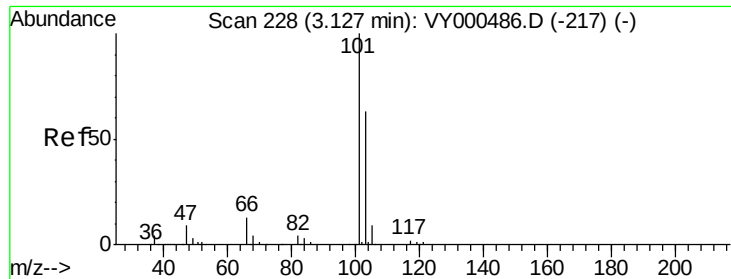
64 100

66 36.9 26.6 40.0



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



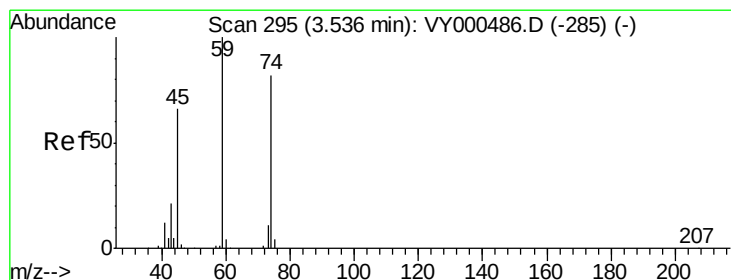
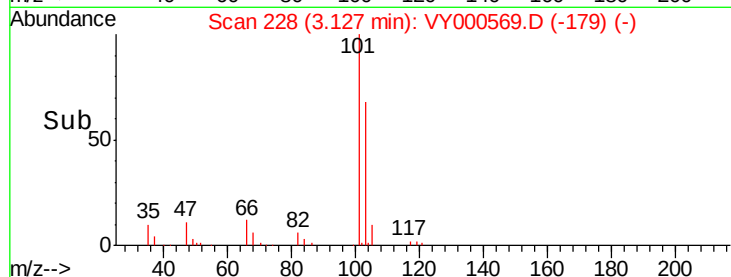
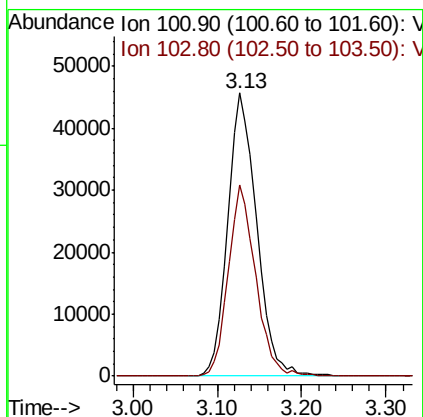
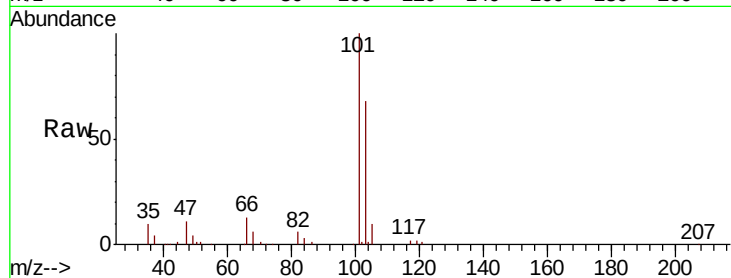


#7

Trichlorofluoromethane
 Concen: 22.205 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampled :

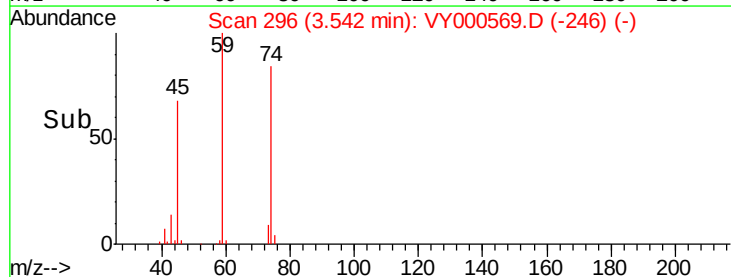
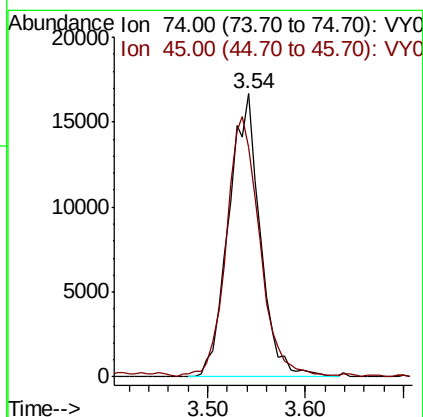
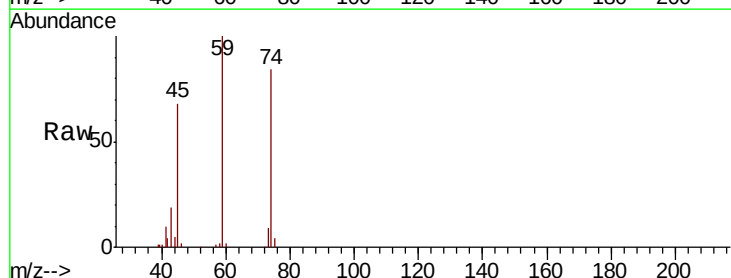
Tot Ion:101 Resp: 106717
 Ion Ratio Lower Upper
 101 100
 103 67.7 50.5 75.7

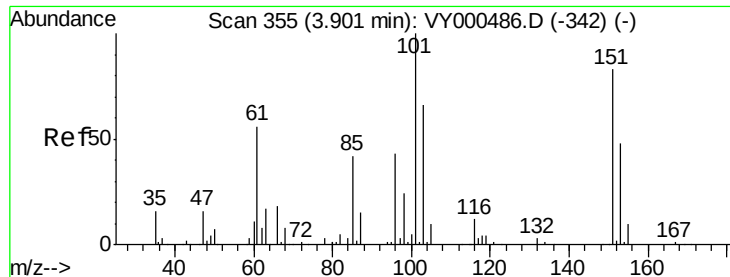


#8

Diethyl Ether
 Concen: 21.836 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion: 74 Resp: 37288
 Ion Ratio Lower Upper
 74 100
 45 96.2 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.950 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

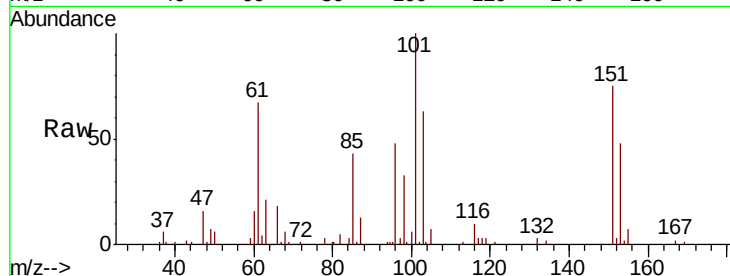
Tot Ion:101 Resp: 63776

Ion Ratio Lower Upper

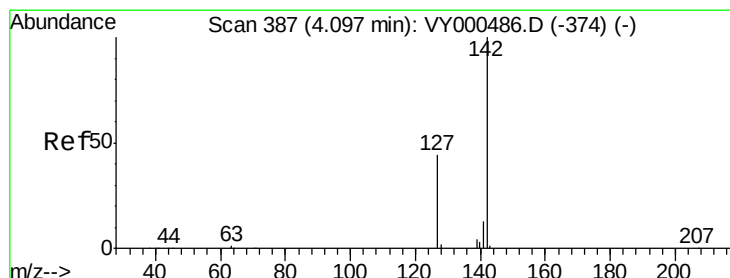
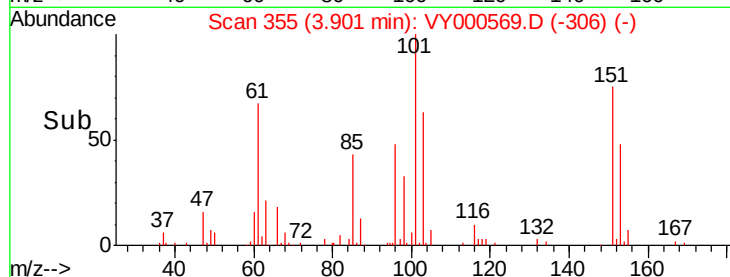
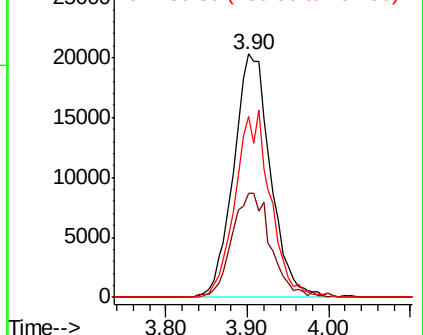
101 100

85 44.8 36.7 55.1

151 72.9 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: 19.223 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

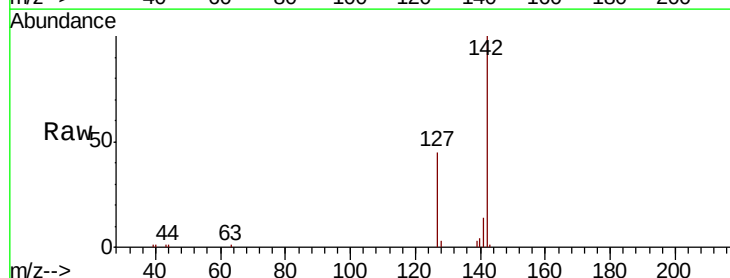
Tgt Ion:142 Resp: 65470

Ion Ratio Lower Upper

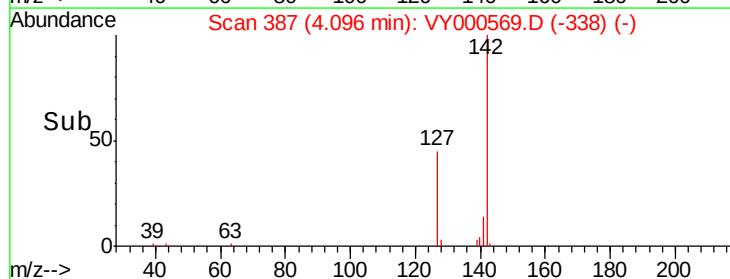
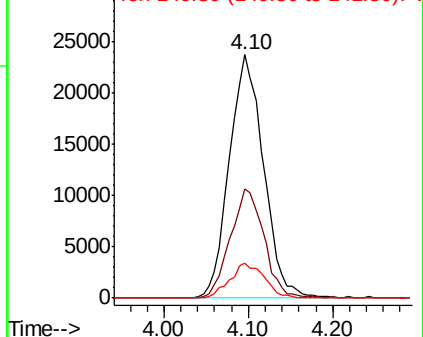
142 100

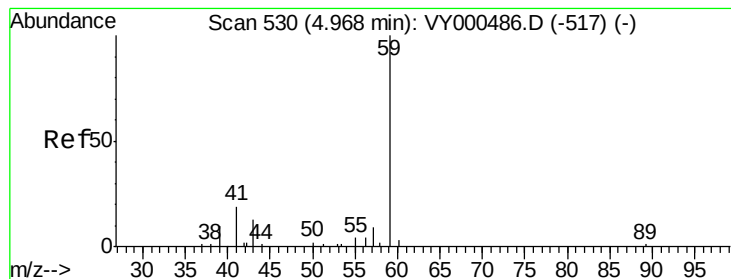
127 43.7 33.7 50.5

141 14.4 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: 94.975 ug/l

RT: 4.99 min Scan# 533

Delta R.T. 0.02 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

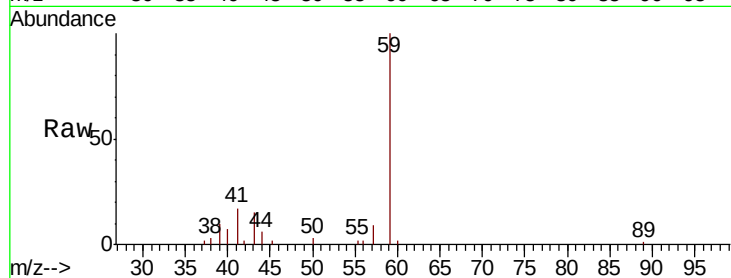
ClientSampleId :

Tot Ion: 59 Resp: 27038

Ion Ratio Lower Upper

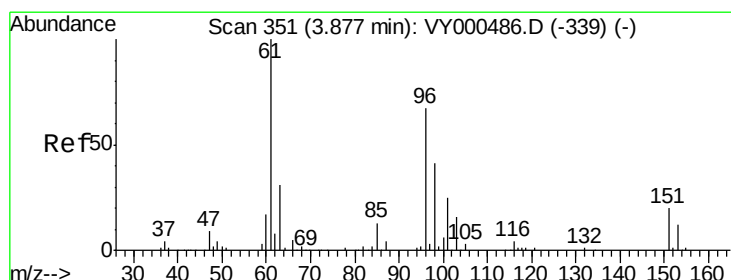
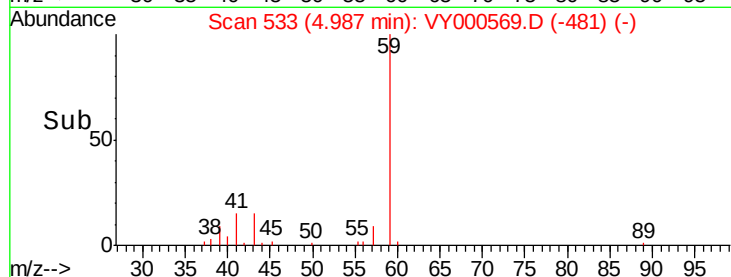
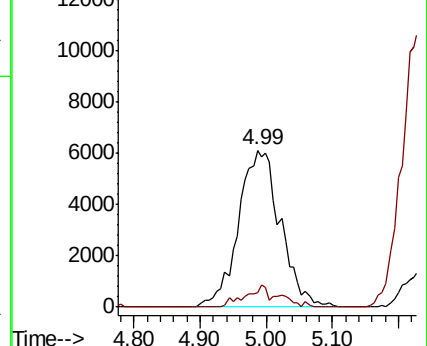
59 100

57 8.3 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 21.728 ug/l

RT: 3.88 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

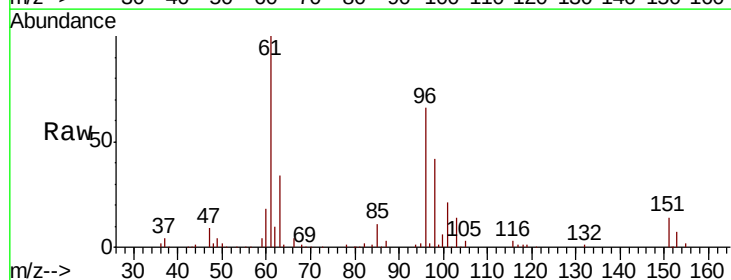
Tgt Ion: 96 Resp: 61335

Ion Ratio Lower Upper

96 100

61 151.6 119.2 178.8

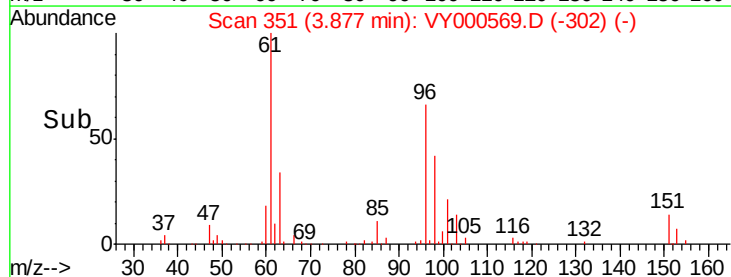
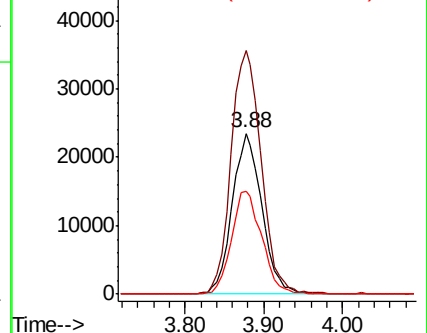
98 63.9 48.6 73.0

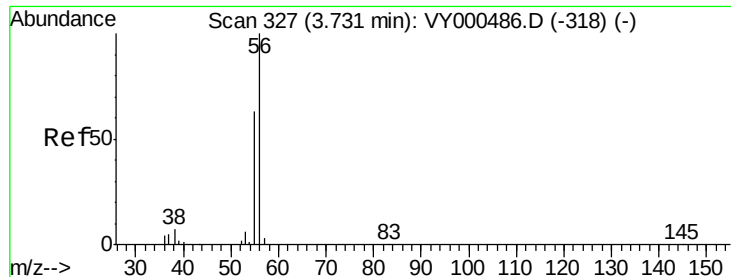


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 82.500 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

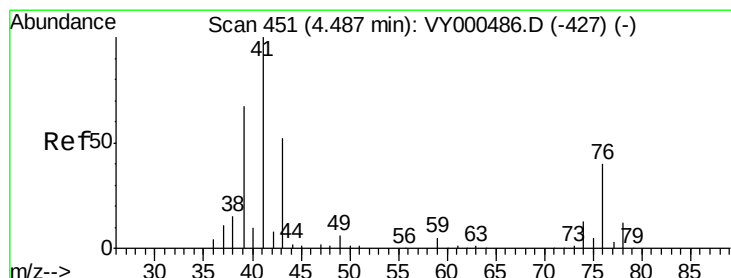
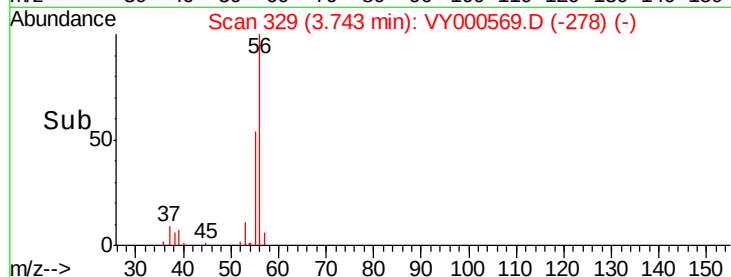
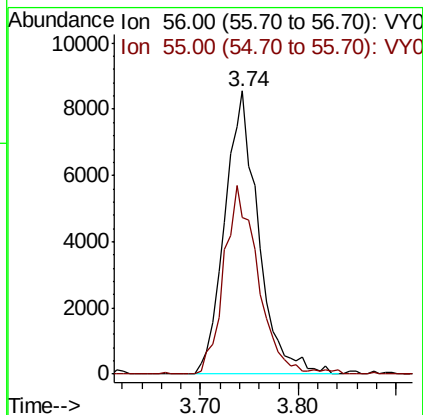
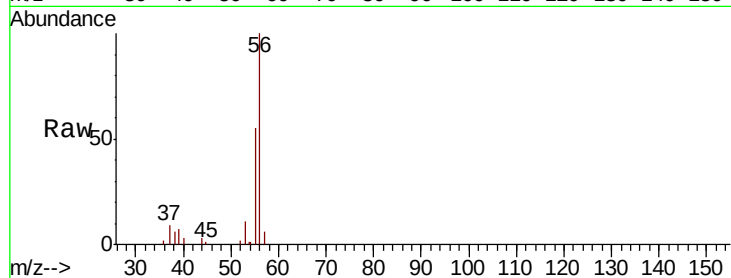
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 20458

Ion Ratio Lower Upper

56 100

55 66.6 57.0 85.6



#14

Allyl chloride

Concen: 22.970 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

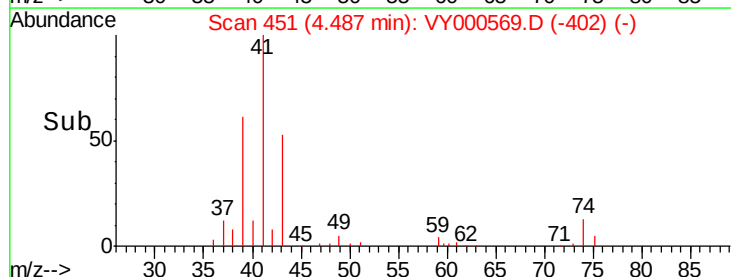
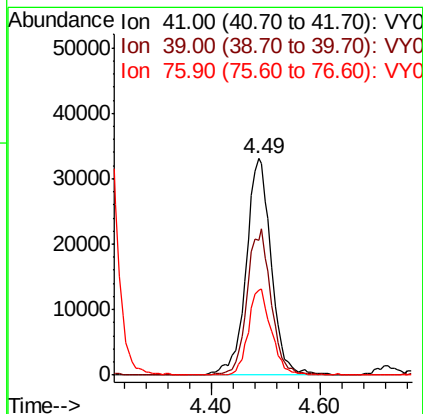
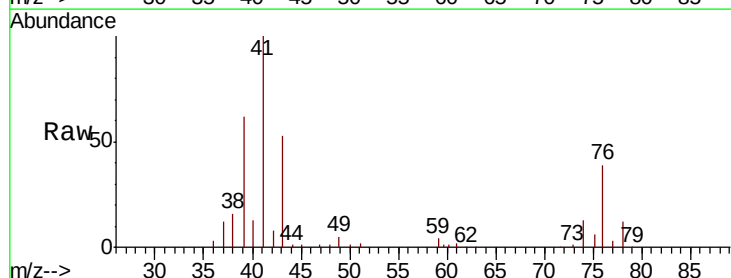
Tgt Ion: 41 Resp: 105433

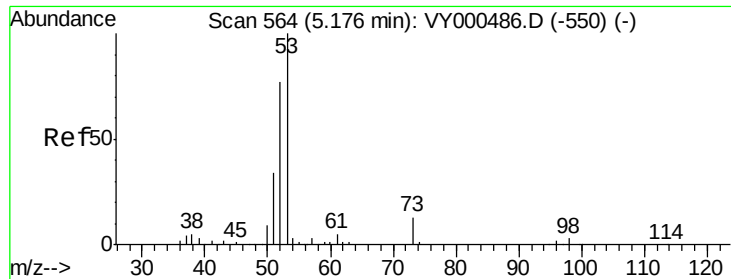
Ion Ratio Lower Upper

41 100

39 64.7 53.6 80.4

76 36.1 29.8 44.6





#15

Acrylonitrile

Concen: 111.244 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

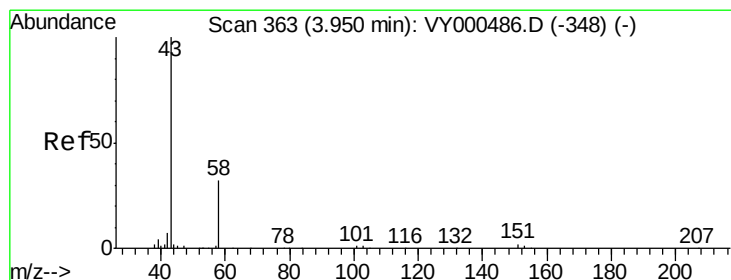
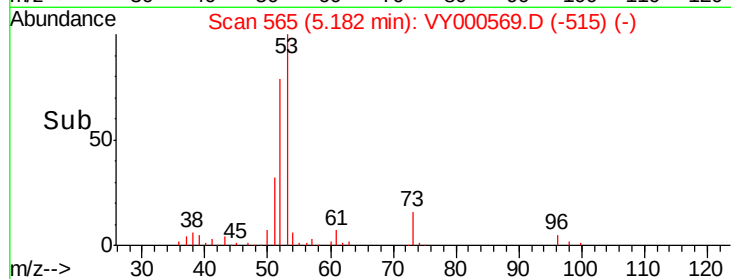
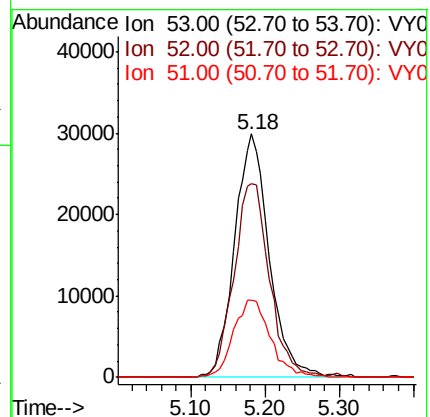
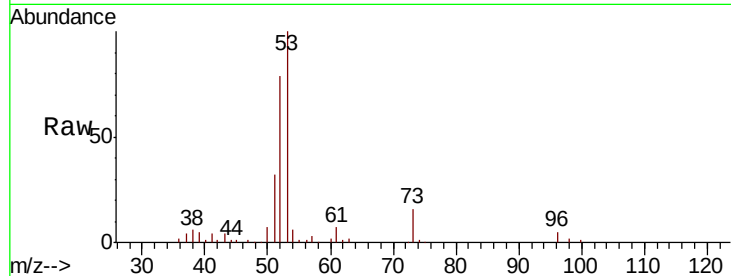
Tot Ion: 53 Resp: 97314

Ion Ratio Lower Upper

53 100

52 81.8 64.9 97.3

51 34.3 27.6 41.4



#16

Acetone

Concen: 92.415 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY000569.D

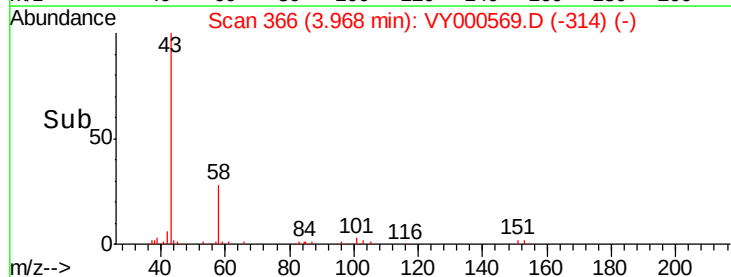
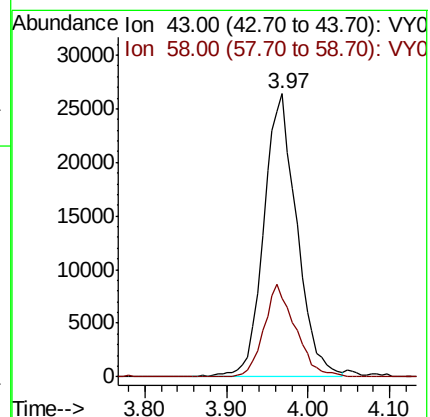
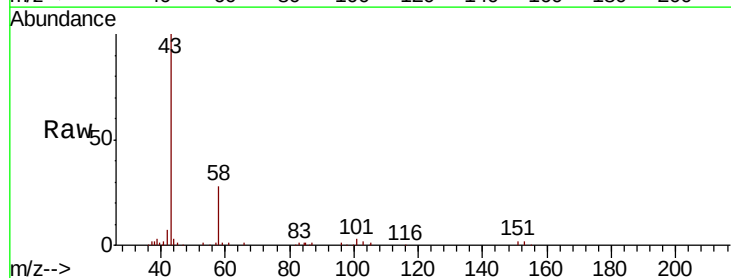
Acq: 07 Nov 2019 11:01

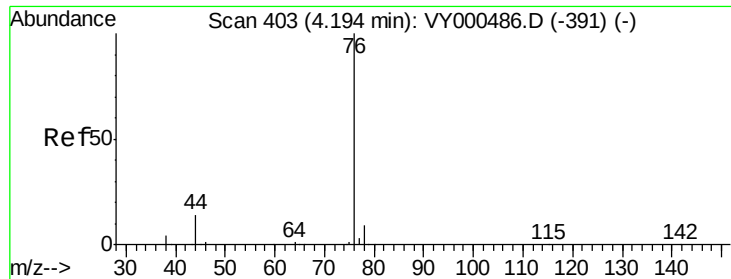
Tgt Ion: 43 Resp: 74490

Ion Ratio Lower Upper

43 100

58 27.8 25.8 38.6

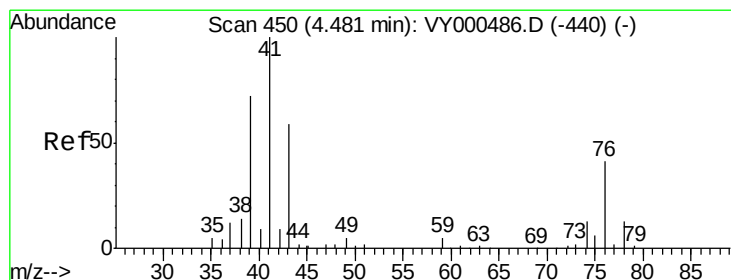
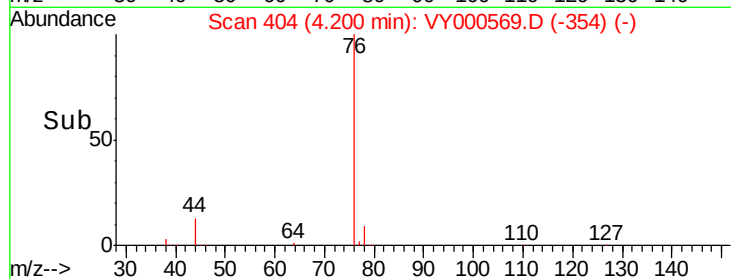
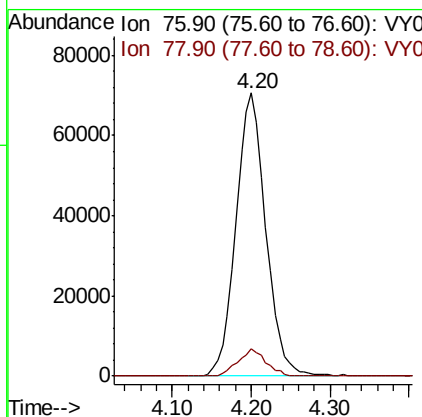
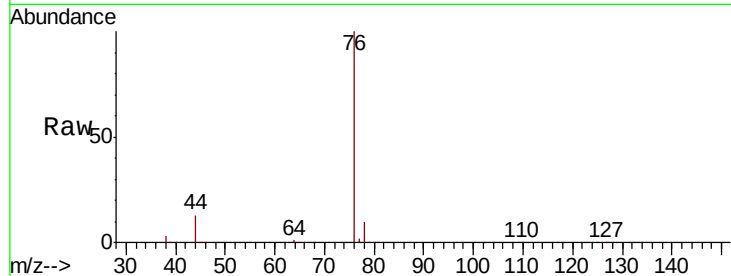




#17
Carbon Disulfide
Concen: 20.824 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

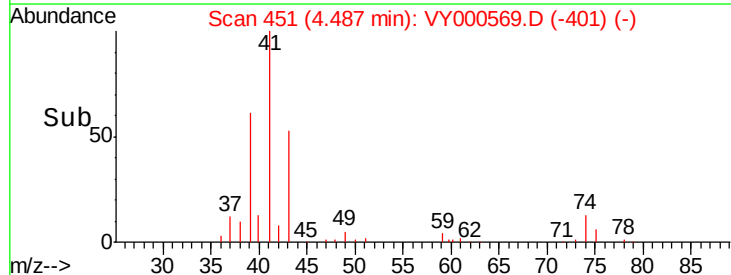
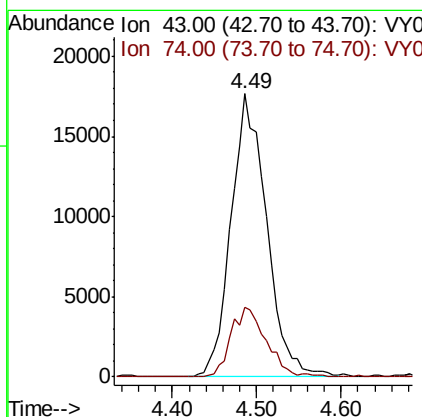
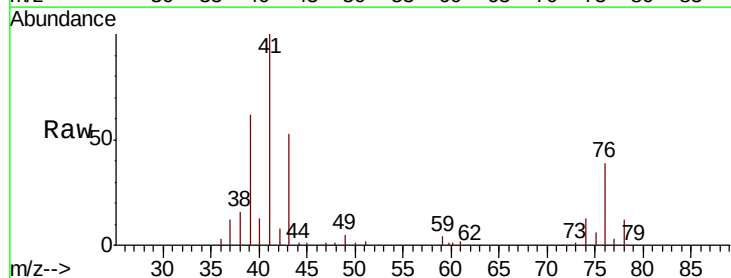
Instrument :
MSVOA_Y
ClientSampleId :

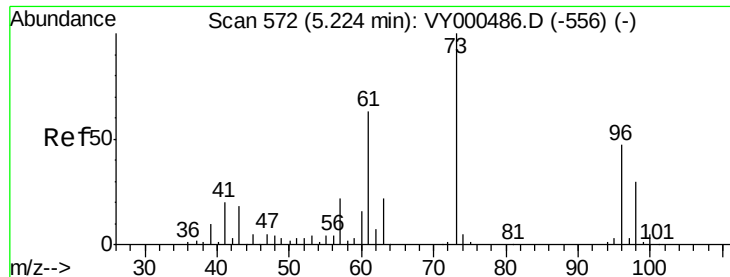
Tot Ion: 76 Resp: 185405
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#18
Methyl Acetate
Concen: 20.153 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion: 43 Resp: 50509
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8



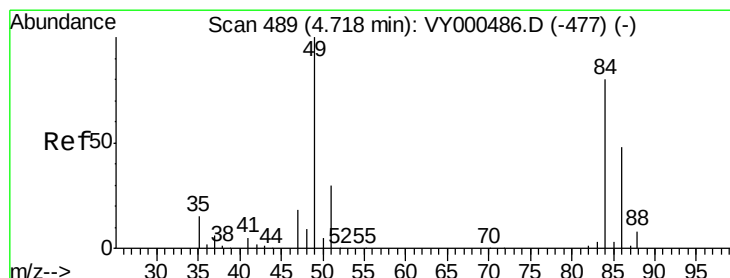
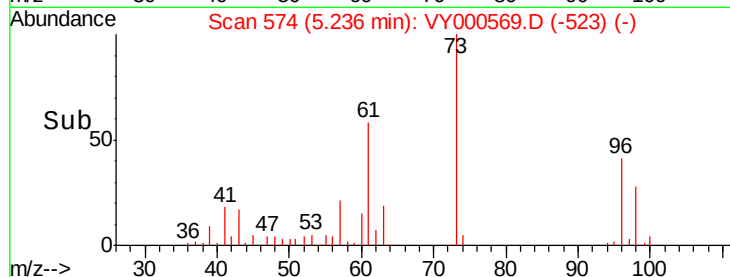
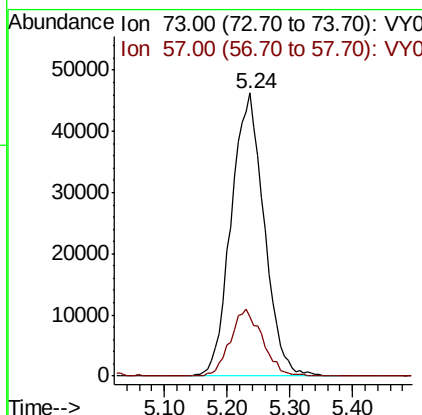
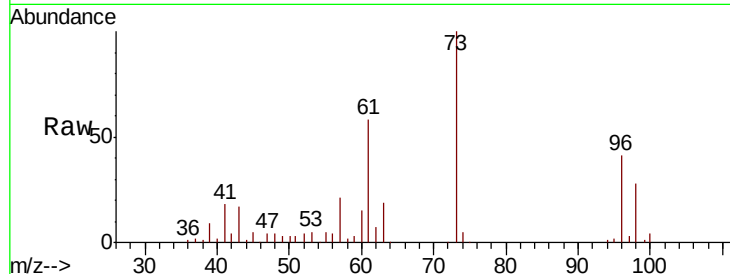


#19

Methyl tert-butyl Ether
 Concen: 21.391 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampled :

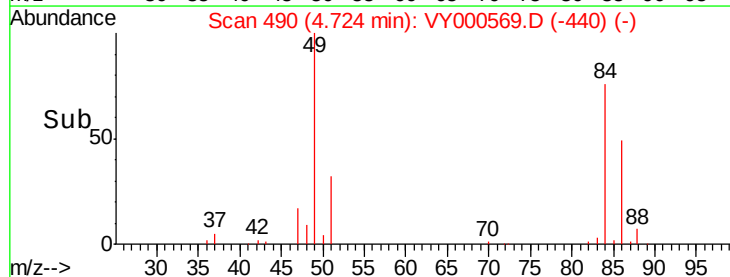
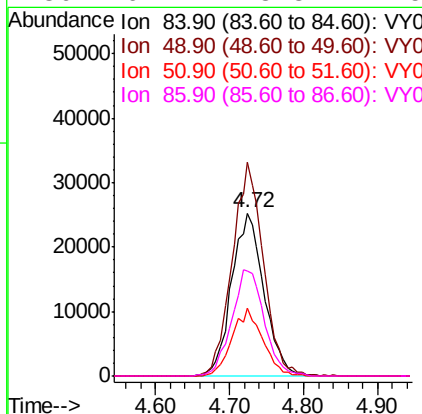
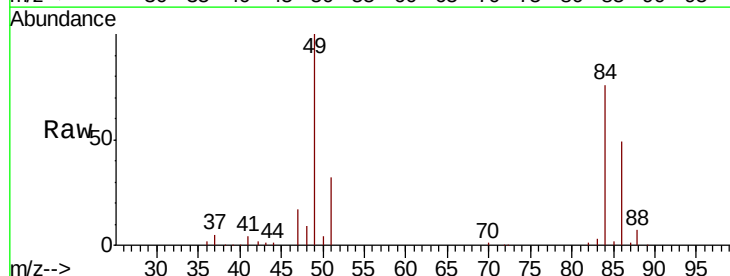
Tot Ion: 73 Resp: 167889
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.4 26.0

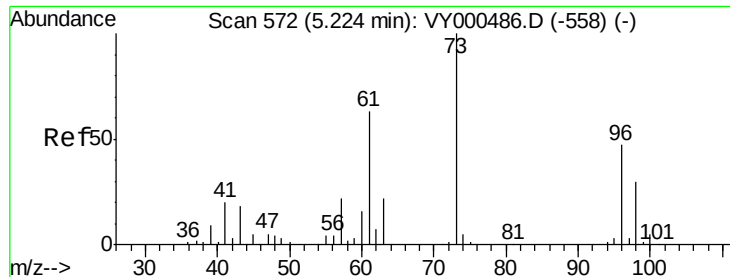


#20

Methylene Chloride
 Concen: 22.269 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion: 84 Resp: 76911
 Ion Ratio Lower Upper
 84 100
 49 131.2 100.2 150.4
 51 41.9 29.6 44.4
 86 64.1 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 21.265 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :

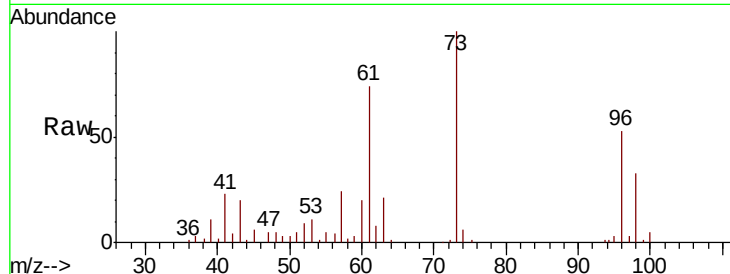
Tot Ion: 96 Resp: 67863

Ion Ratio Lower Upper

96 100

61 139.8 106.6 160.0

98 62.5 50.6 76.0

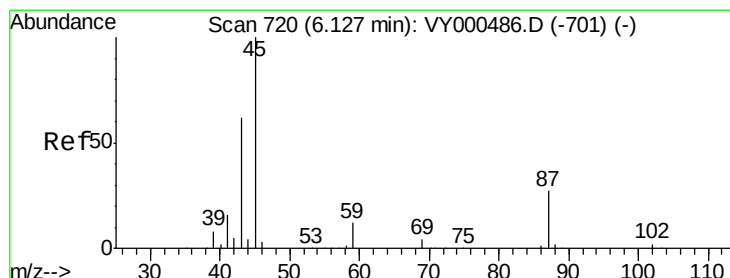
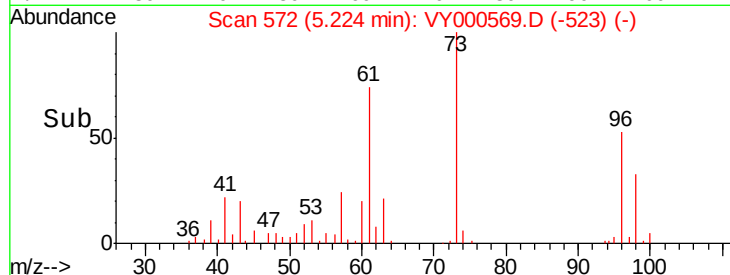
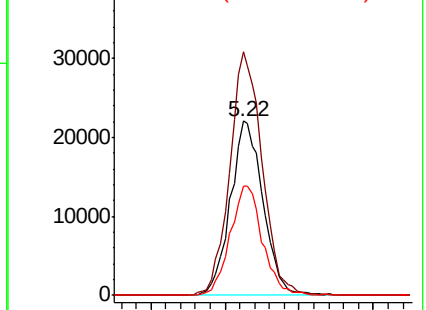


Abundance

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: 22.226 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Tgt Ion: 45 Resp: 221749

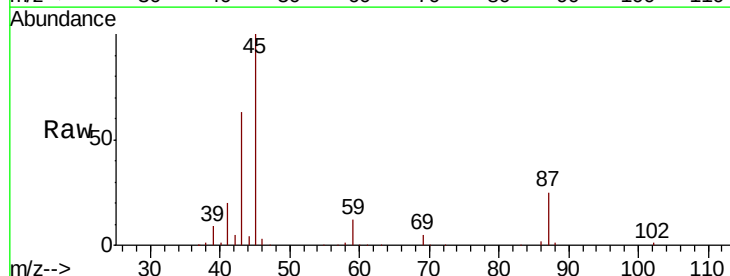
Ion Ratio Lower Upper

45 100

43 62.5 50.0 75.0

87 25.3 21.6 32.4

59 12.2 9.5 14.3



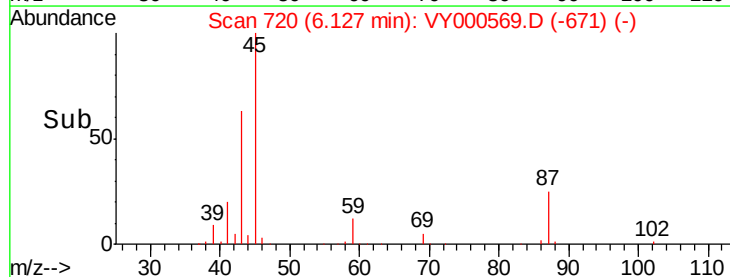
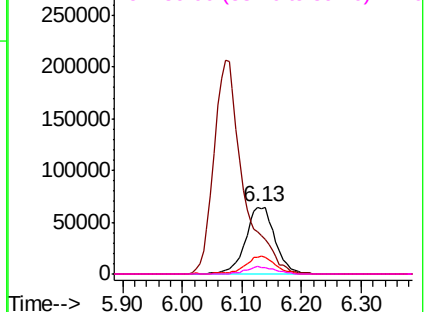
Abundance

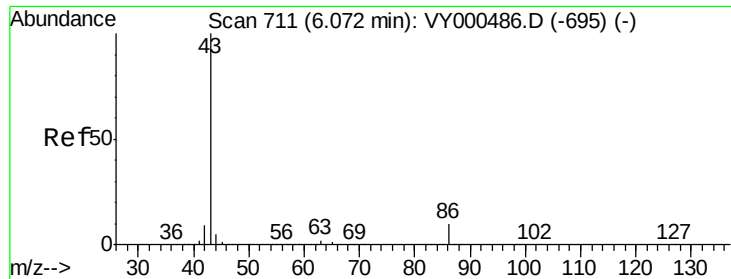
Ion 45.00 (44.70 to 45.70): VY0

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: 111.302 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

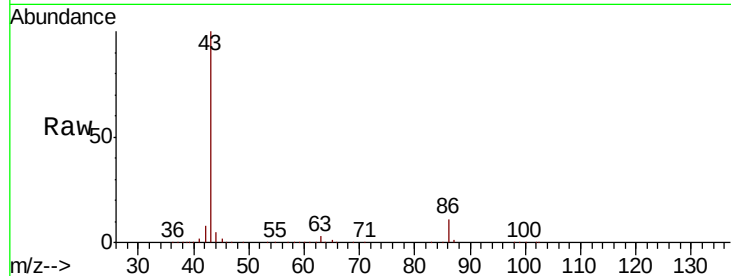
ClientSampleId :

Tot Ion: 43 Resp: 700969

Ion Ratio Lower Upper

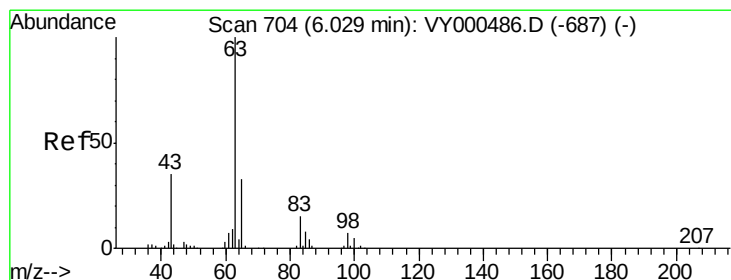
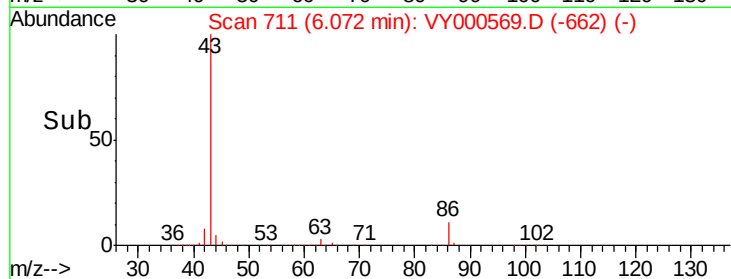
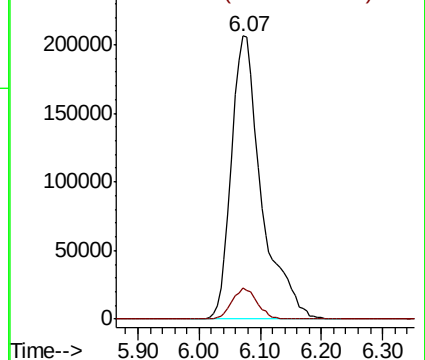
43 100

86 10.9 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.125 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

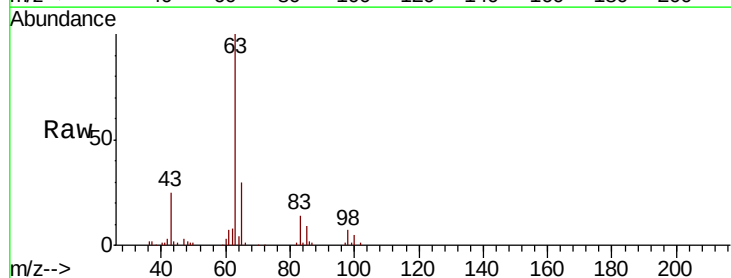
Tgt Ion: 63 Resp: 119582

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

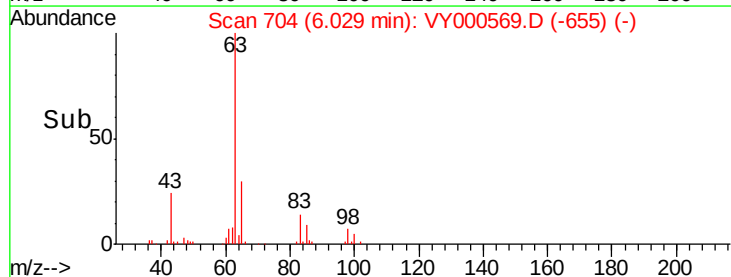
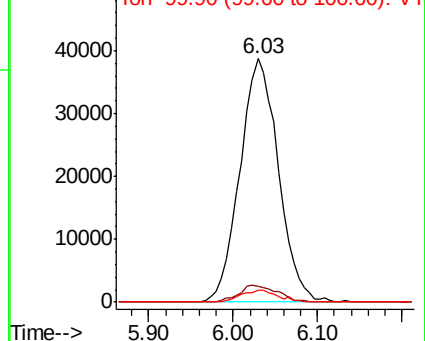
100 4.8 2.4 7.1

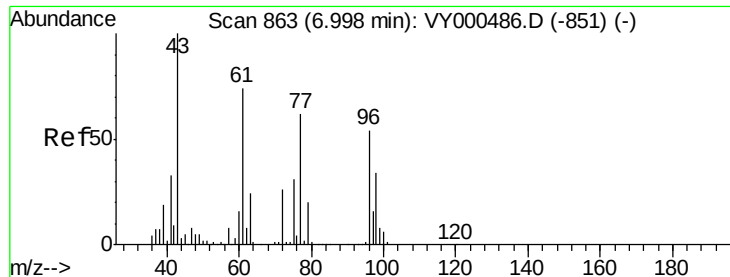


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 99.652 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

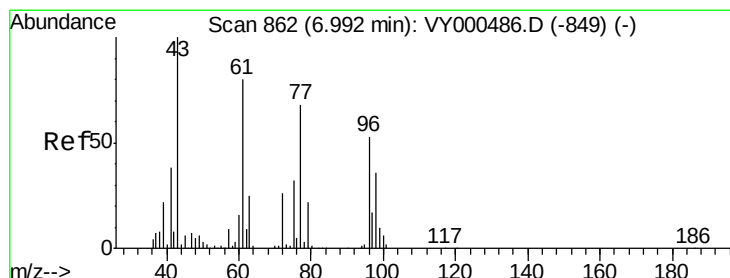
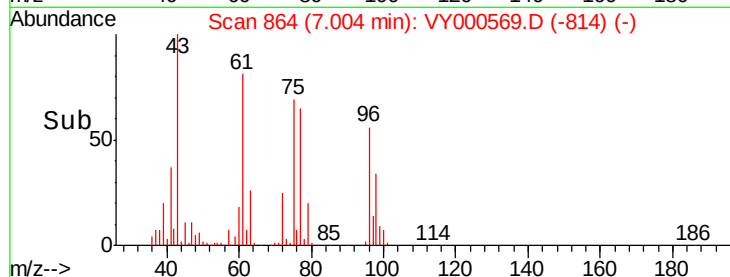
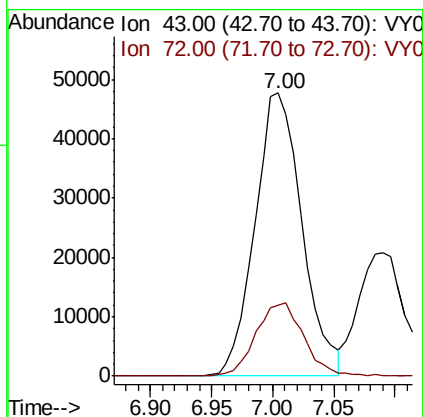
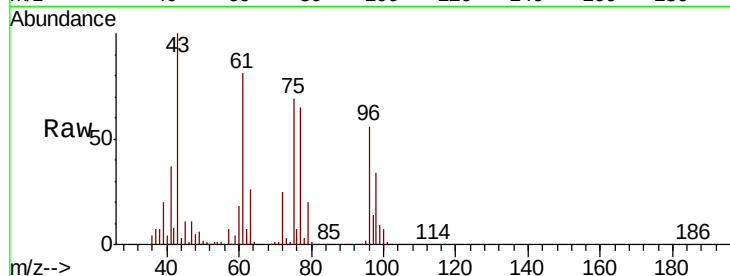
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 128190

Ion Ratio Lower Upper

43 100

72 25.1 20.9 31.3



#26

2,2-Dichloropropane

Concen: 21.973 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000569.D

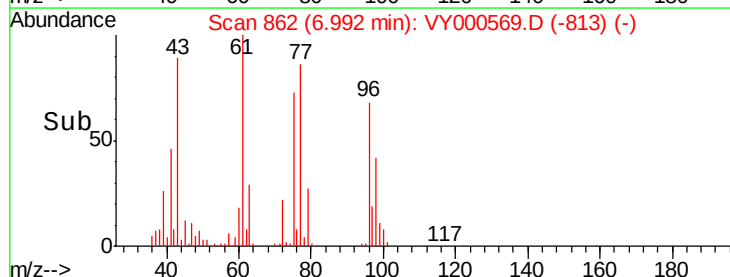
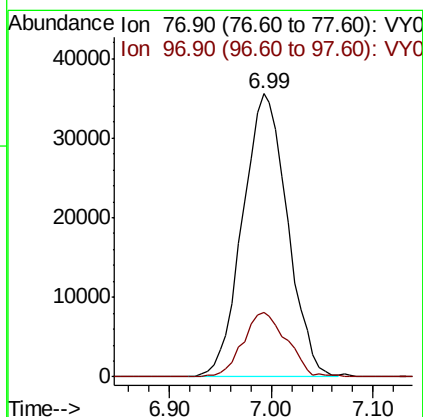
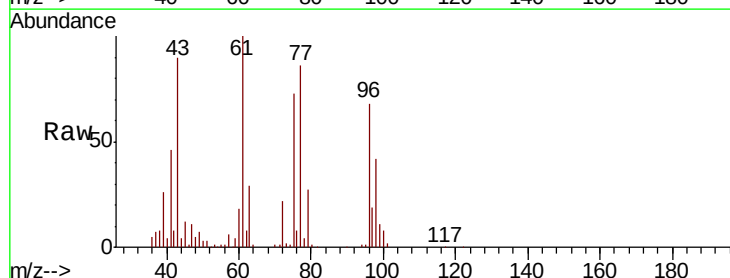
Acq: 07 Nov 2019 11:01

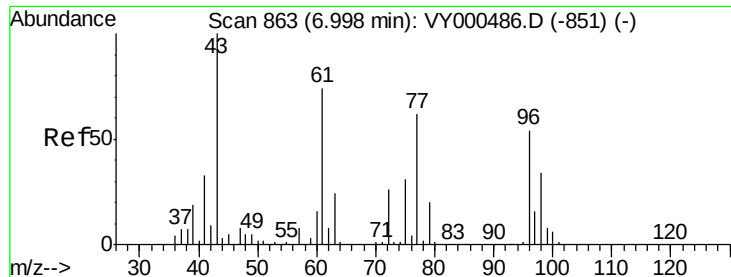
Tgt Ion: 77 Resp: 108530

Ion Ratio Lower Upper

77 100

97 22.4 11.8 35.4



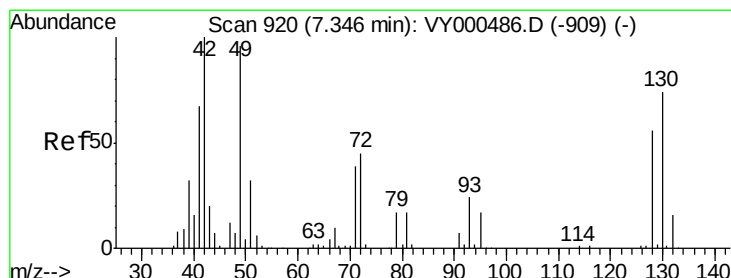
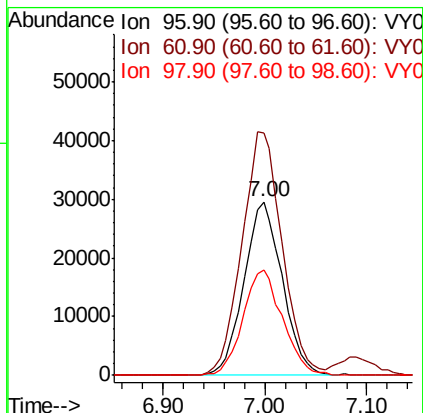
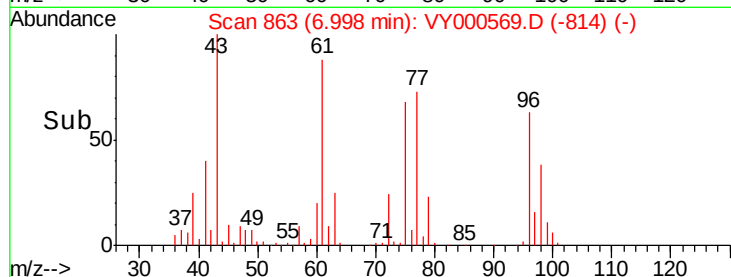
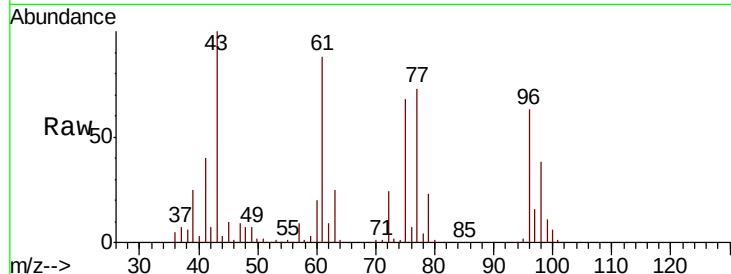


#27

cis-1,2-Dichloroethene
Concen: 22.123 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampled :

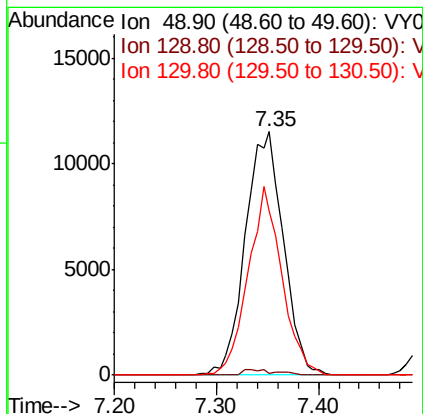
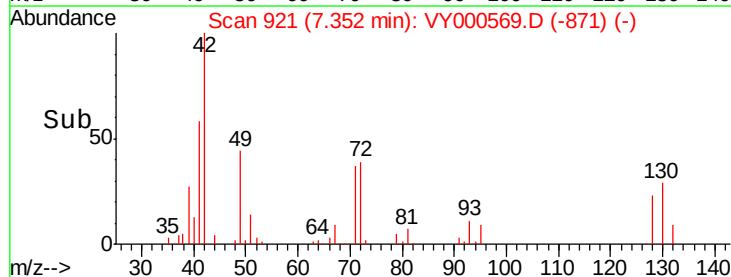
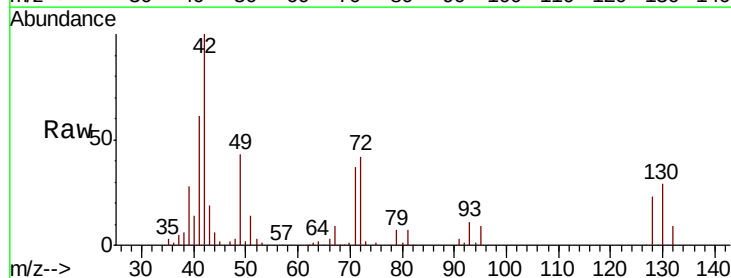
Tot Ion: 96 Resp: 77202
Ion Ratio Lower Upper
96 100
61 147.0 0.0 287.0
98 62.8 0.0 129.4

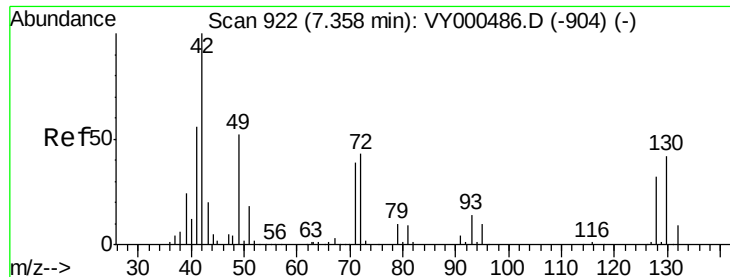


#28

Bromochloromethane
Concen: 15.179 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion: 49 Resp: 29763
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 69.1 59.4 89.0

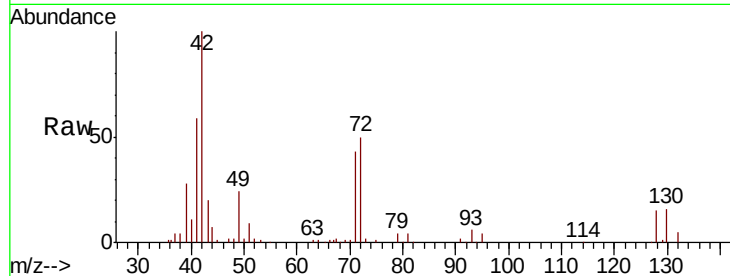




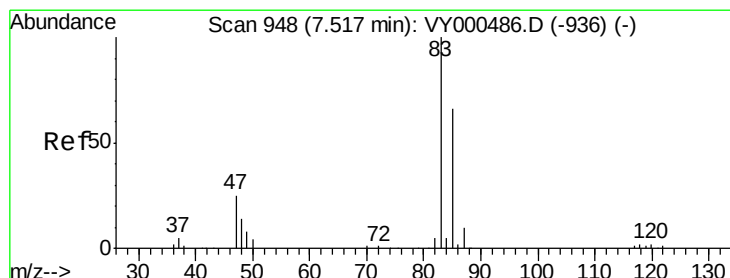
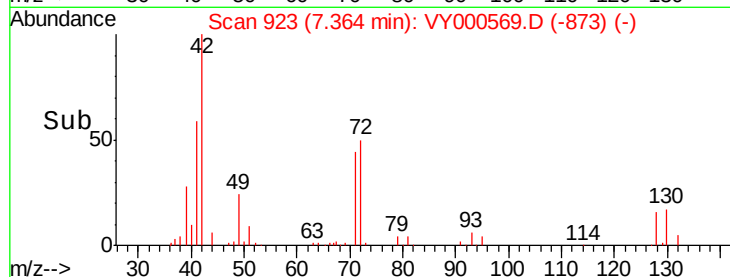
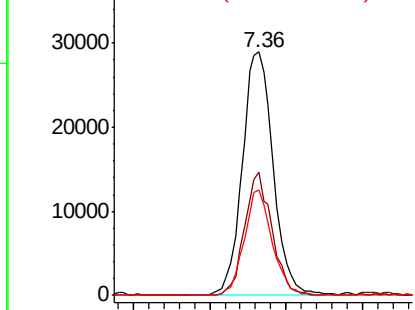
#29
Tetrahydrofuran
Concen: 103.520 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 81466
Ion Ratio Lower Upper
42 100
72 44.6 34.0 51.0
71 38.9 30.8 46.2

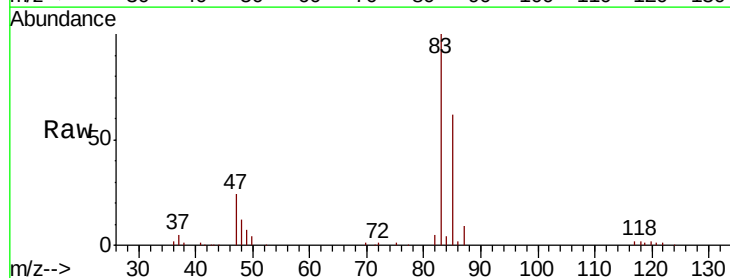


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

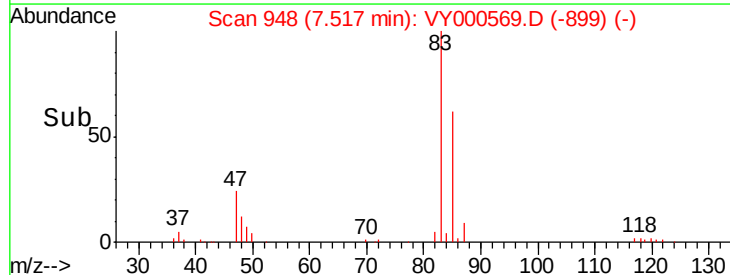
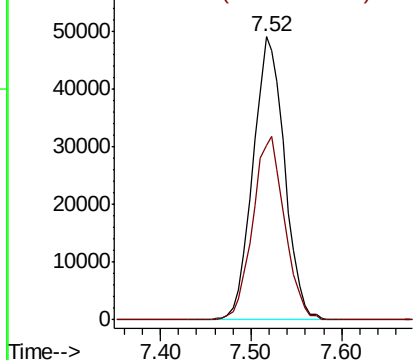


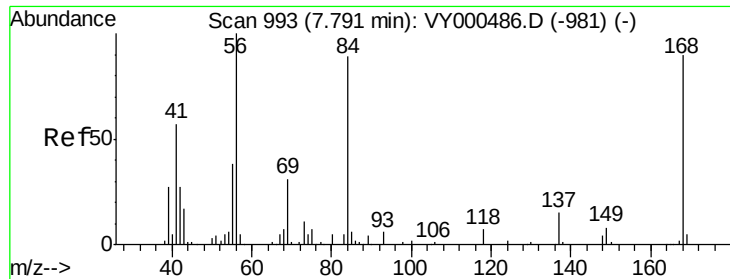
#30
Chloroform
Concen: 21.482 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion: 83 Resp: 117455
Ion Ratio Lower Upper
83 100
85 61.6 53.0 79.4



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

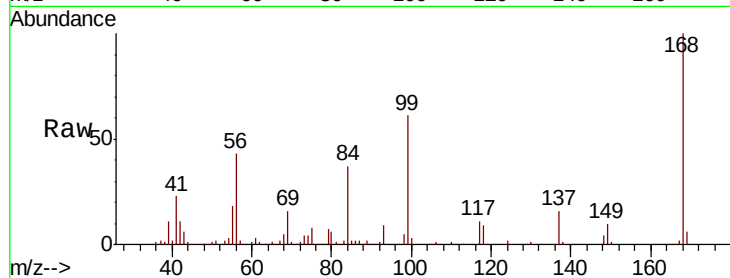




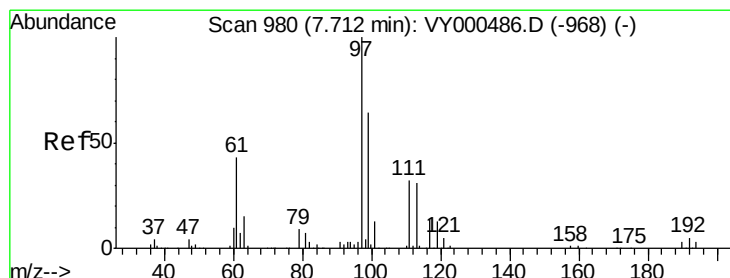
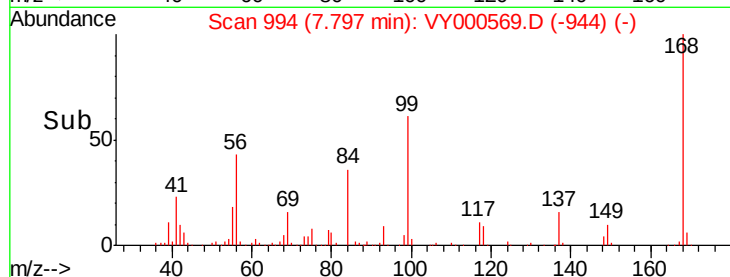
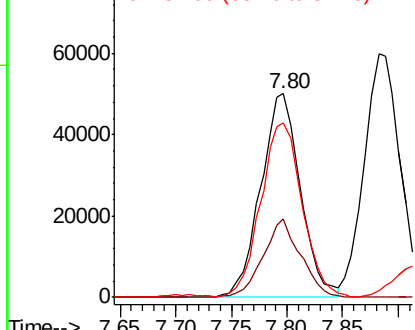
#31
Cyclohexane
Concen: 22.021 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 124658
Ion Ratio Lower Upper
56 100
69 38.4 25.0 37.6#
84 84.6 71.4 107.2

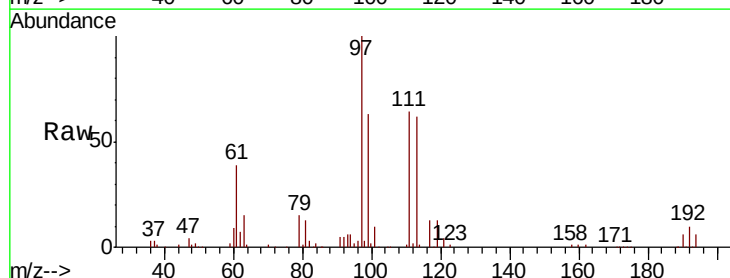


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

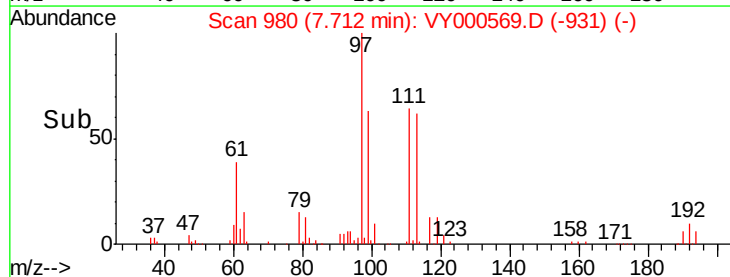
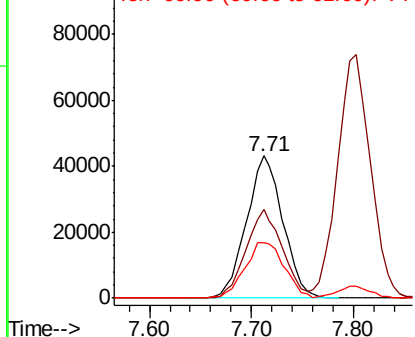


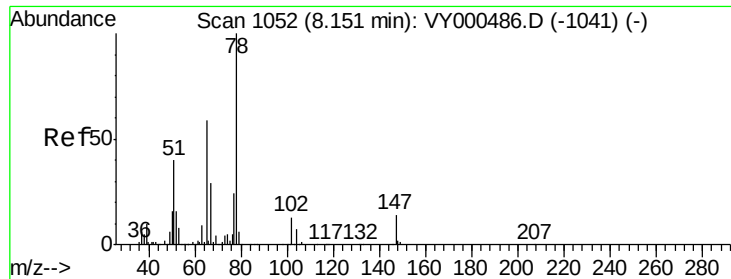
#32
1,1,1-Trichloroethane
Concen: 21.965 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion: 97 Resp: 107035
Ion Ratio Lower Upper
97 100
99 61.7 50.9 76.3
61 42.3 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

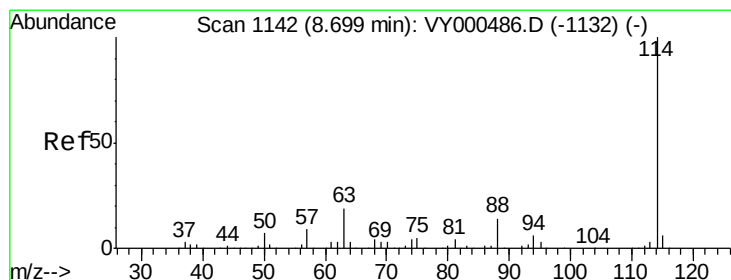
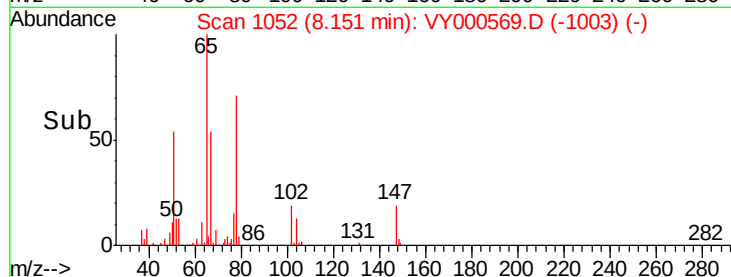
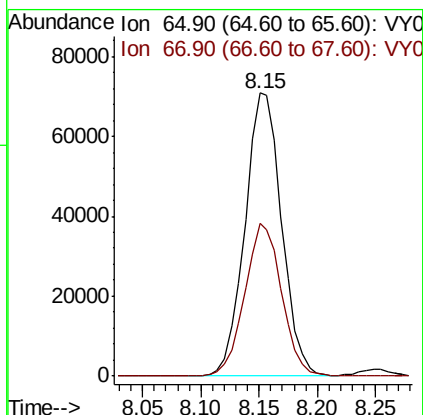
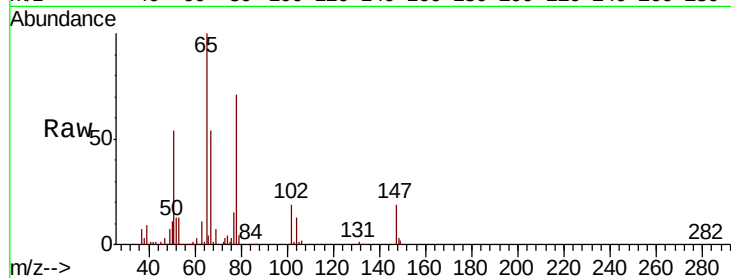




#33
 1,2-Dichloroethane-d4
 Concen: 53.262 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

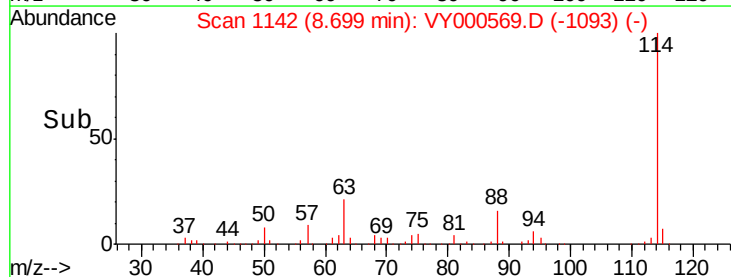
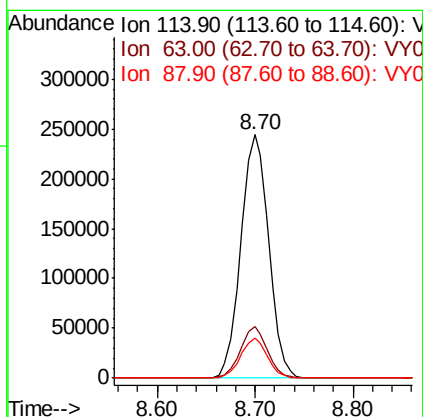
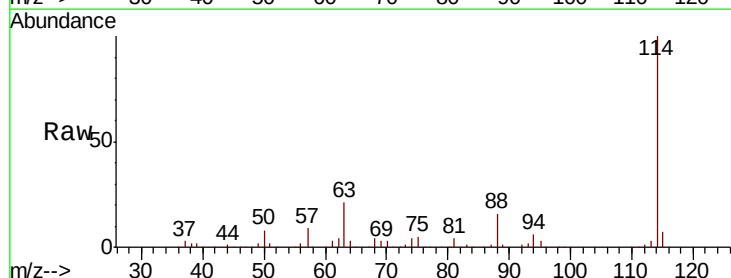
Instrument :
 MSVOA_Y
 ClientSampleId :

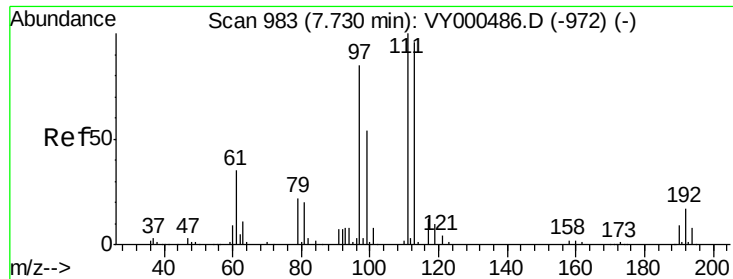
Tot Ion: 65 Resp: 155766
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion: 114 Resp: 480863
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 38.0
 88 16.4 0.0 28.6





#35

Dibromofluoromethane

Concen: 48.877 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

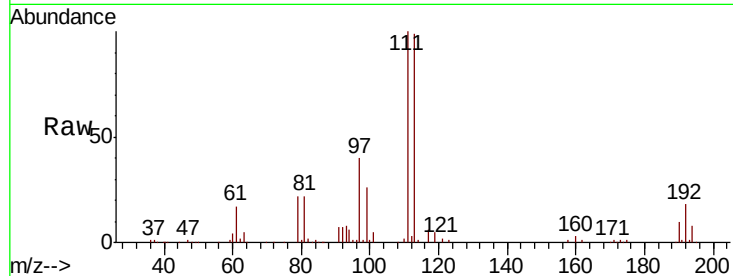
Tot Ion:113 Resp: 137979

Ion Ratio Lower Upper

113 100

111 102.9 81.7 122.5

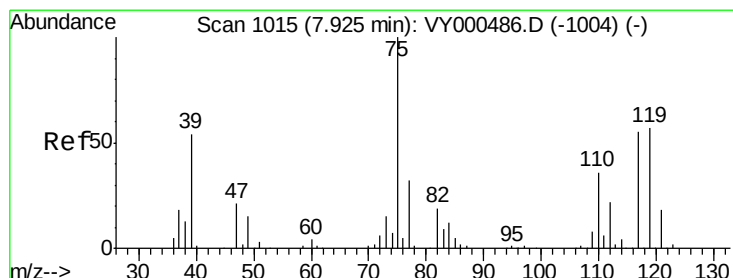
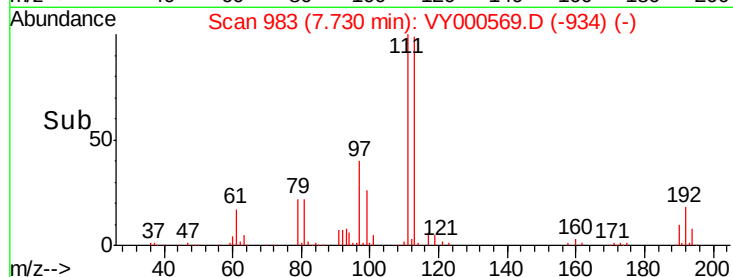
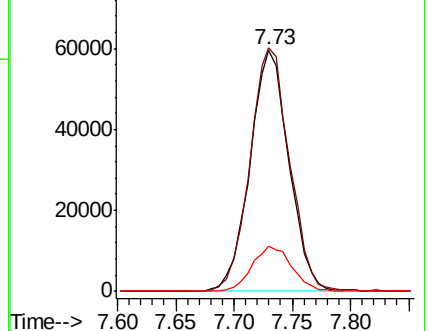
192 18.9 15.0 22.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.666 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

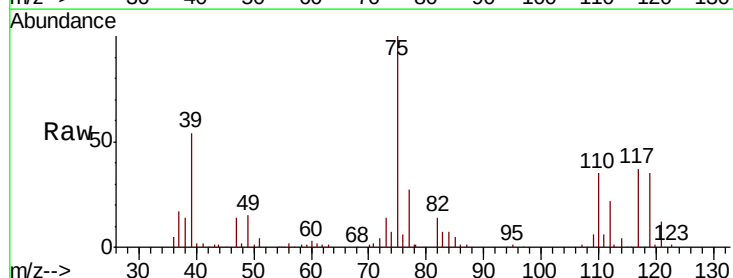
Tgt Ion: 75 Resp: 98489

Ion Ratio Lower Upper

75 100

110 35.8 18.1 54.1

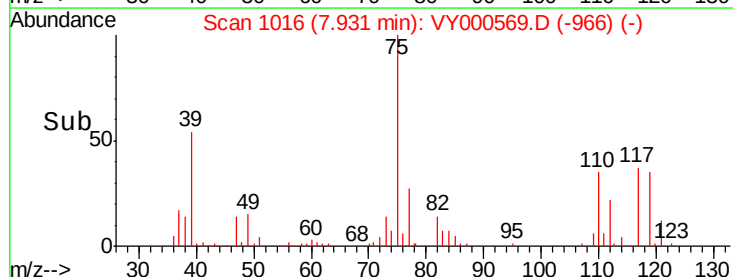
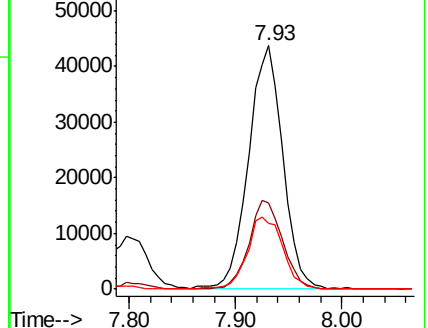
77 30.9 25.0 37.6

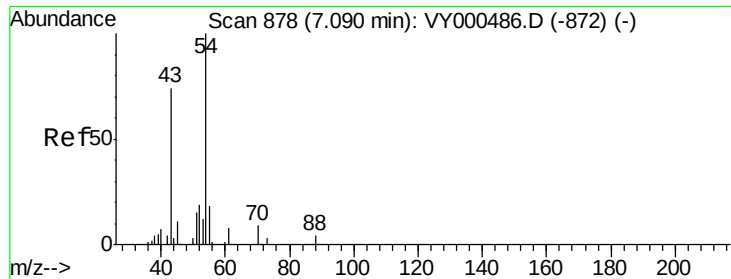


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

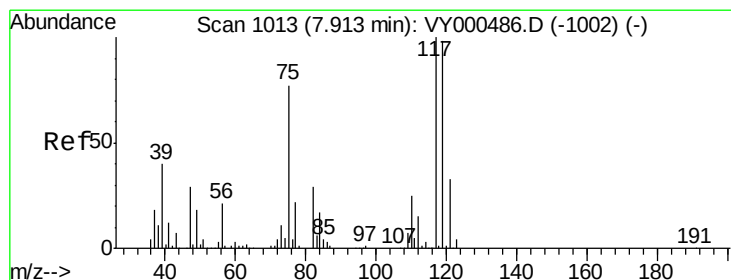
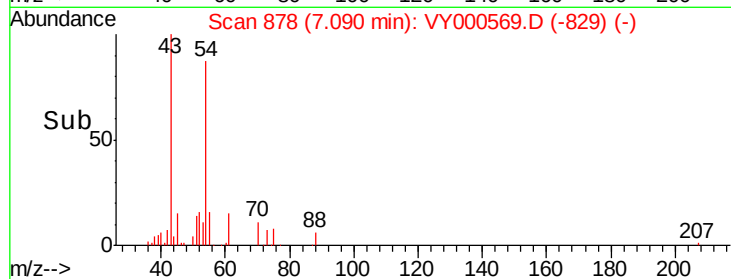
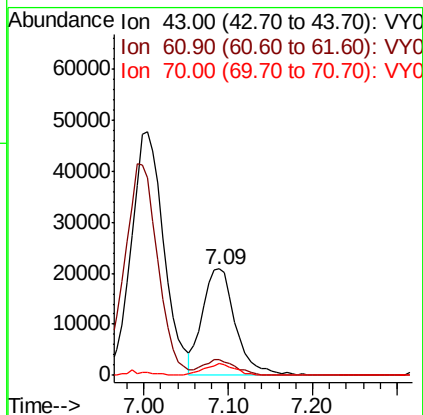
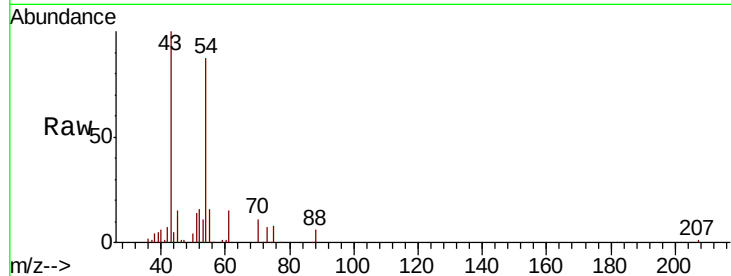




#37
Ethyl Acetate
Concen: 20.998 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

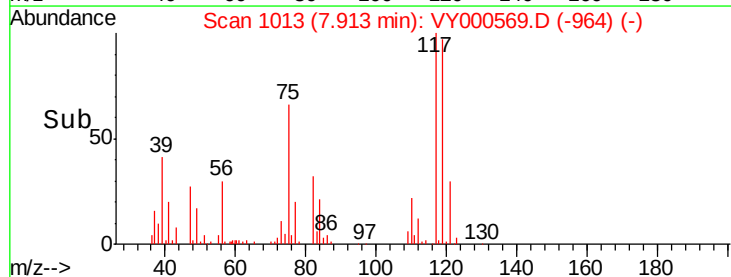
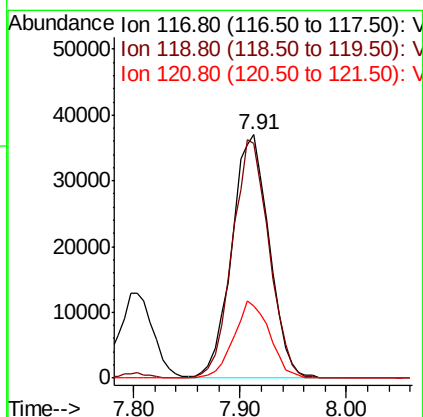
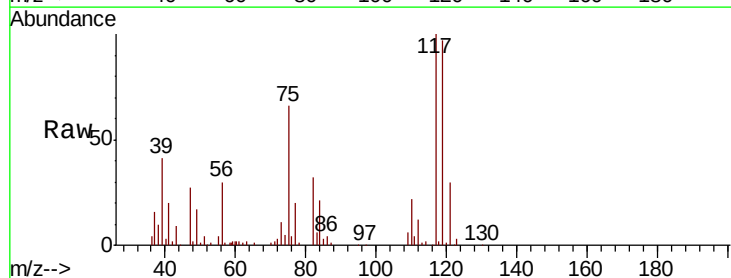
Instrument :
MSVOA_Y
ClientSampled :

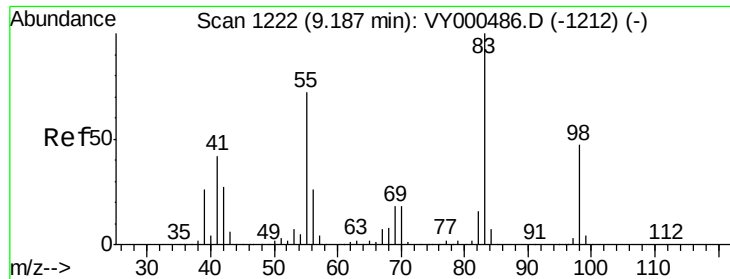
Tot Ion: 43 Resp: 56671
Ion Ratio Lower Upper
43 100
61 14.4 10.2 15.2
70 10.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.958 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion: 117 Resp: 91674
Ion Ratio Lower Upper
117 100
119 96.4 78.0 117.0
121 29.5 26.6 40.0

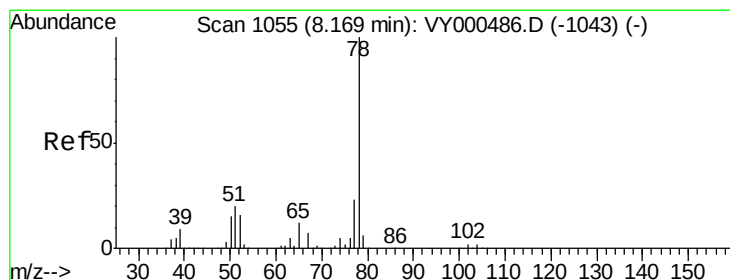
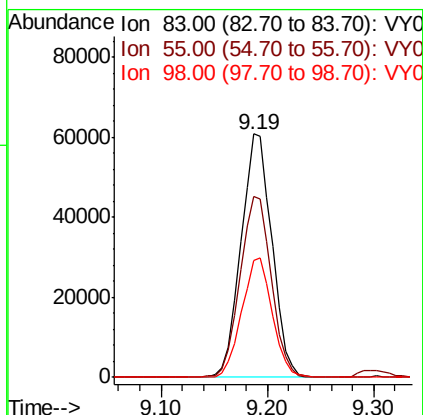
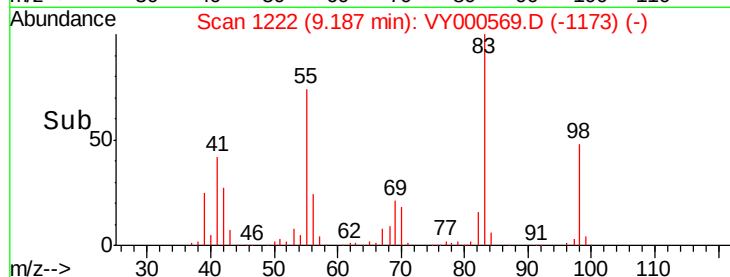
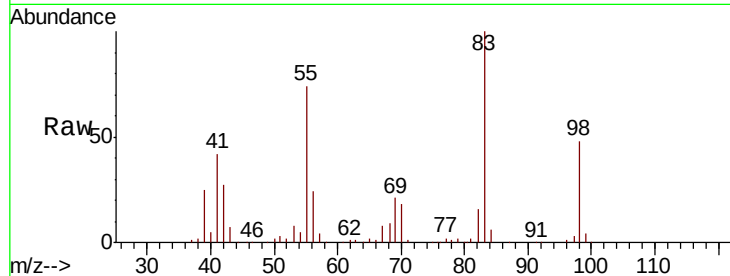




#39
Methylvlcyclohexane
Concen: 21.106 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

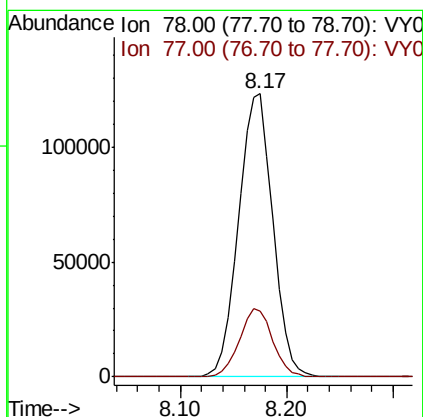
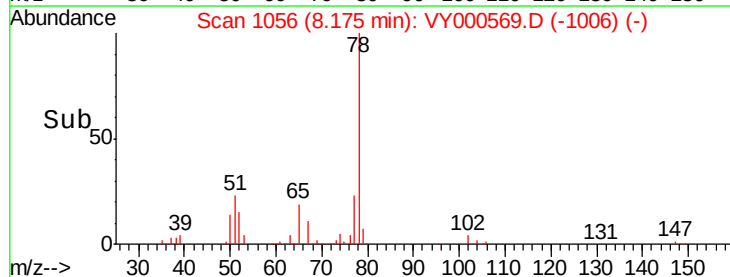
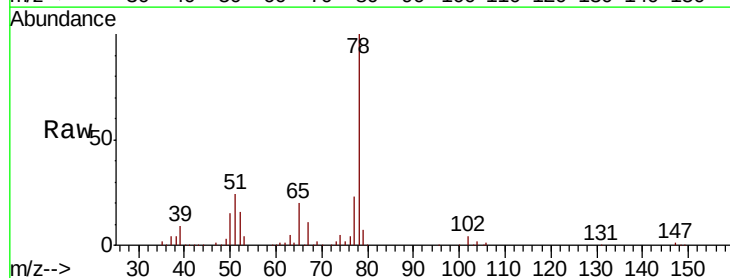
Instrument :
MSVOA_Y
ClientSampleId :

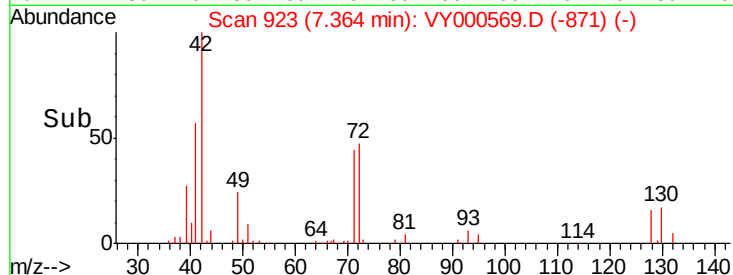
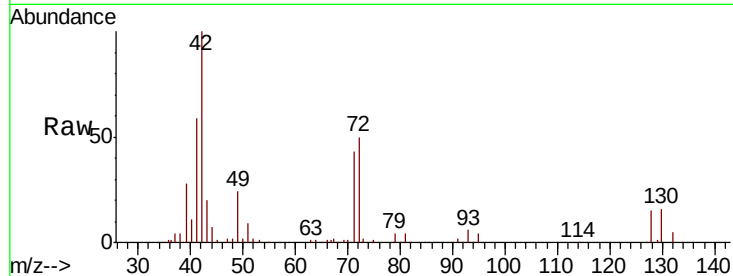
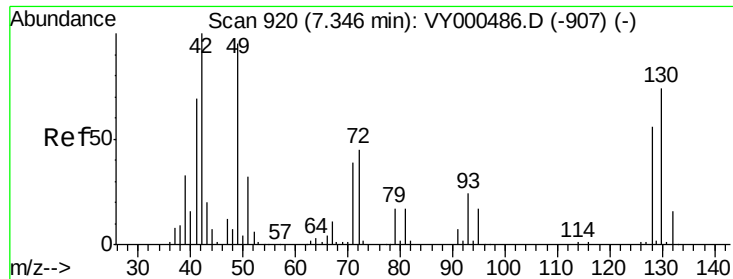
Tot Ion	83.00	Resp	123954
Ion	Ratio	Lower	Upper
83	100		
55	74.2	57.5	86.3
98	48.1	38.0	57.0



#40
Benzene
Concen: 20.883 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

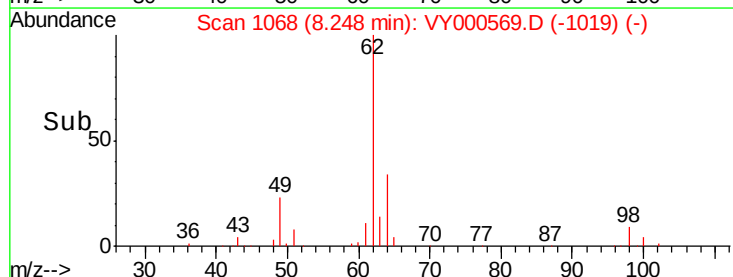
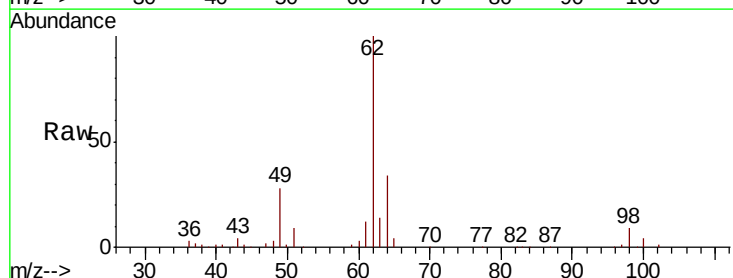
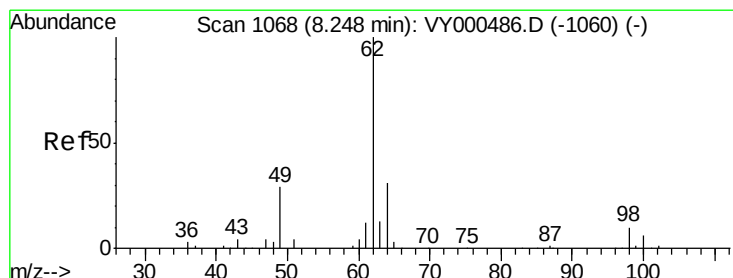
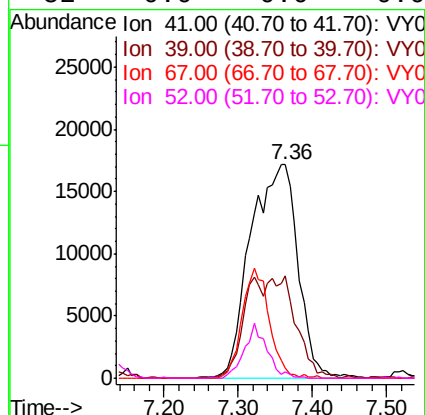
Tgt Ion	78	Resp	278315
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0





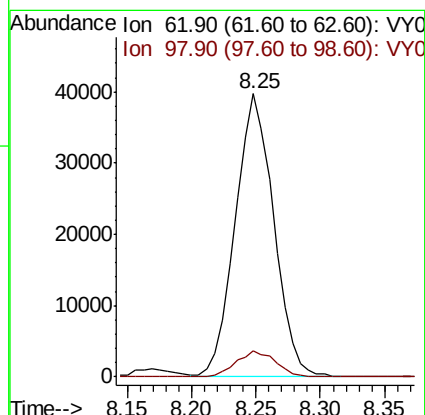
#41
Methacrylonitrile
Concen: 50.446 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

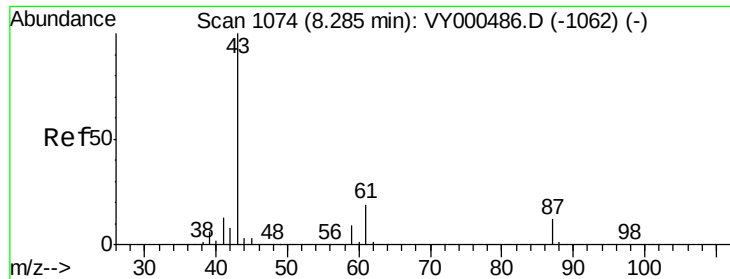
Tot Ion: 41 Resp: 75951
Ion Ratio Lower Upper
41 100
39 0.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.839 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion: 62 Resp: 82552
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2





#43

Isopropyl Acetate

Concen: 21.311 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :

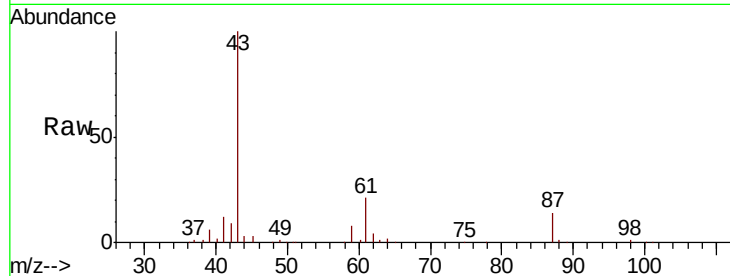
Tot Ion: 43 Resp: 108045

Ion Ratio Lower Upper

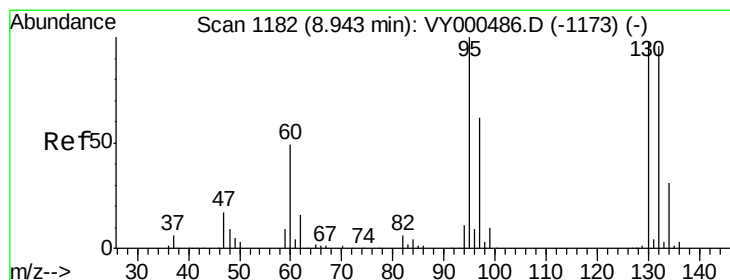
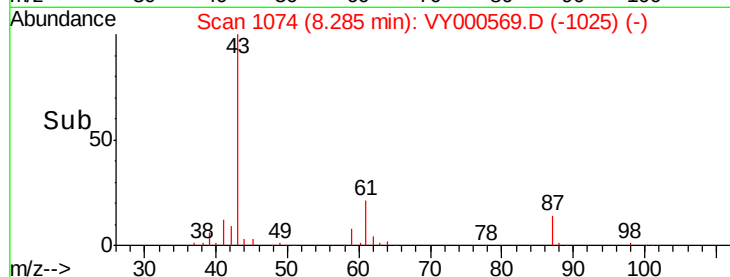
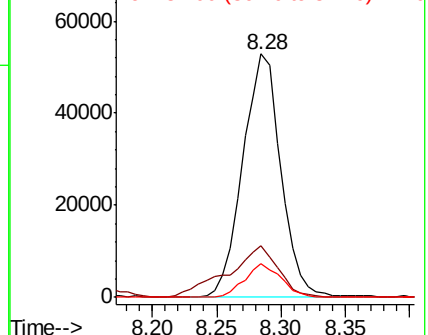
43 100

61 28.0 23.0 34.4

87 13.2 10.5 15.7



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



#44

Trichloroethene

Concen: 20.952 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000569.D

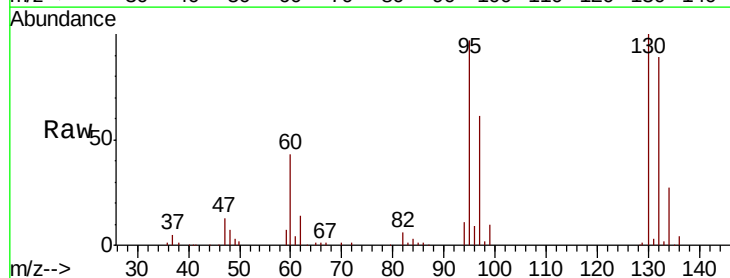
Acq: 07 Nov 2019 11:01

Tgt Ion:130 Resp: 73624

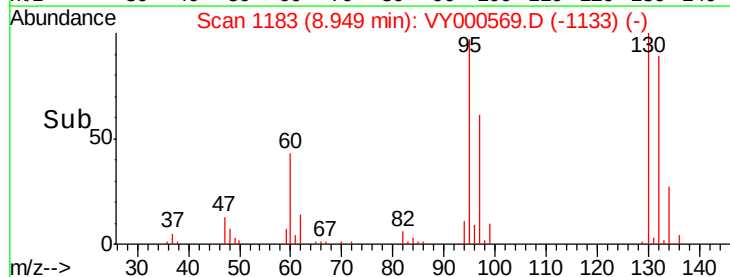
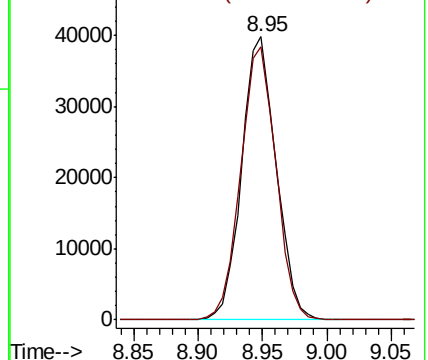
Ion Ratio Lower Upper

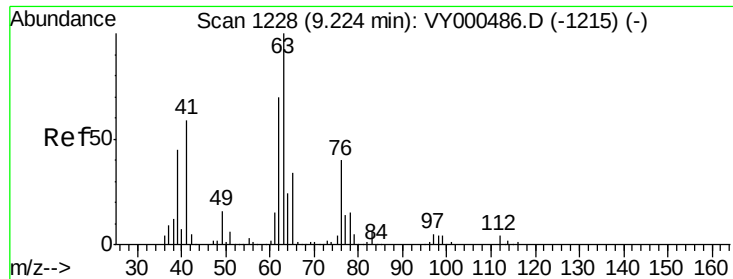
130 100

95 96.5 0.0 203.2



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

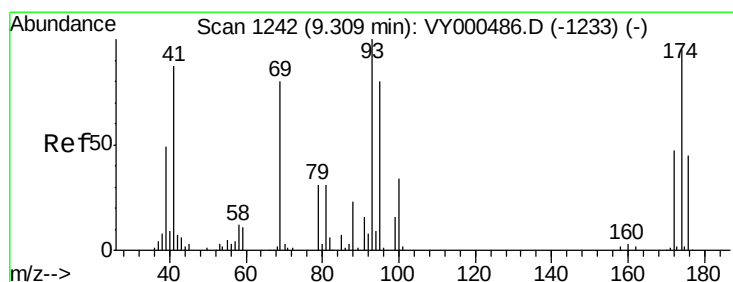
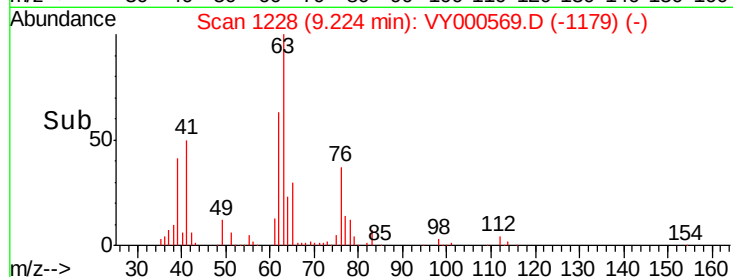
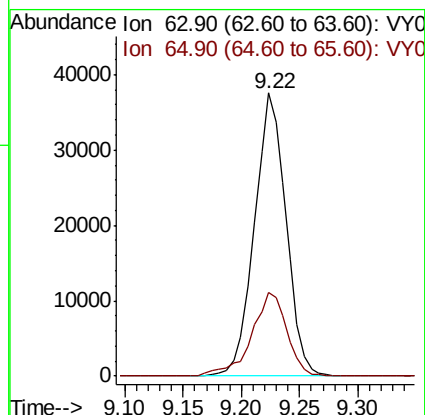
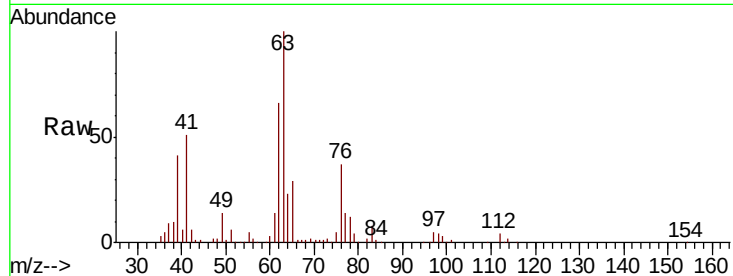




#45
 1,2-Dichloropropane
 Concen: 21.701 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

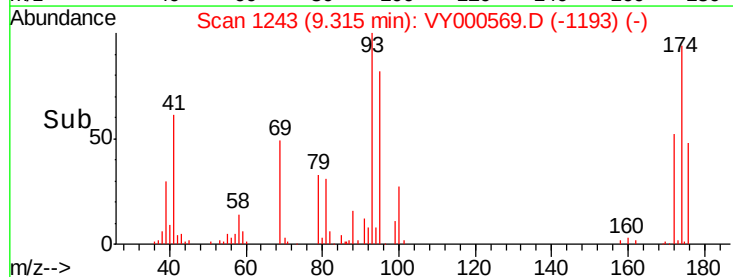
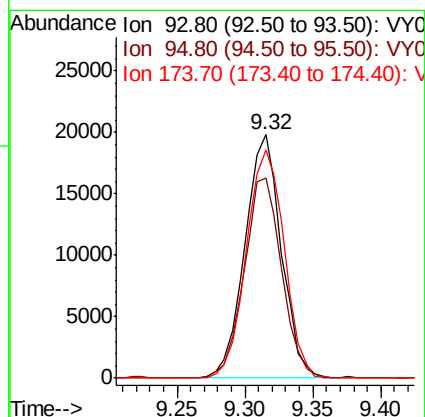
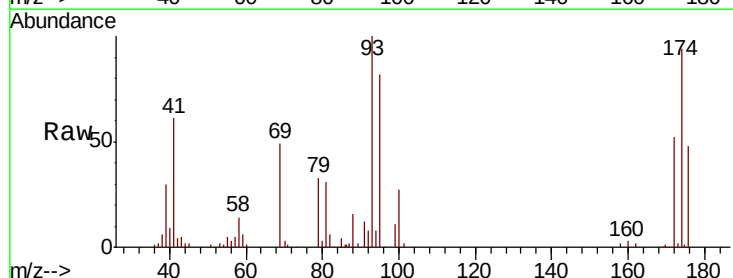
Instrument :
 MSVOA_Y
 ClientSampleId :

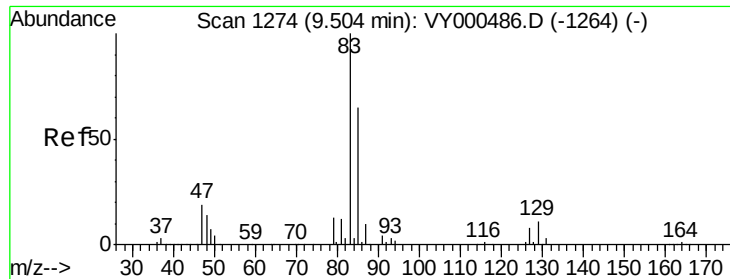
Tot Ion: 63 Resp: 71182
 Ion Ratio Lower Upper
 63 100
 65 29.5 27.0 40.4



#46
 Dibromomethane
 Concen: 20.606 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion: 93 Resp: 37172
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.4 99.6
 174 97.5 77.1 115.7





#47

Bromodichloromethane

Concen: 21.071 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :

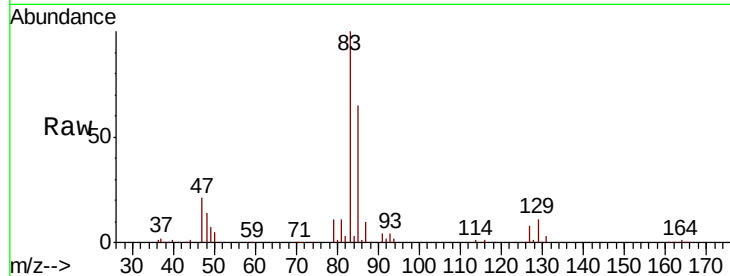
Tot Ion: 83 Resp: 90192

Ion Ratio Lower Upper

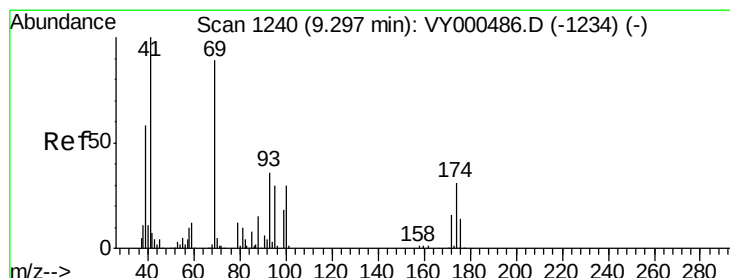
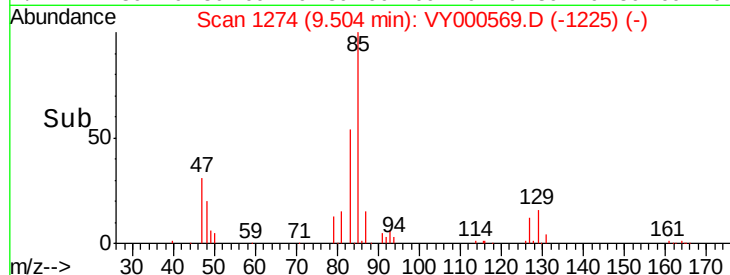
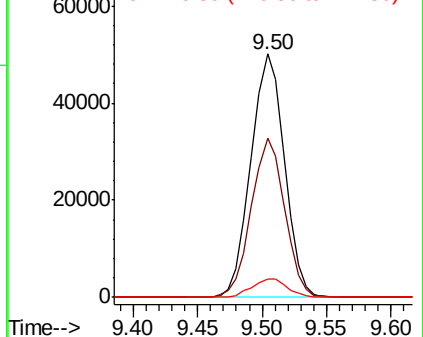
83 100

85 65.2 51.8 77.8

127 7.7 6.7 10.1



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



#48

Methyl methacrylate

Concen: 21.392 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

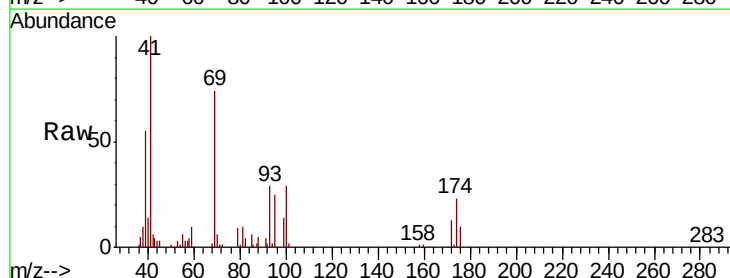
Tgt Ion: 41 Resp: 47386

Ion Ratio Lower Upper

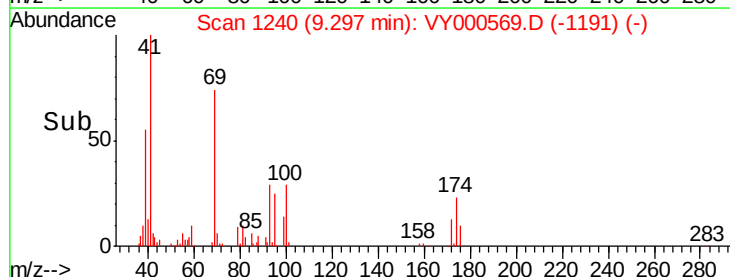
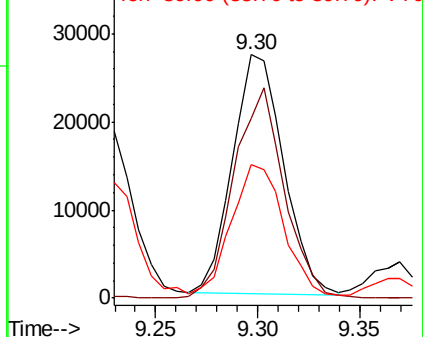
41 100

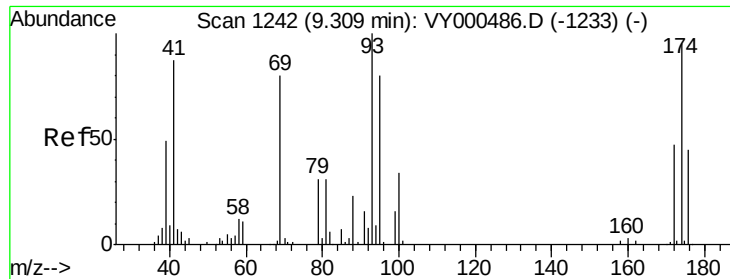
69 86.5 72.5 108.7

39 57.8 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

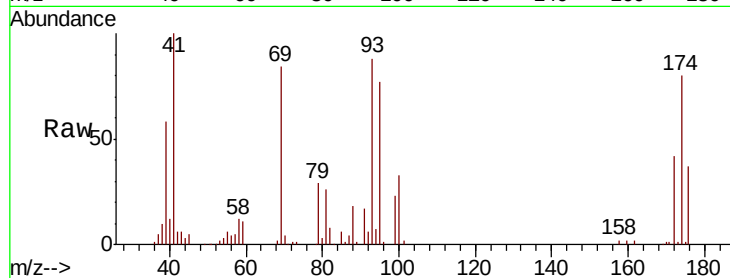




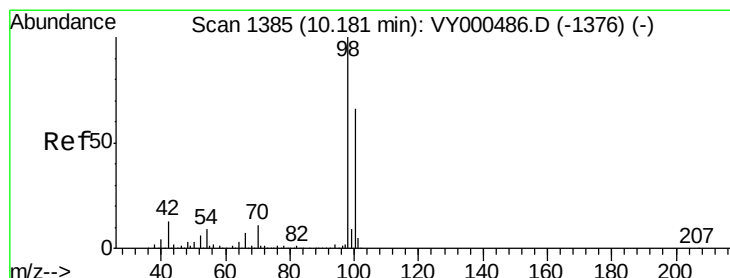
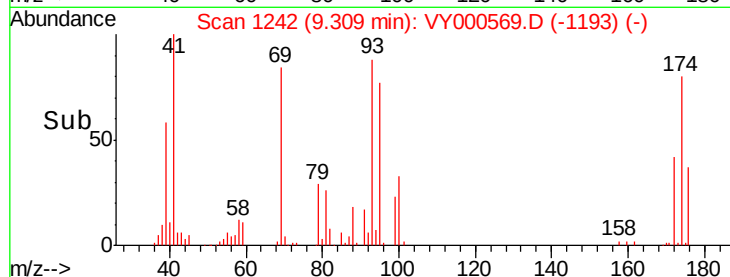
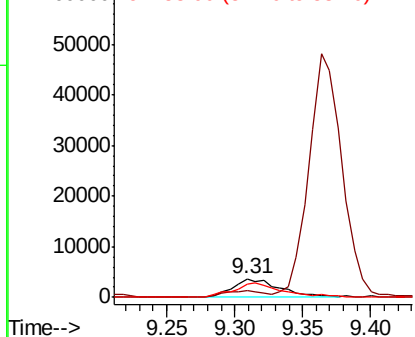
#49
 1,4-Dioxane
 Concen: 362.505 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 88 Resp: 8801
 Ion Ratio Lower Upper
 88 100
 43 27.5 25.1 37.7
 58 84.9 50.6 75.8#

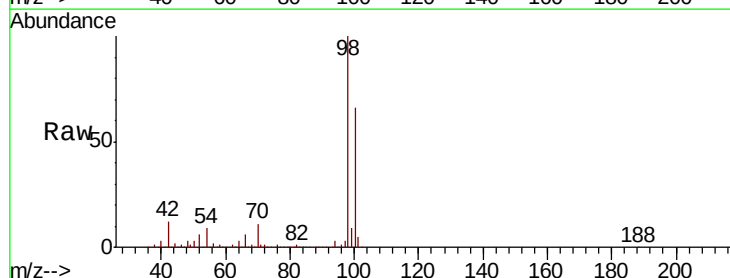


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

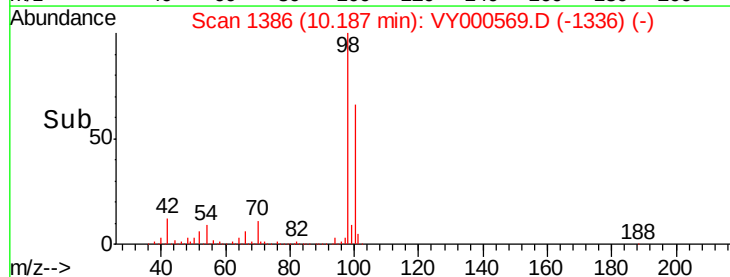
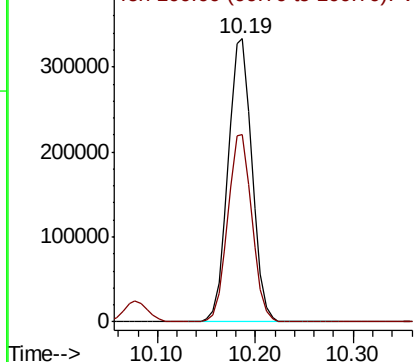


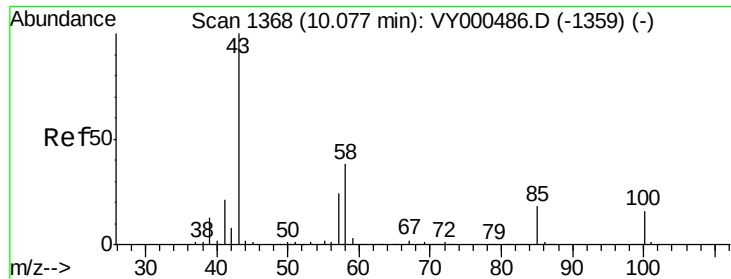
#50
 Toluene-d8
 Concen: 52.712 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion: 98 Resp: 564636
 Ion Ratio Lower Upper
 98 100
 100 66.7 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: 105.651 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

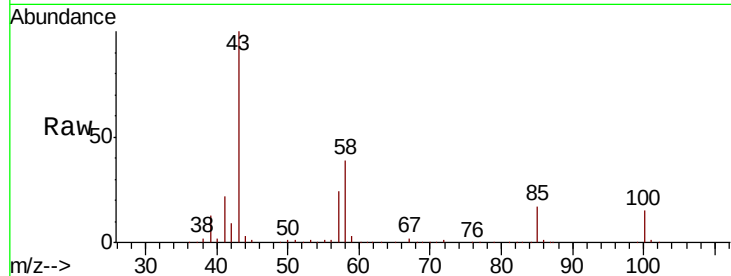
ClientSampleId :

Tot Ion: 43 Resp: 284785

Ion Ratio Lower Upper

43 100

58 38.2 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-1359) (-)

10.08

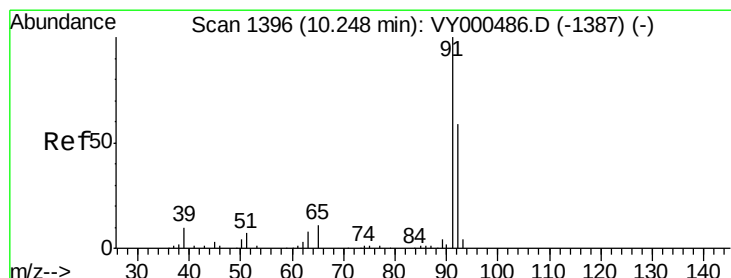
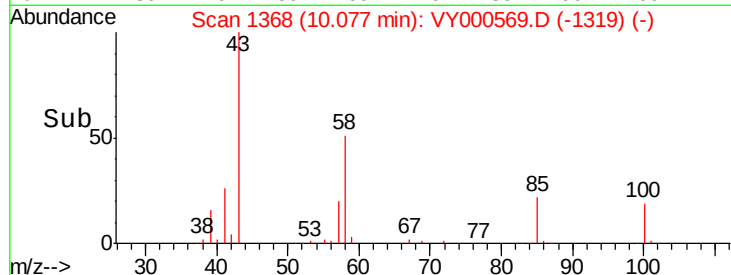
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.106 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000569.D

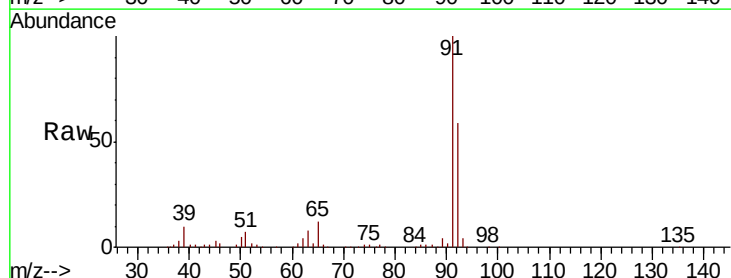
Acq: 07 Nov 2019 11:01

Tgt Ion: 92 Resp: 177837

Ion Ratio Lower Upper

92 100

91 171.5 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY000486.D (-1387) (-)

Ion 91.00 (90.70 to 91.70): VY000486.D (-1387) (-)

10.25

200000

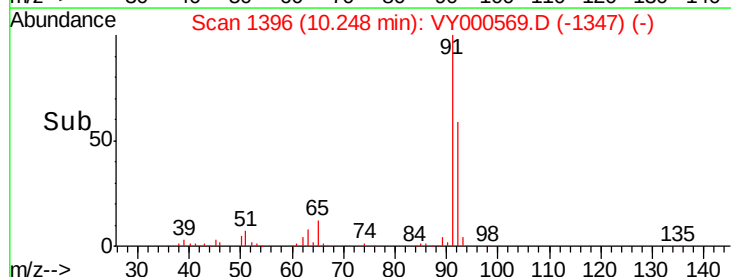
150000

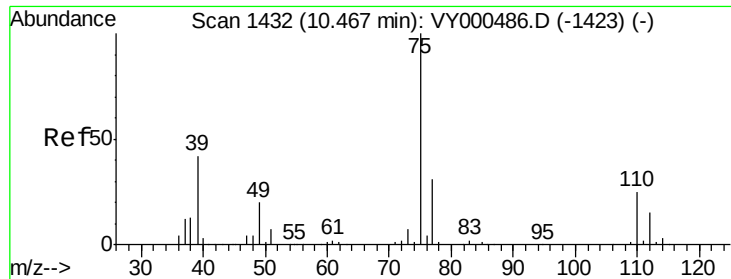
100000

50000

0

Time-->

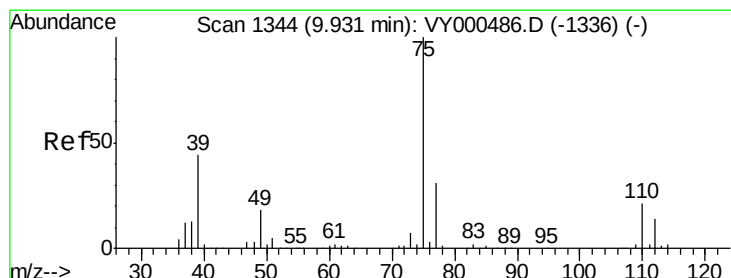
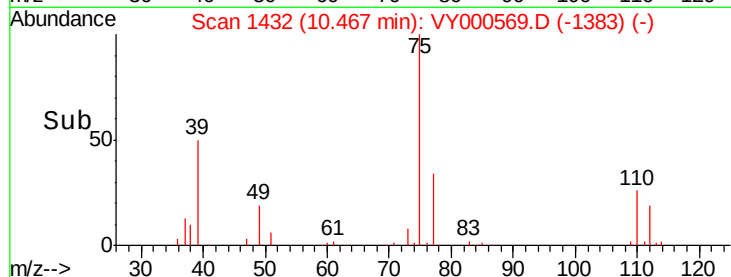
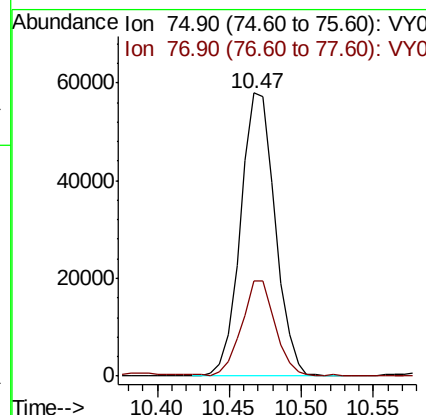
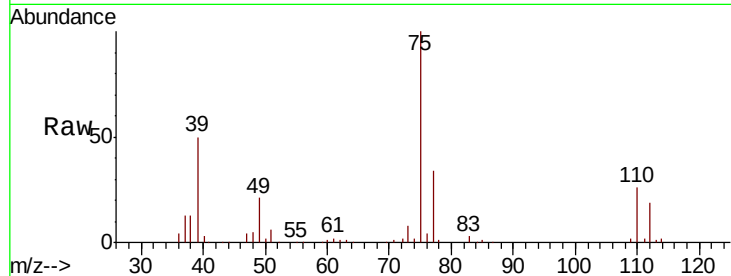




#53
 t-1,3-Dichloropropene
 Concen: 21.086 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

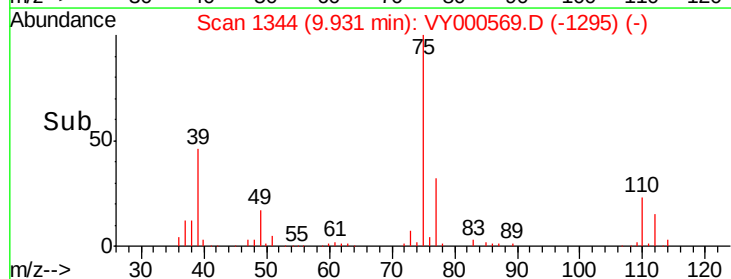
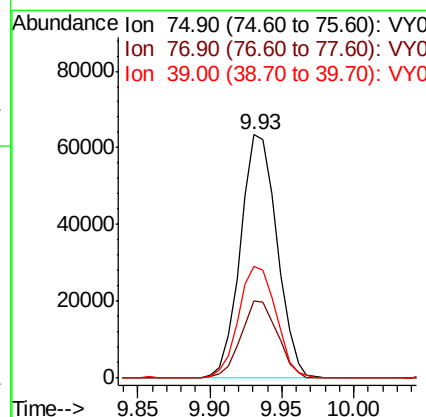
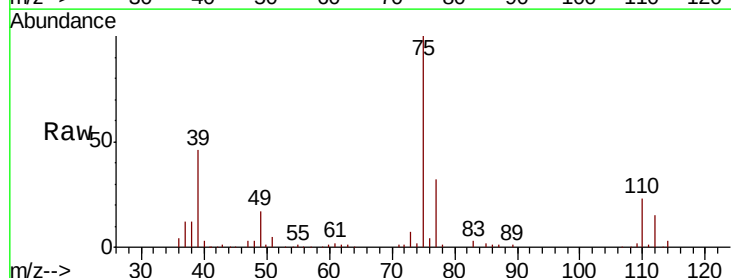
Instrument :
 MSVOA_Y
 ClientSampleId :

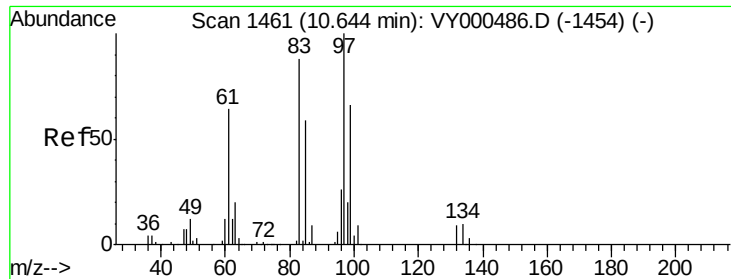
Tot Ion: 75 Resp: 96437
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.380 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion: 75 Resp: 112021
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.5 36.7
 39 46.1 35.4 53.2

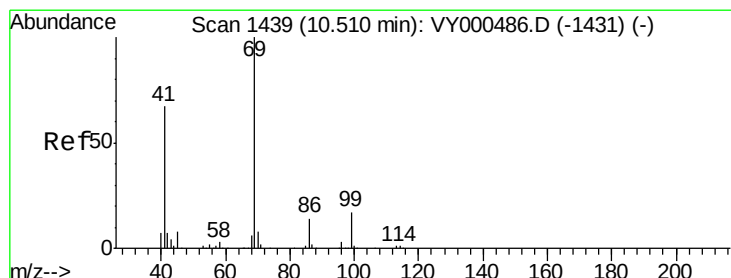
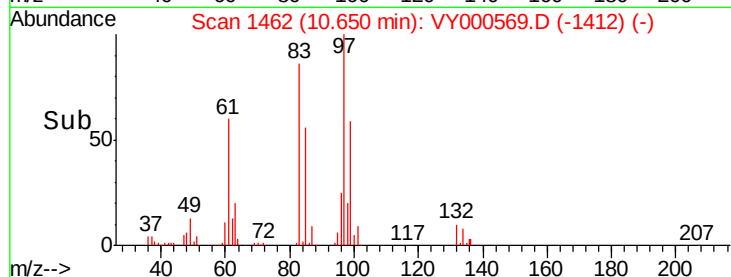
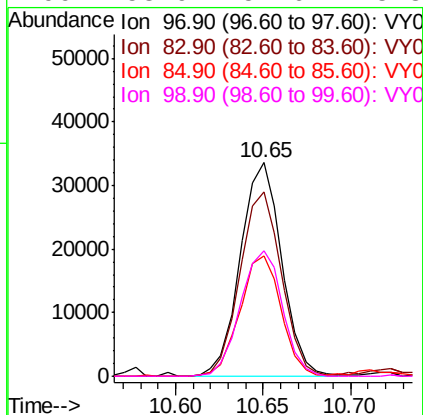
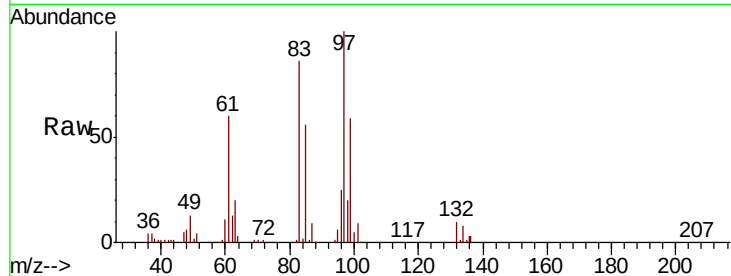




#55
 1,1,2-Trichloroethane
 Concen: 21.167 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

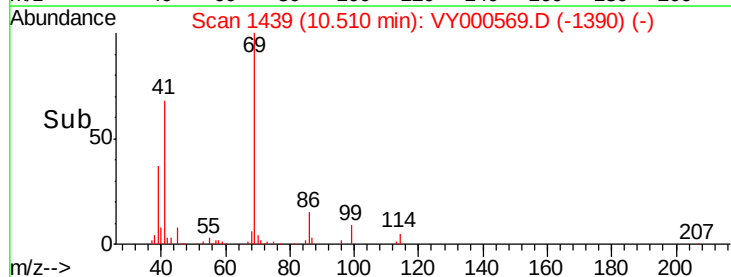
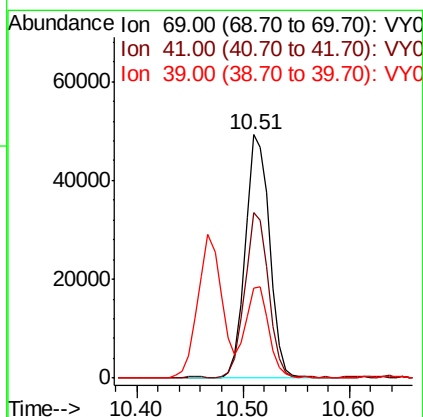
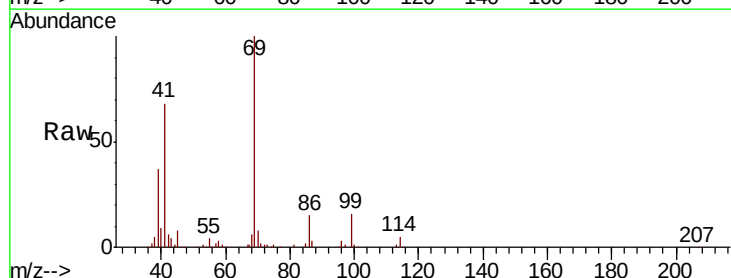
Instrument :
 MSVOA_Y
 ClientSampled :

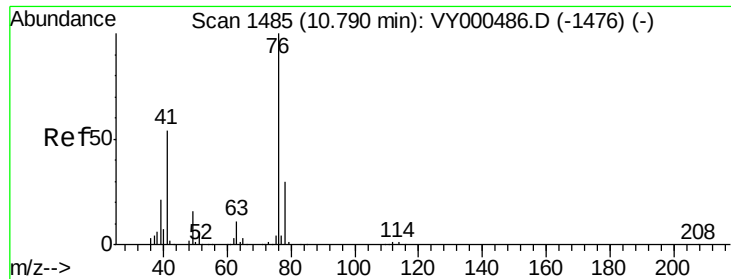
Tot Ion: 97 Resp: 55229
 Ion Ratio Lower Upper
 97 100
 83 86.4 70.2 105.4
 85 56.6 46.9 70.3
 99 58.9 52.6 78.8



#56
 Ethyl methacrylate
 Concen: 21.318 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion: 69 Resp: 78835
 Ion Ratio Lower Upper
 69 100
 41 67.5 53.3 79.9
 39 35.7 28.0 42.0

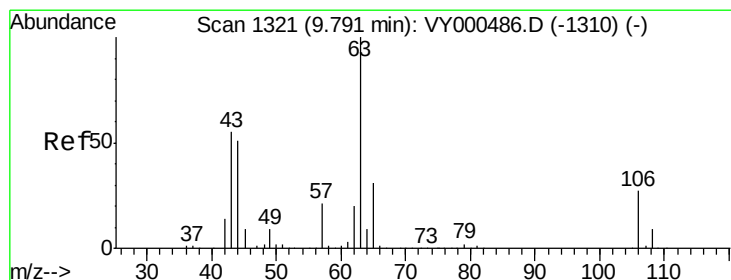
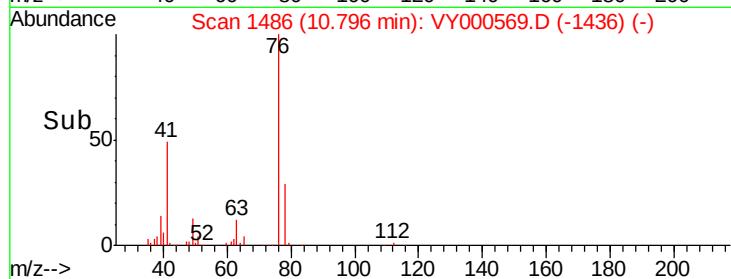
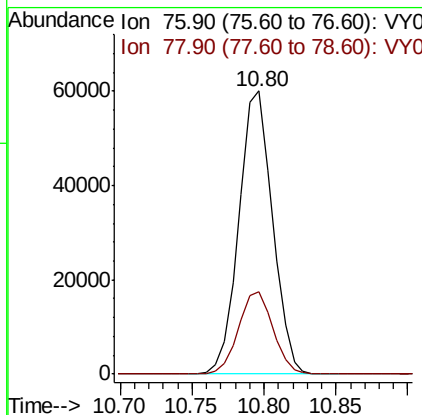
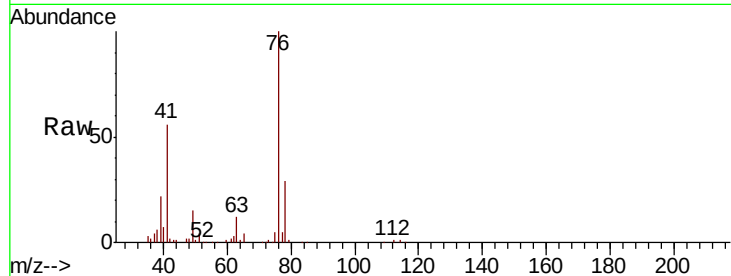




#57
 1,3-Dichloropropane
 Concen: 21.293 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

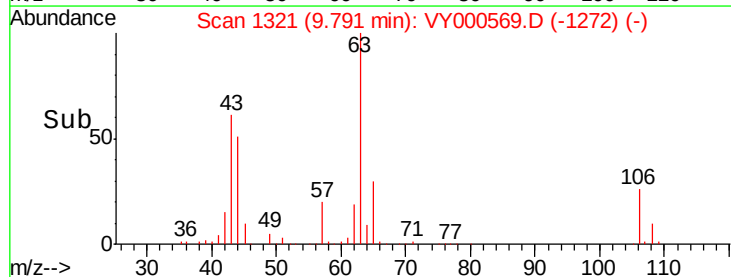
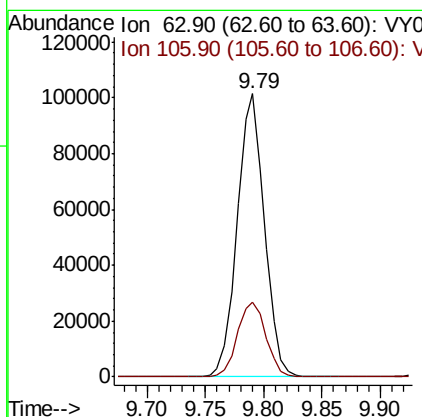
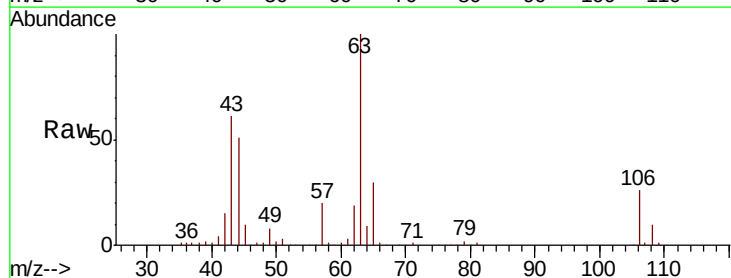
Instrument :
 MSVOA_Y
 ClientSampleId :

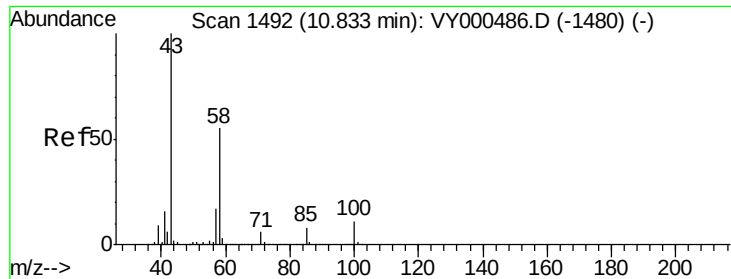
Tot Ion: 76 Resp: 97239
 Ion Ratio Lower Upper
 76 100
 78 30.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.481 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion: 63 Resp: 164646
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.6 33.8

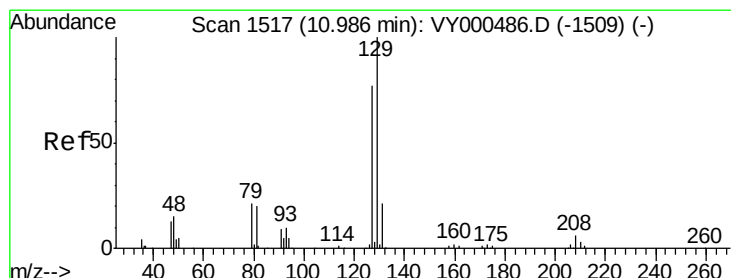
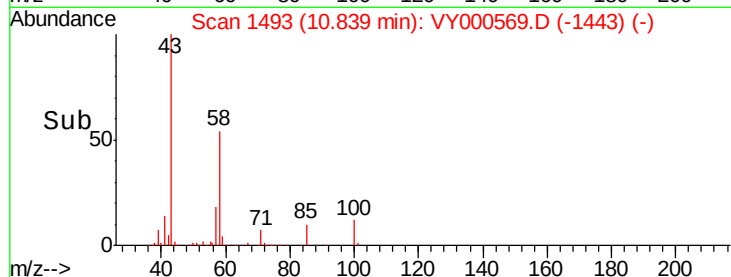
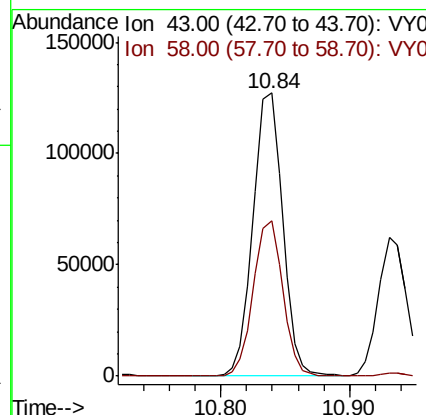
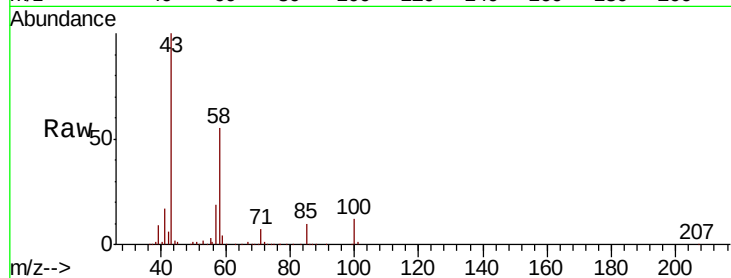




#59
2-Hexanone
Concen: 103.237 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

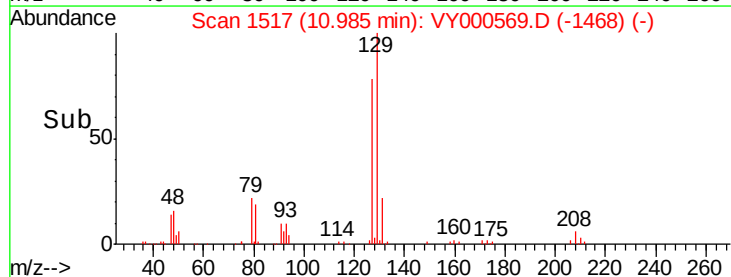
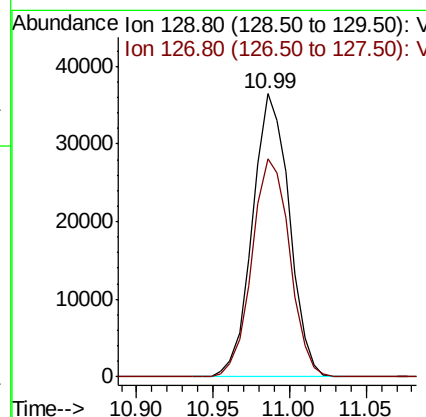
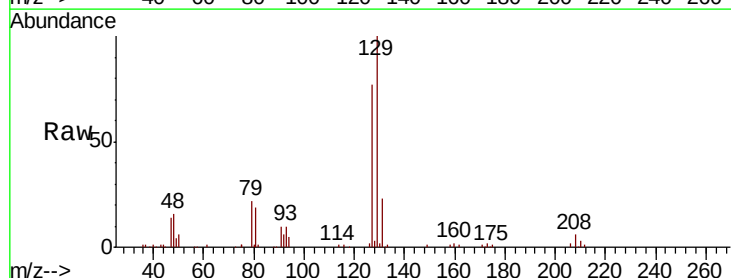
Instrument :
MSVOA_Y
ClientSampleId :

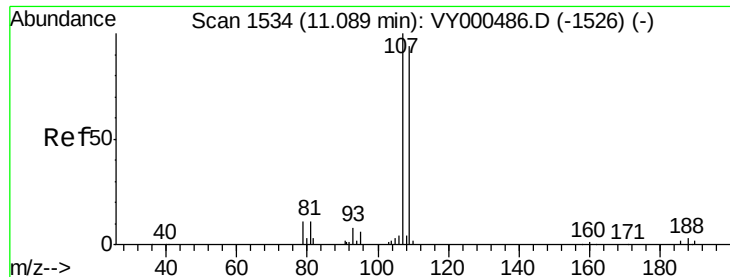
Tot Ion: 43 Resp: 202751
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.3



#60
Dibromochloromethane
Concen: 20.488 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion: 129 Resp: 61232
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.2

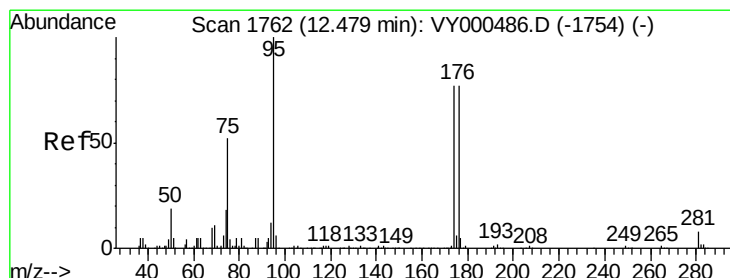
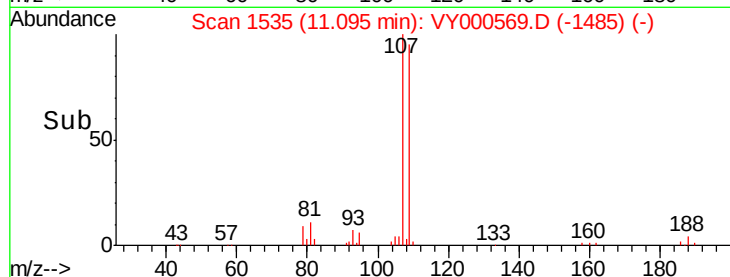
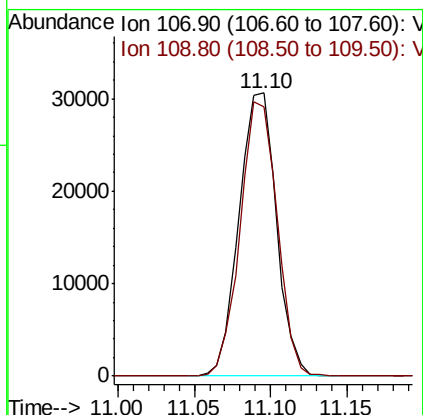
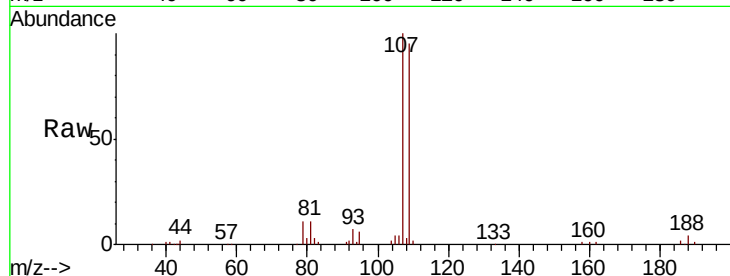




#61
 1,2-Dibromoethane
 Concen: 20.743 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

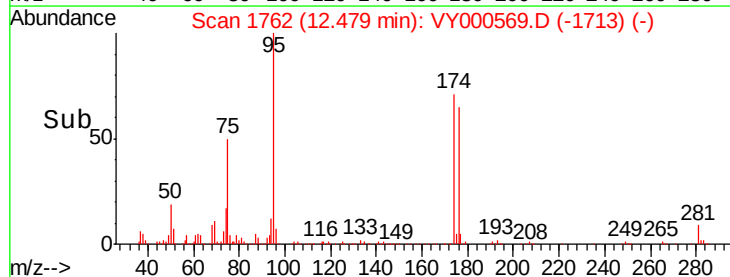
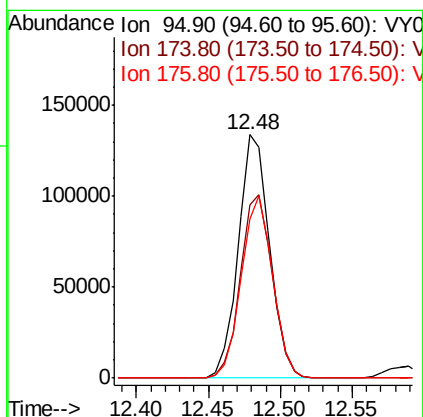
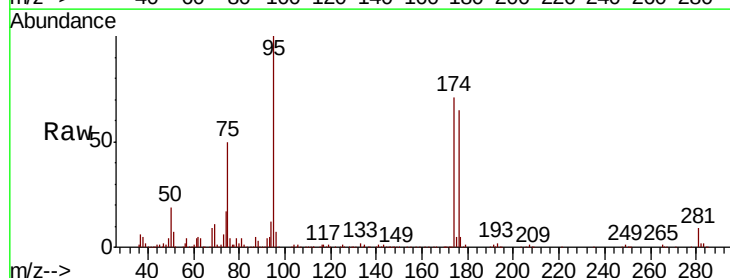
Instrument :
 MSVOA_Y
 ClientSampleId :

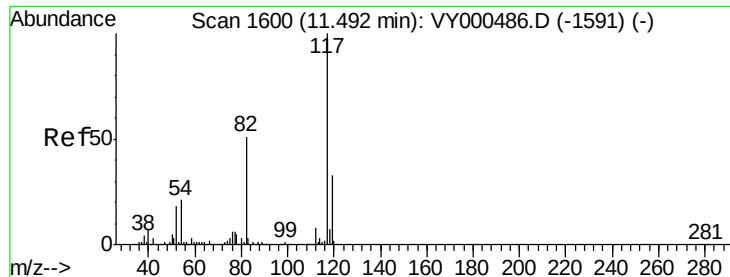
Tot Ion: 107 Resp: 52038
 Ion Ratio Lower Upper
 107 100
 109 96.2 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 49.370 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion: 95 Resp: 201324
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 161.6
 176 74.6 0.0 157.8

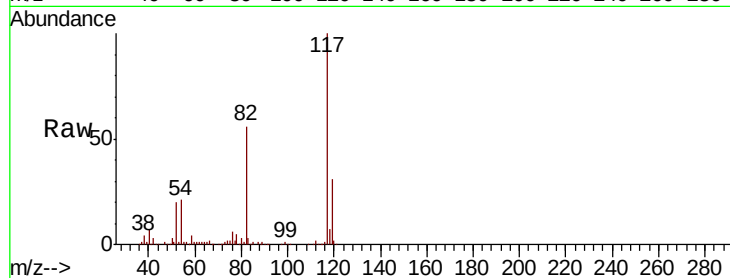




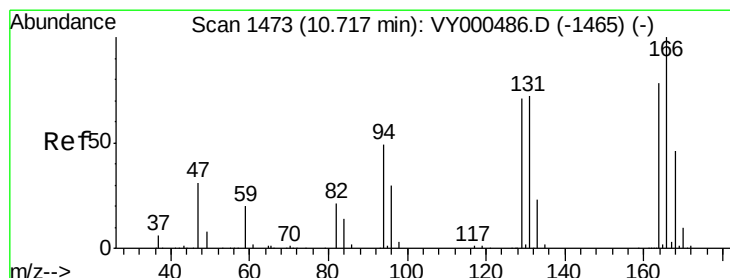
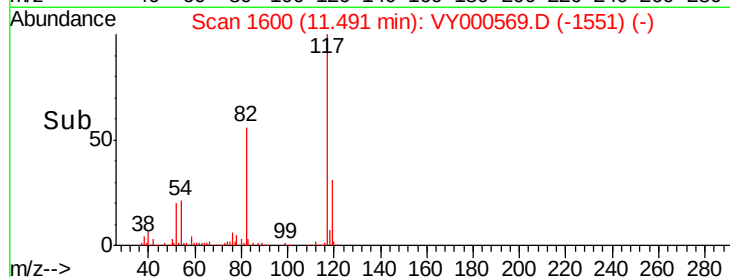
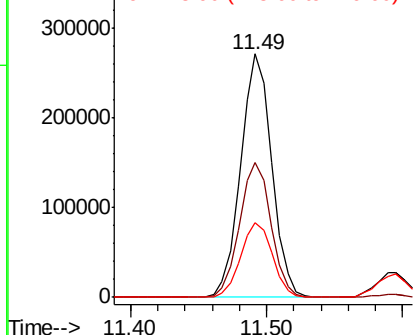
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 431293
Ion Ratio Lower Upper
117 100
82 55.5 40.8 61.2
119 30.6 26.2 39.2

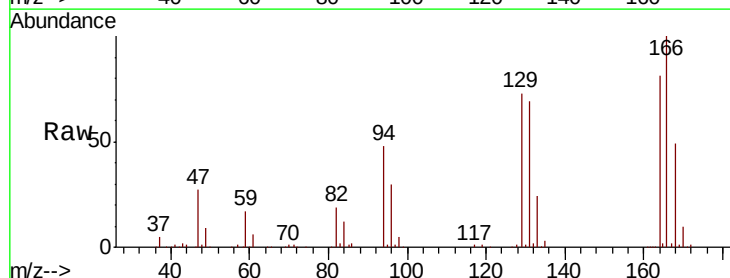


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

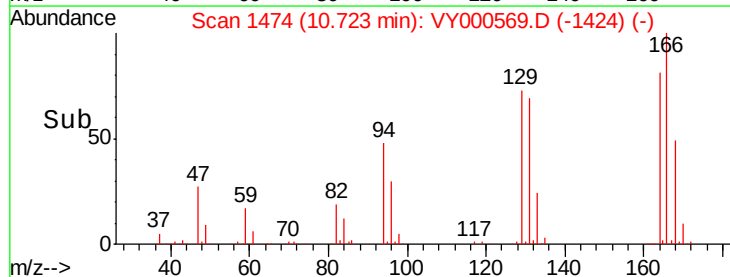
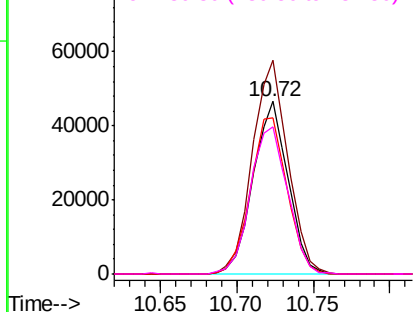


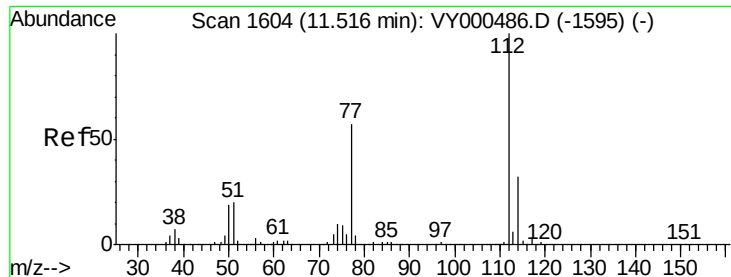
#64
Tetrachloroethene
Concen: 20.731 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion:164 Resp: 73931
Ion Ratio Lower Upper
164 100
166 123.6 102.7 154.1
129 90.1 73.2 109.8
131 85.2 74.2 111.2



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

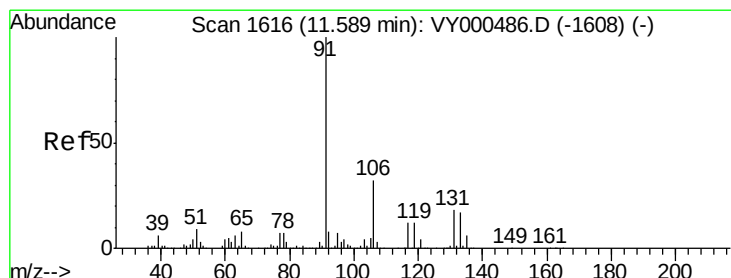
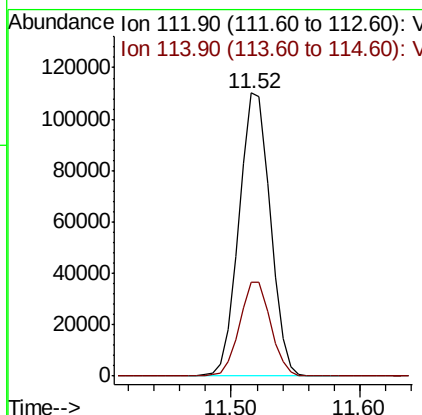
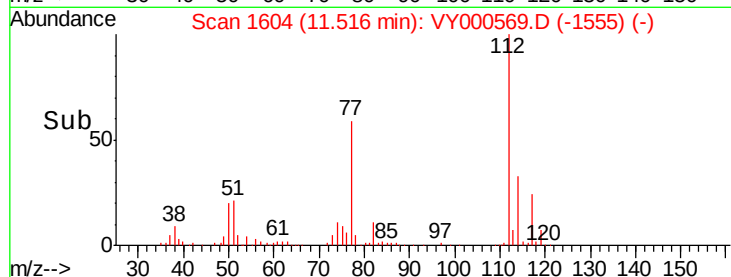
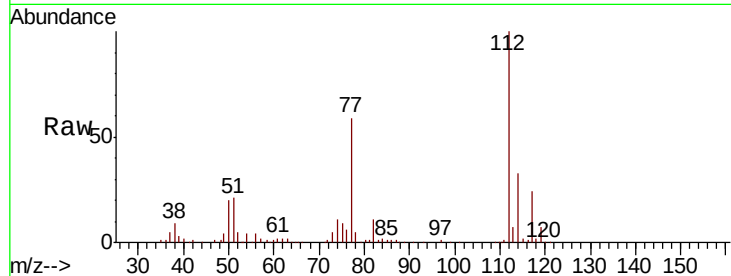




#65
Chlorobenzene
Concen: 21.132 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

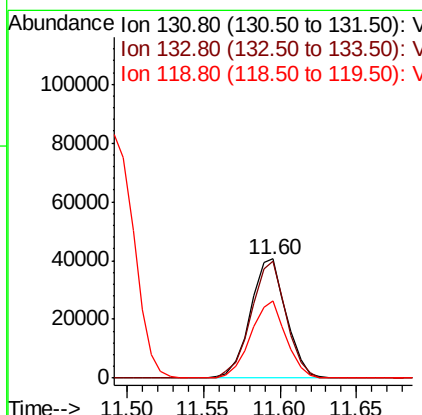
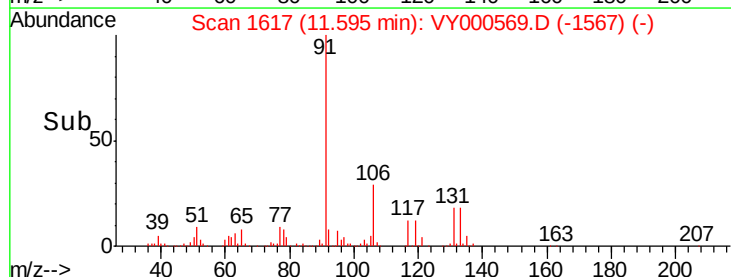
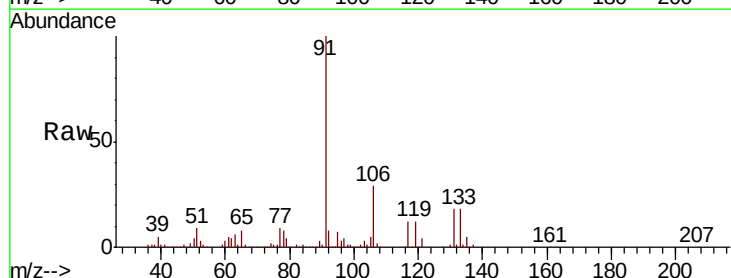
Instrument :
MSVOA_Y
ClientSampled :

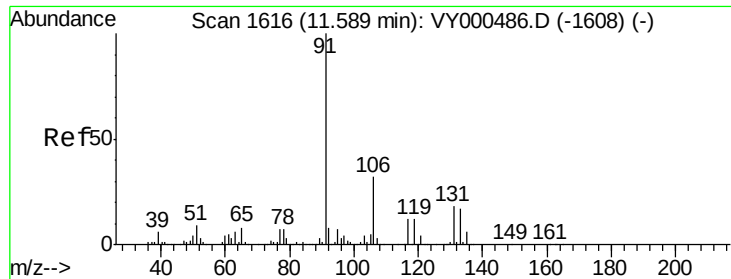
Tot Ion:112 Resp: 184787
Ion Ratio Lower Upper
112 100
114 33.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.752 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion:131 Resp: 65967
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.8
119 63.7 33.1 99.3





#67

Ethyl Benzene

Concen: 21.637 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

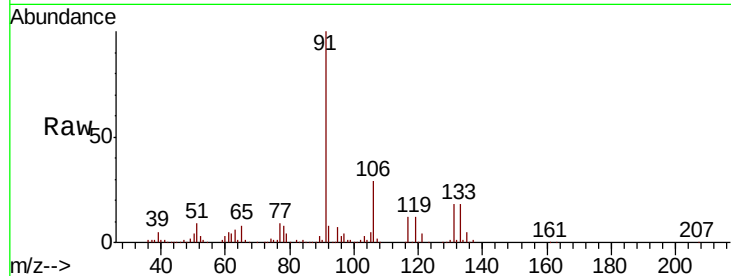
ClientSampleId :

Tot Ion: 91 Resp: 348208

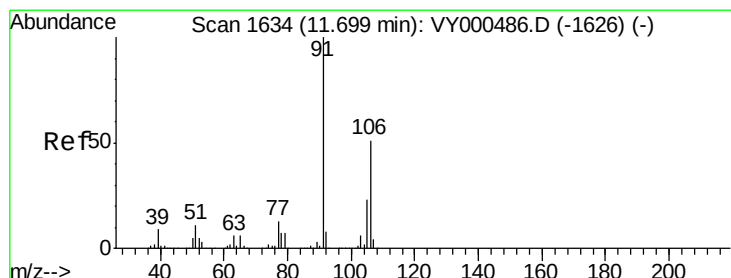
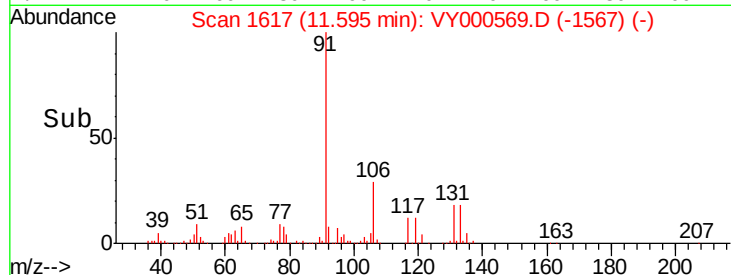
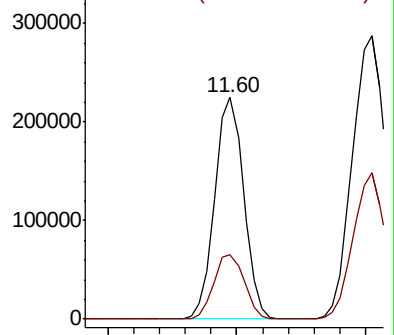
Ion Ratio Lower Upper

91 100

106 29.3 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1608) (-)



#68

m/p-Xylenes

Concen: 41.942 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY000569.D

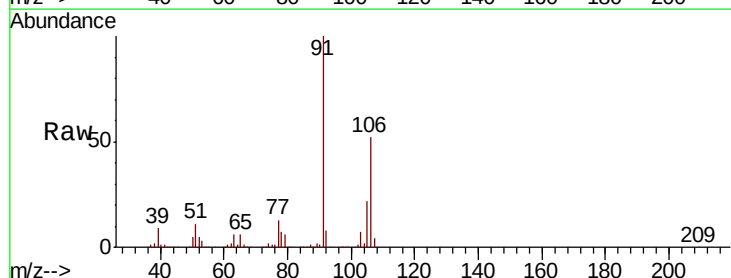
Acq: 07 Nov 2019 11:01

Tgt Ion: 106 Resp: 261249

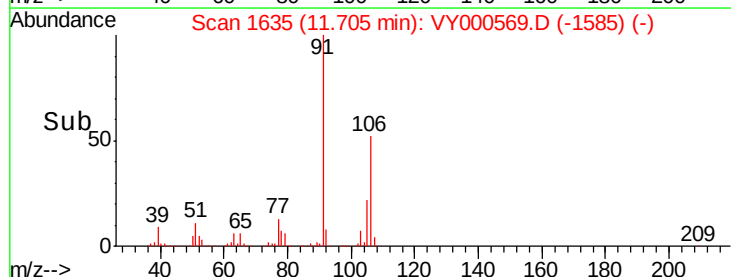
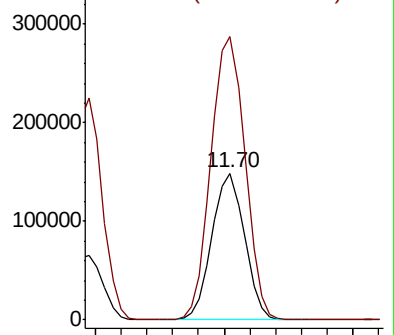
Ion Ratio Lower Upper

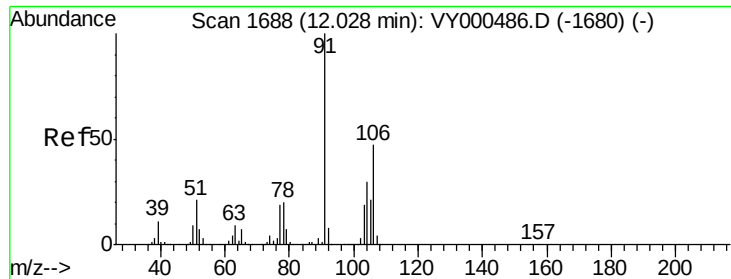
106 100

91 201.4 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): VY000486.D (-1626) (-)

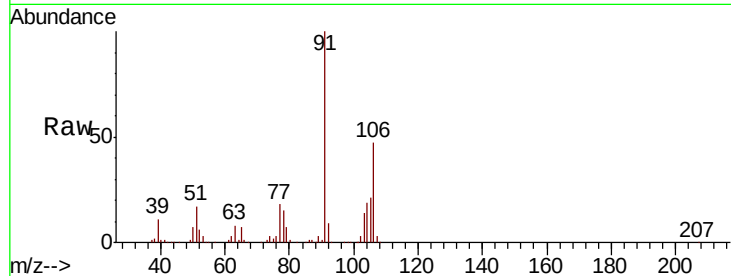




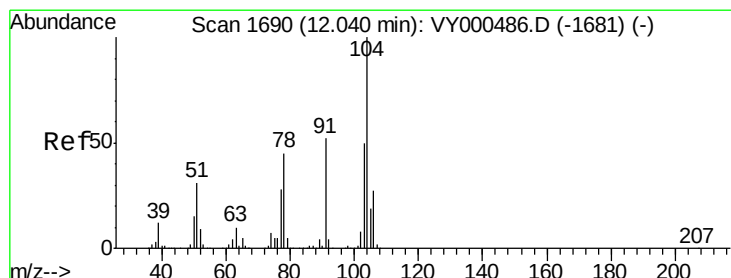
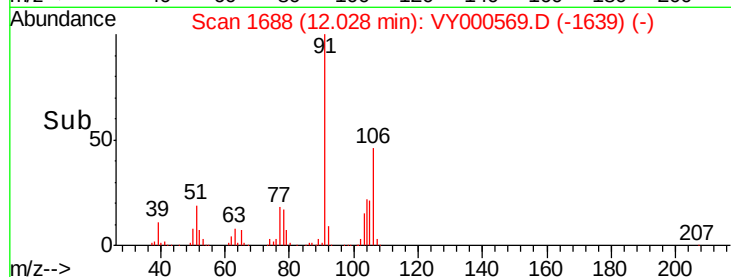
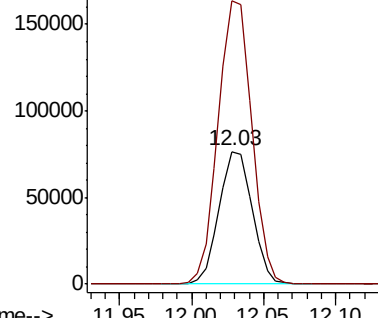
#69
o-Xylene
Concen: 20.877 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 122214
Ion Ratio Lower Upper
106 100
91 216.5 106.5 319.6

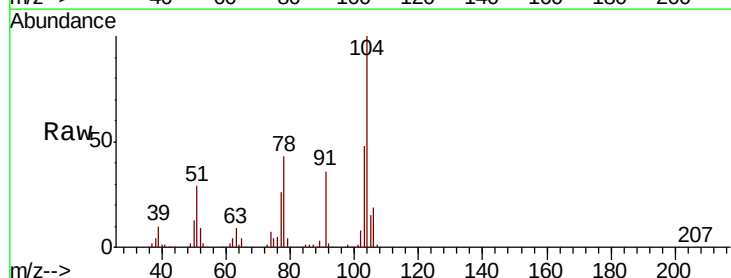


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

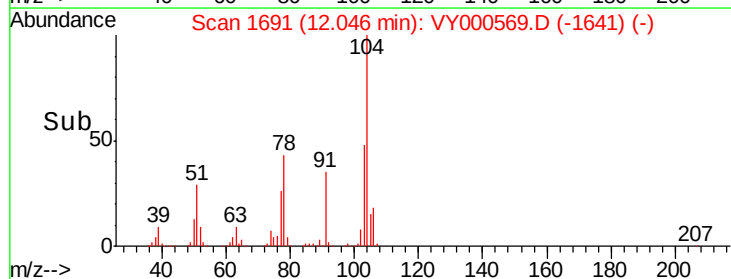
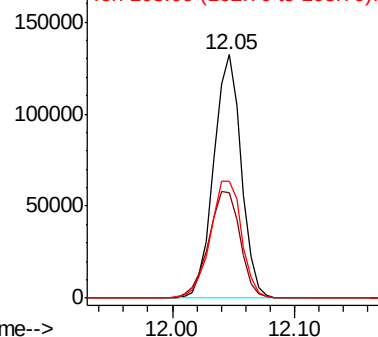


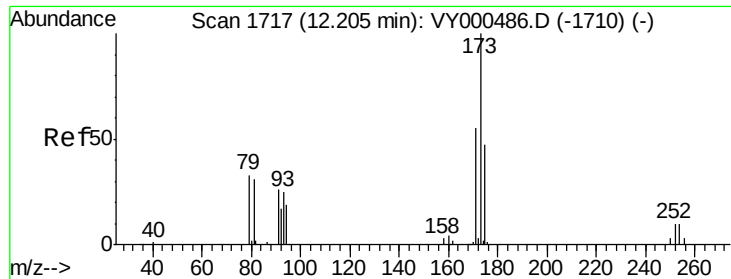
#70
Styrene
Concen: 20.553 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion:104 Resp: 206027
Ion Ratio Lower Upper
104 100
78 50.2 39.0 58.4
103 54.9 42.5 63.7



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





#71

Bromoform

Concen: 20.410 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampled :

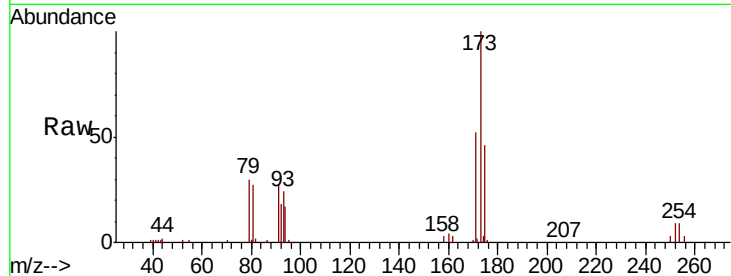
Tot Ion:173 Resp: 35601

Ion Ratio Lower Upper

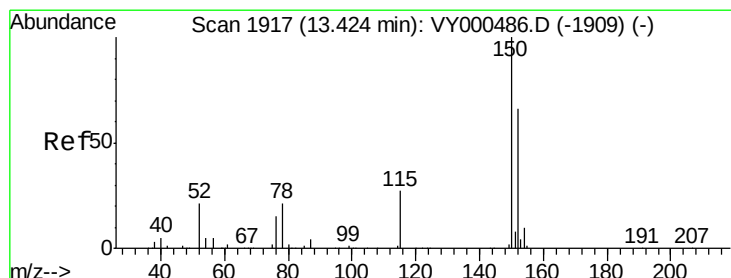
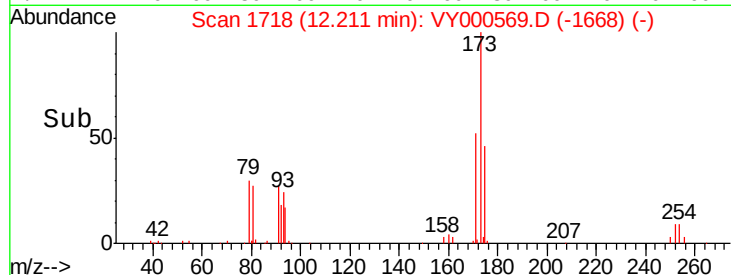
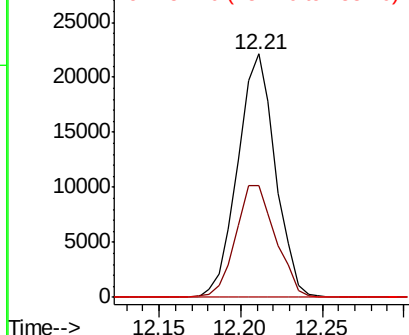
173 100

175 48.7 24.4 73.2

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

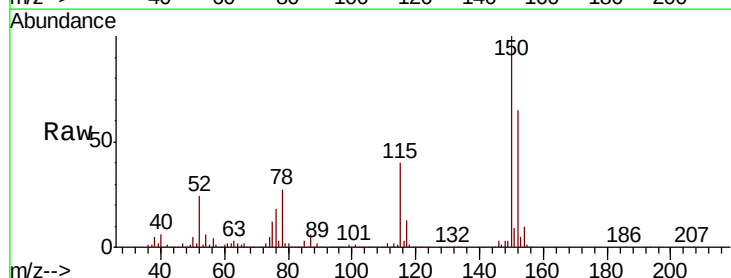
Tgt Ion:152 Resp: 207802

Ion Ratio Lower Upper

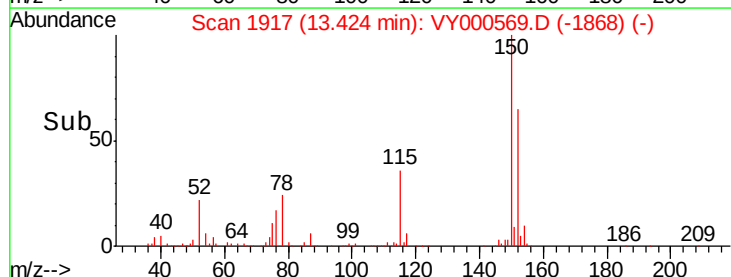
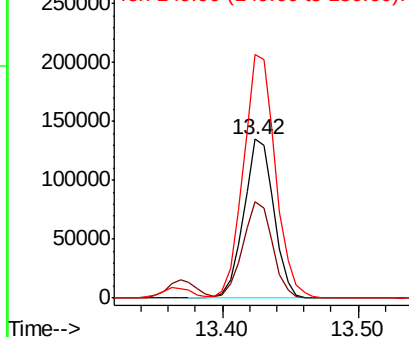
152 100

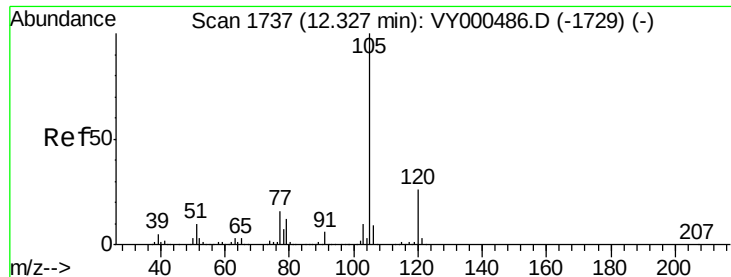
115 59.9 29.1 87.4

150 162.9 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: 21.716 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

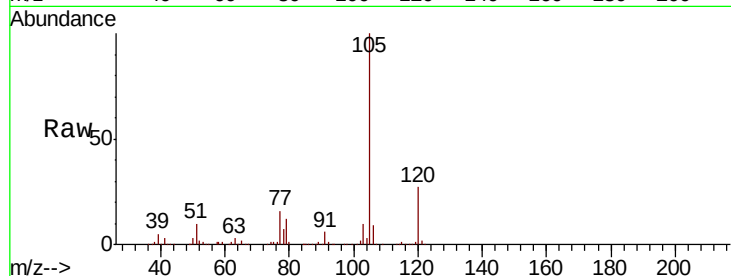
ClientSampleId :

Tot Ion:105 Resp: 333514

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

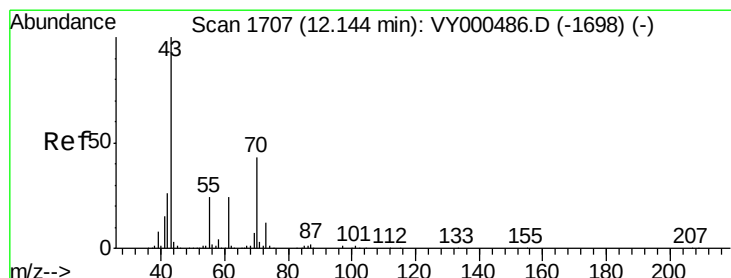
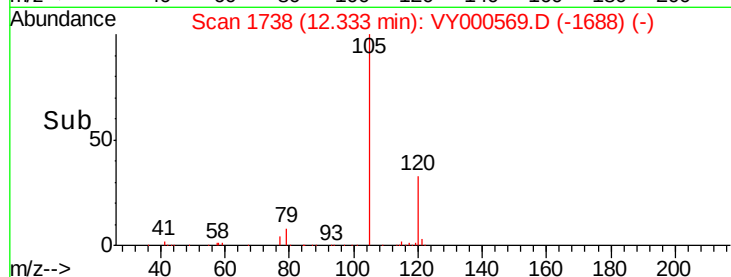
50000

0

12.33

12.40

Time-->



#74

N-ethyl acetate

Concen: 22.060 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Tgt Ion: 43 Resp: 97030

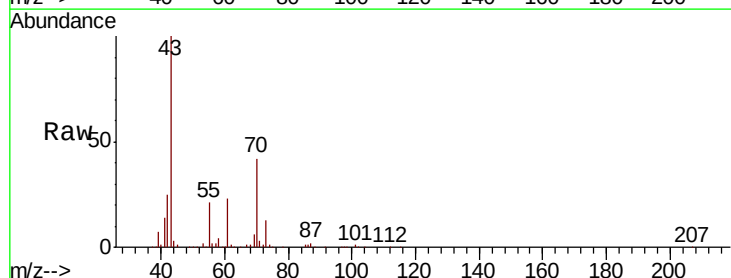
Ion Ratio Lower Upper

43 100

70 41.0 33.1 49.7

55 22.2 18.0 27.0

61 23.3 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

100000

80000

60000

40000

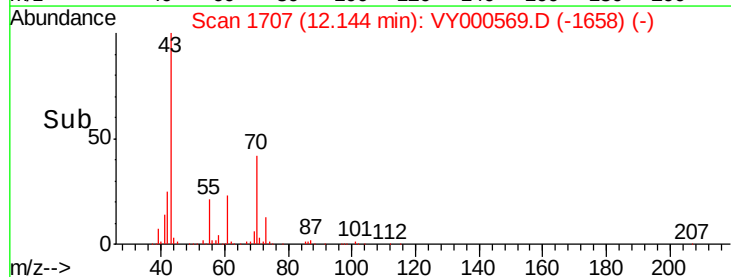
20000

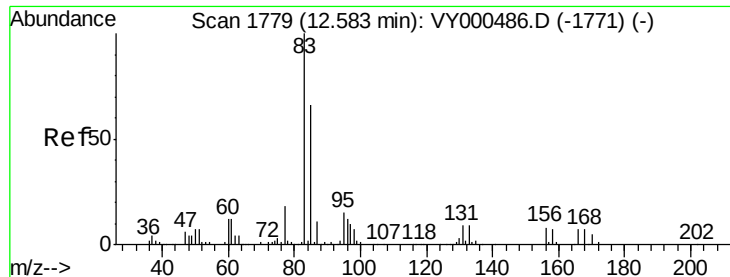
0

12.14

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.461 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampled :

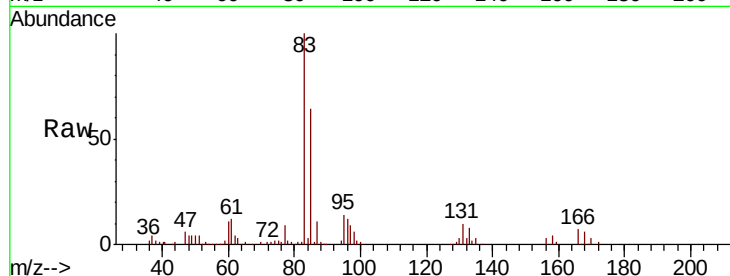
Tot Ion: 83 Resp: 65262

Ion Ratio Lower Upper

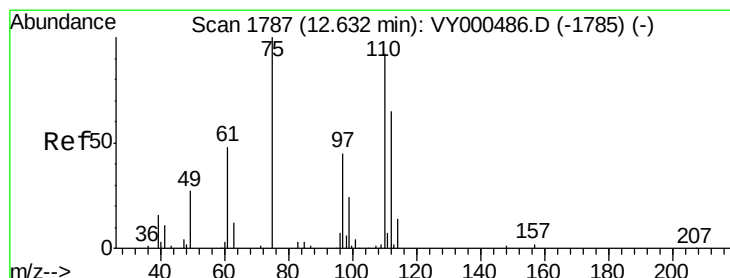
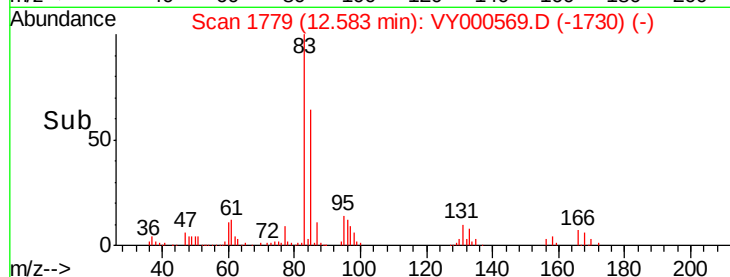
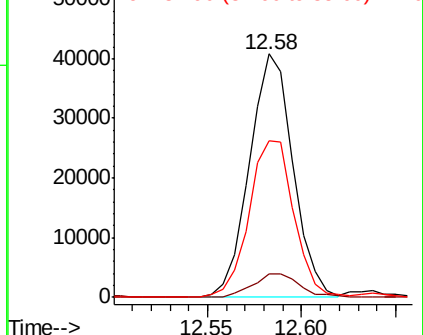
83 100

131 10.6 5.0 14.9

85 66.4 32.3 96.9



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



#76

1,2,3-Trichloropropane

Concen: 38.028 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000569.D

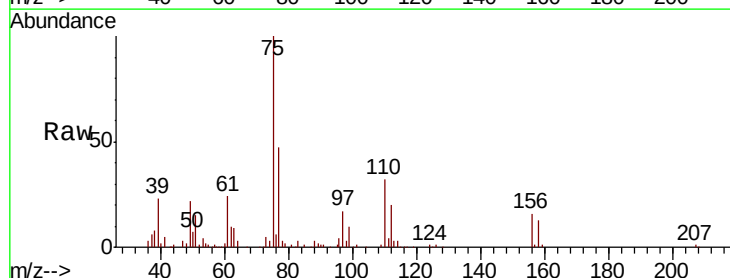
Acq: 07 Nov 2019 11:01

Tgt Ion: 75 Resp: 89979

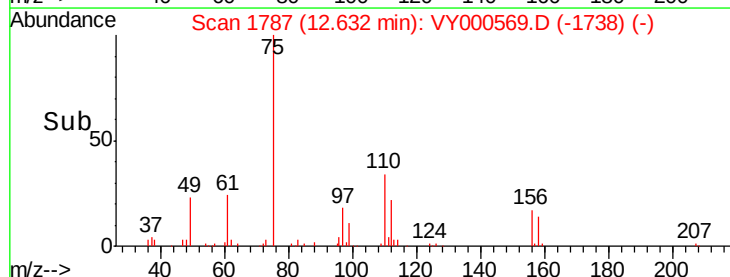
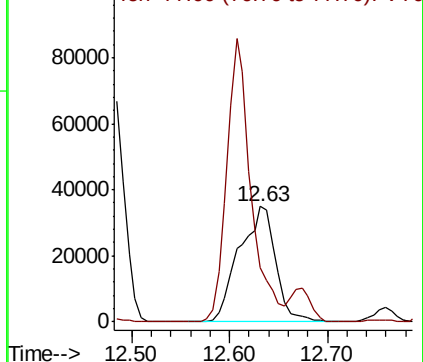
Ion Ratio Lower Upper

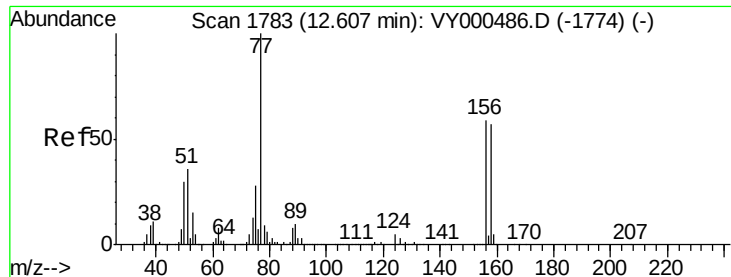
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 20.953 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampled :

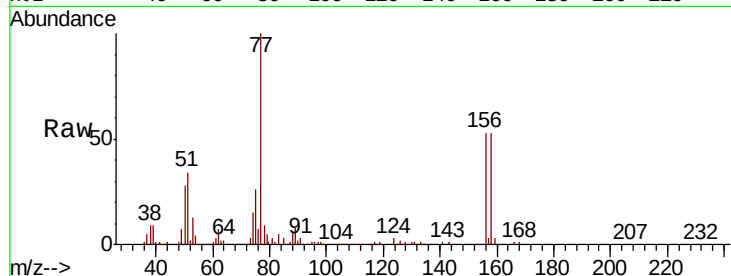
Tot Ion:156 Resp: 72976

Ion Ratio Lower Upper

156 100

77 202.8 98.2 294.4

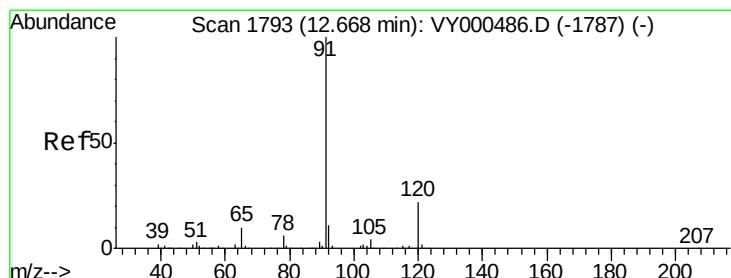
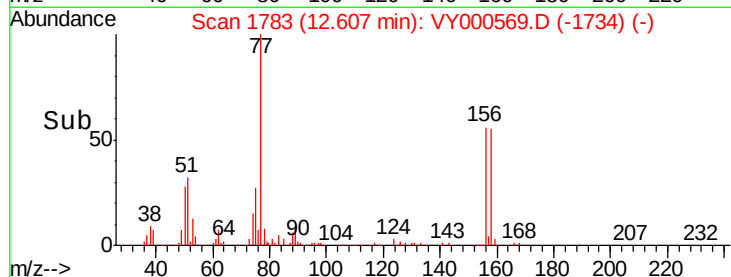
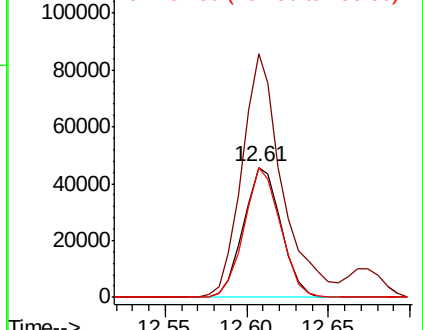
158 97.0 49.6 149.0



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: 21.716 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY000569.D

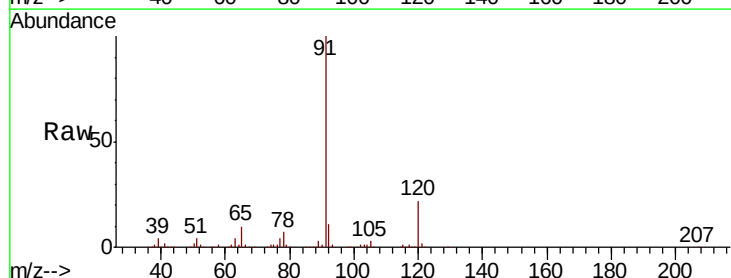
Acq: 07 Nov 2019 11:01

Tgt Ion: 91 Resp: 402417

Ion Ratio Lower Upper

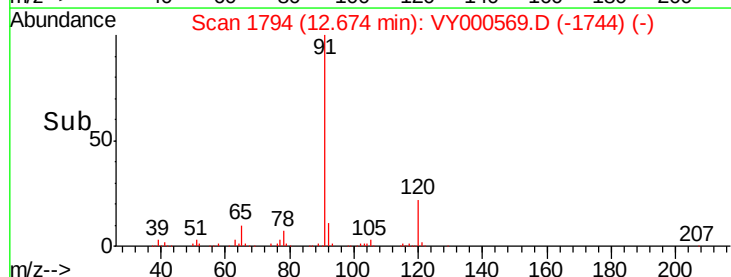
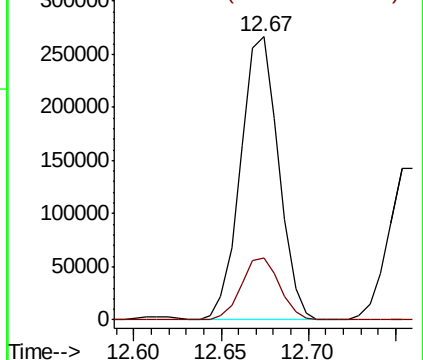
91 100

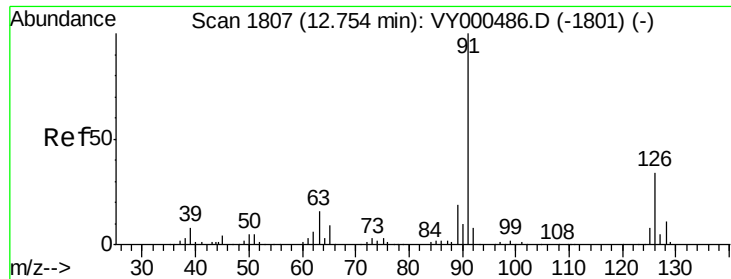
120 22.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

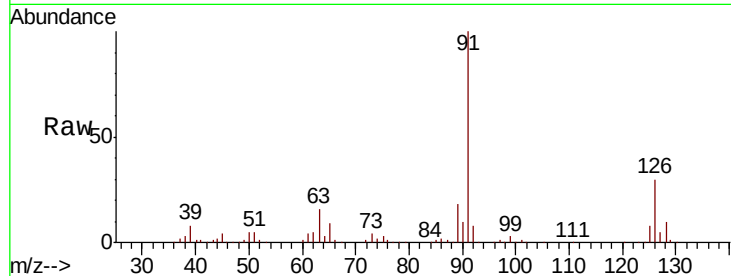




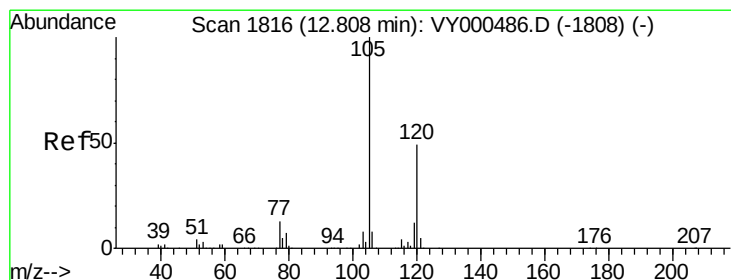
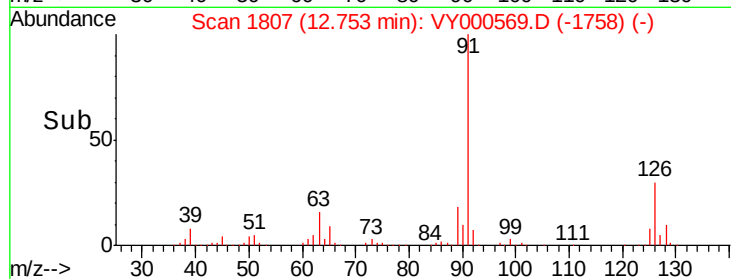
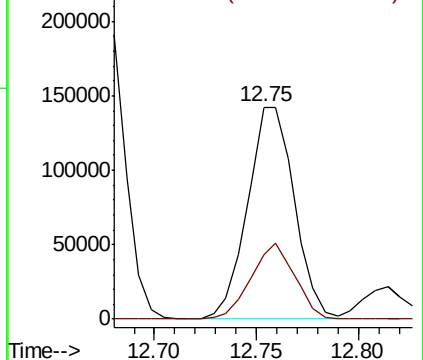
#79
 2-Chlorotoluene
 Concen: 22.123 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 91 Resp: 227594
 Ion Ratio Lower Upper
 91 100
 126 33.6 17.7 53.1

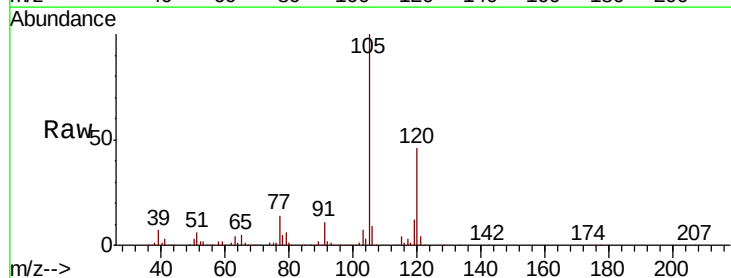


Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)
 Ion 125.90 (125.60 to 126.60): VY000486.D (-1801) (-)

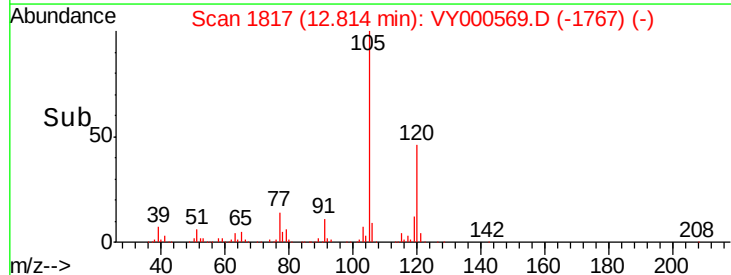
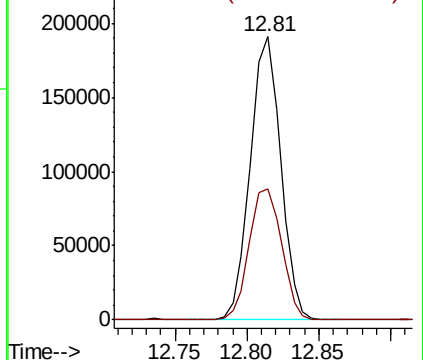


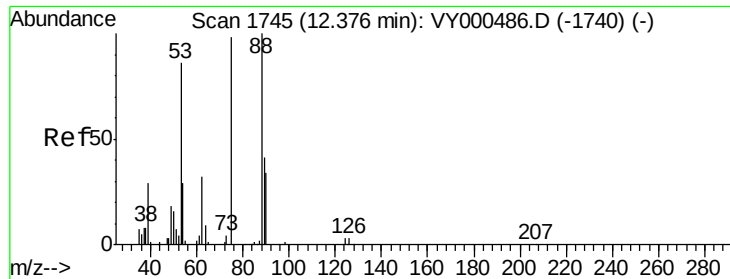
#80
 1,3,5-Trimethylbenzene
 Concen: 21.809 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion: 105 Resp: 278964
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)
 Ion 120.00 (119.70 to 120.70): VY000486.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.090 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

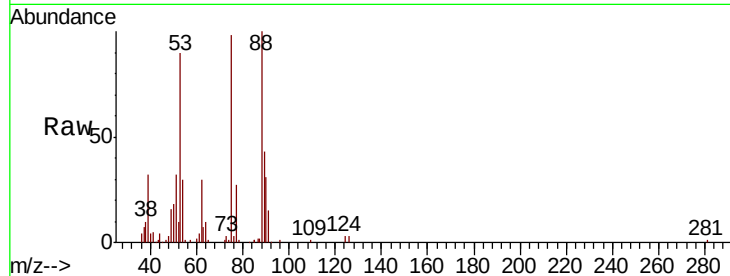
Tot Ion: 75 Resp: 22256

Ion	Ratio	Lower	Upper
75	100		
53	97.2	73.2	109.8
89	46.4	35.9	53.9

75 100

53 97.2 73.2 109.8

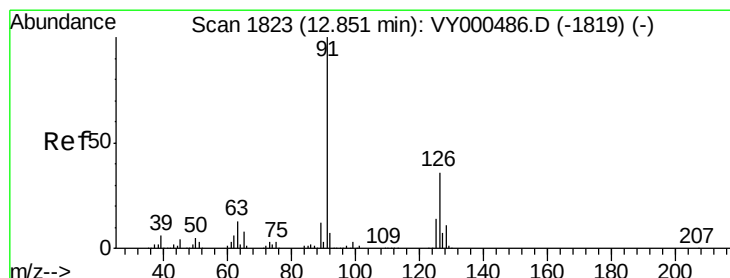
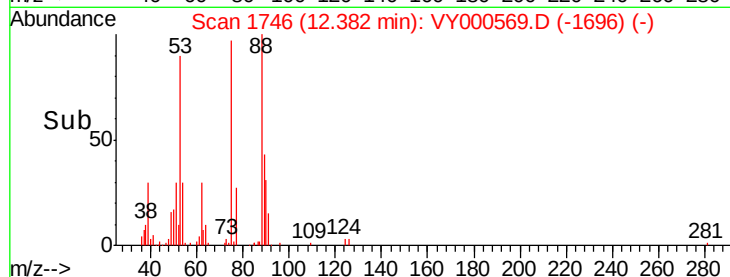
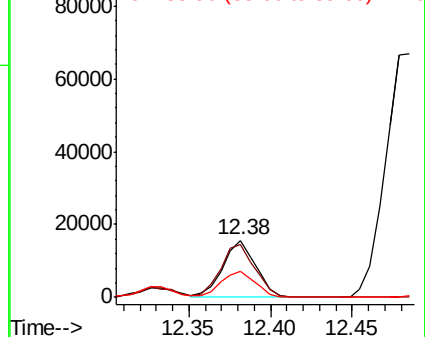
89 46.4 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 22.294 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY000569.D

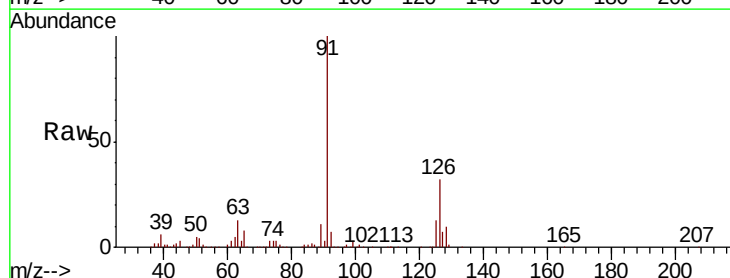
Acq: 07 Nov 2019 11:01

Tgt Ion: 91 Resp: 237740

Ion	Ratio	Lower	Upper
91	100		
126	33.4	17.6	52.9

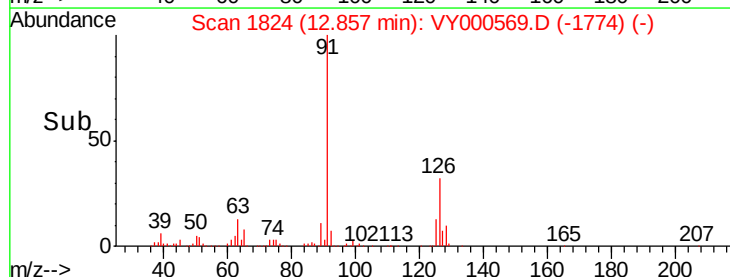
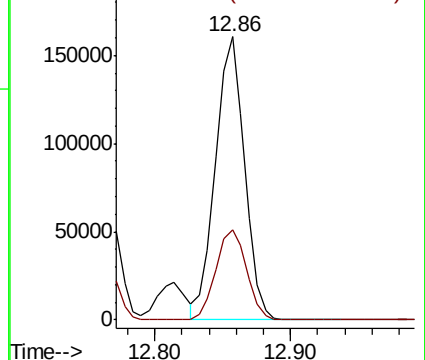
91 100

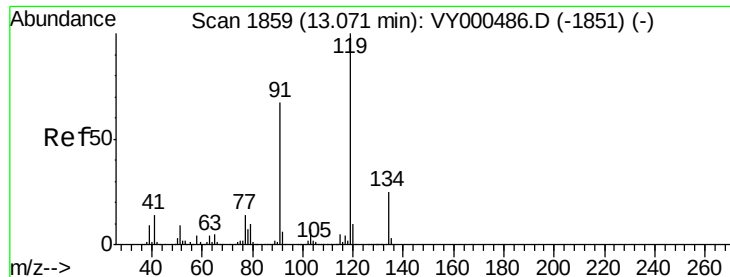
126 33.4 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

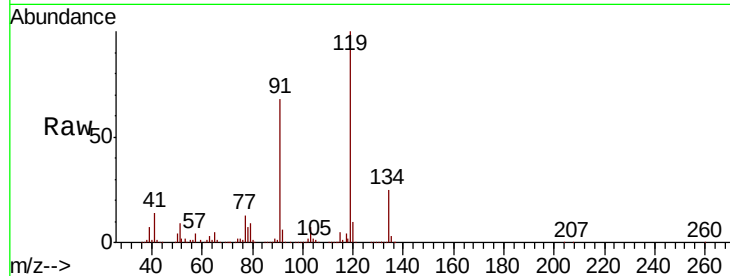




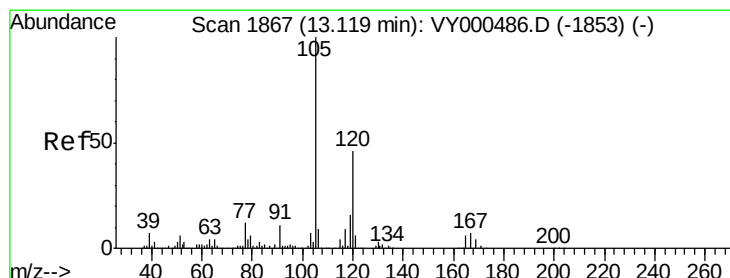
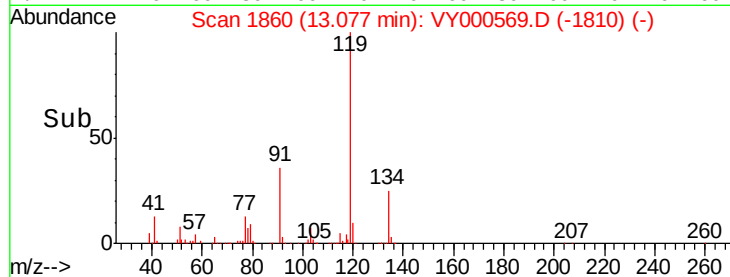
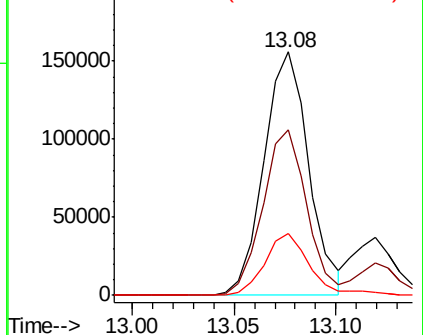
#83
 tert-Butylbenzene
 Concen: 21.884 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:119 Resp: 239002
 Ion Ratio Lower Upper
 119 100
 91 66.6 32.1 96.3
 134 25.8 13.2 39.5

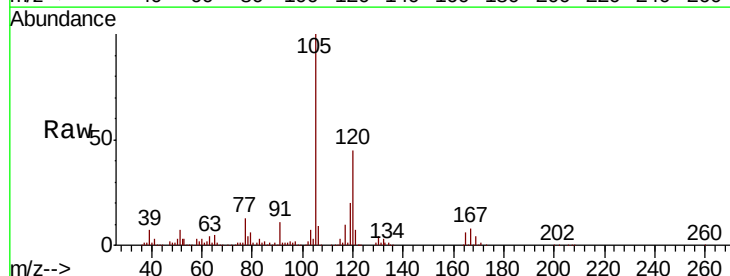


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

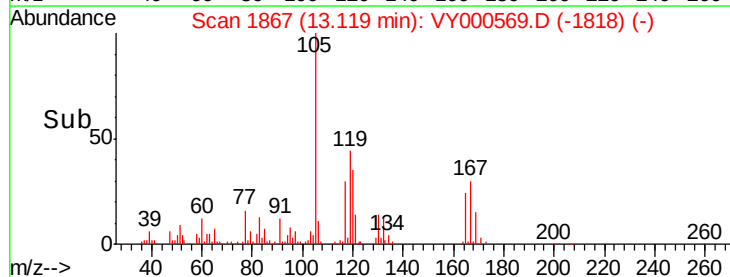
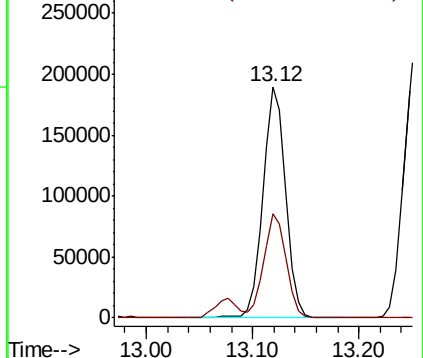


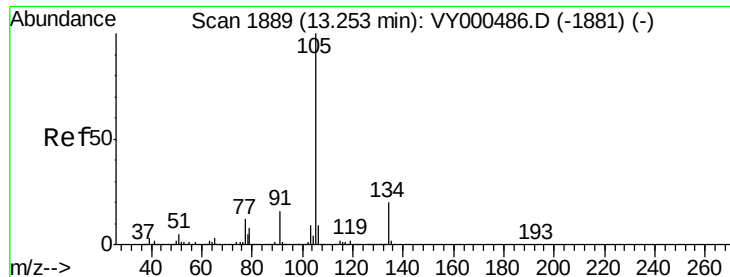
#84
 1,2,4-Trimethylbenzene
 Concen: 22.173 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion:105 Resp: 282386
 Ion Ratio Lower Upper
 105 100
 120 44.2 23.3 69.9



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





#85

sec-Butylbenzene

Concen: 21.949 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

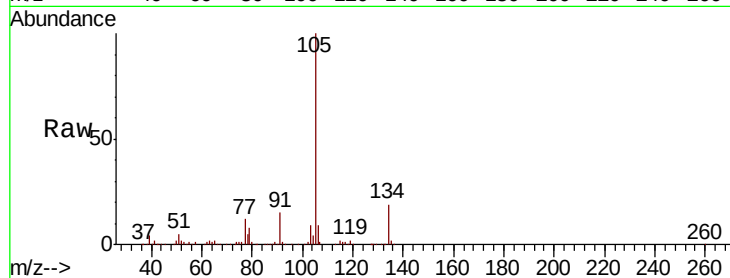
ClientSampled :

Tot Ion:105 Resp: 341533

Ion Ratio Lower Upper

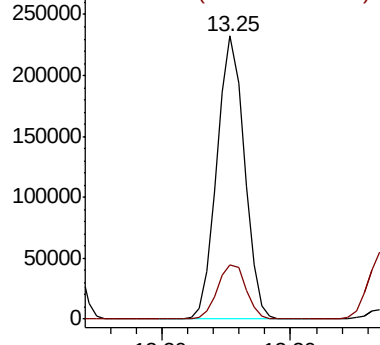
105 100

134 19.8 10.1 30.1

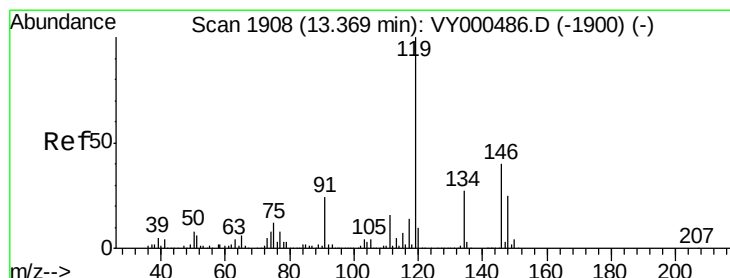
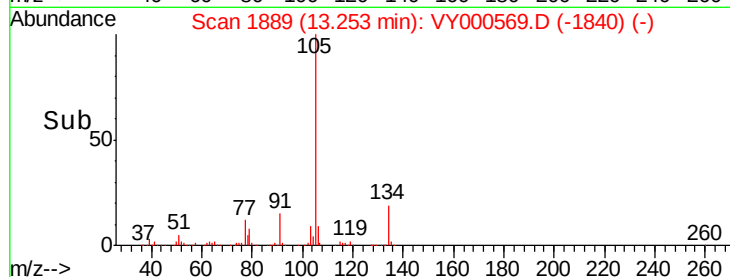


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 21.643 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

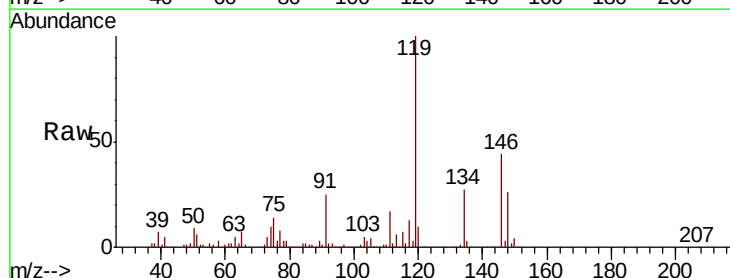
Tgt Ion:119 Resp: 300149

Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

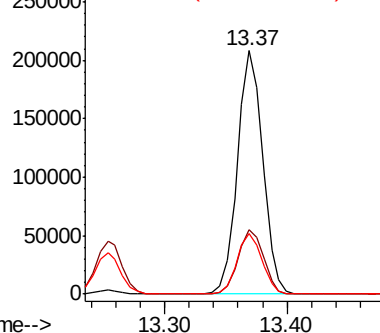
91 24.7 12.0 36.1



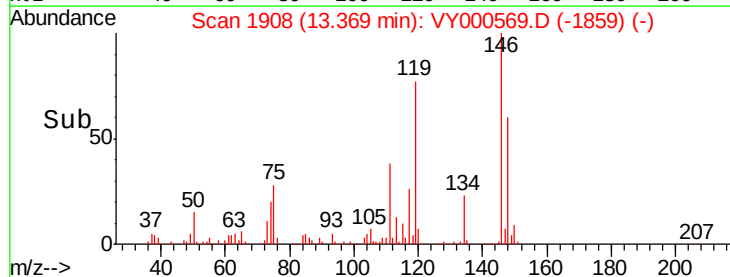
Abundance Ion 119.00 (118.70 to 119.70): V

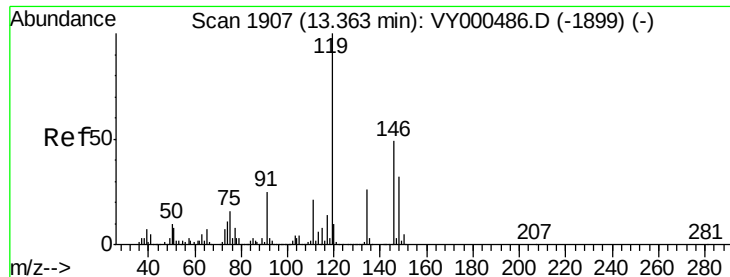
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time-->

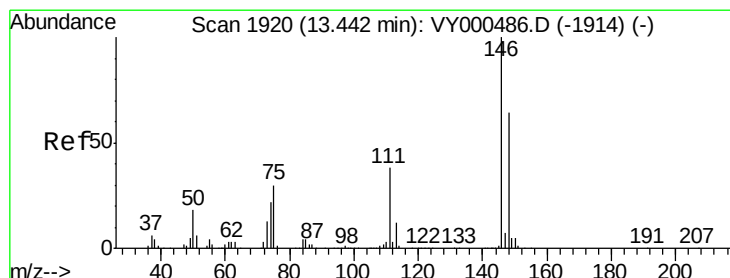
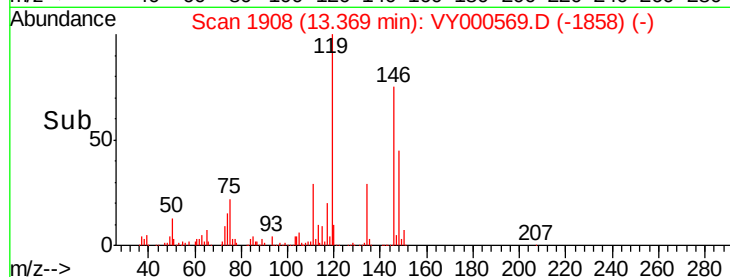
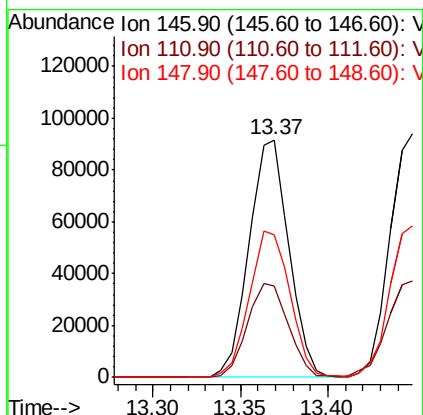
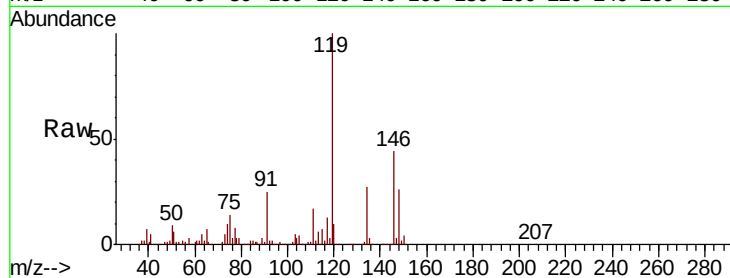




#87
 1,3-Dichlorobenzene
 Concen: 21.232 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

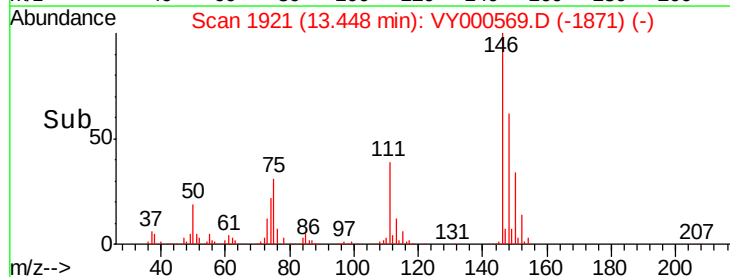
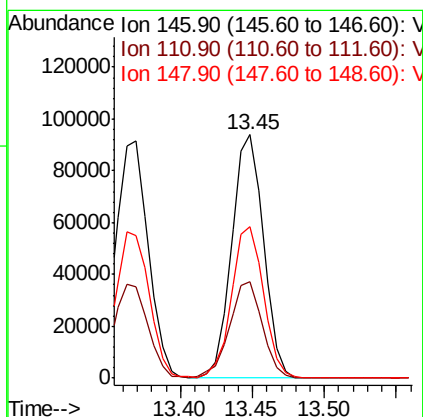
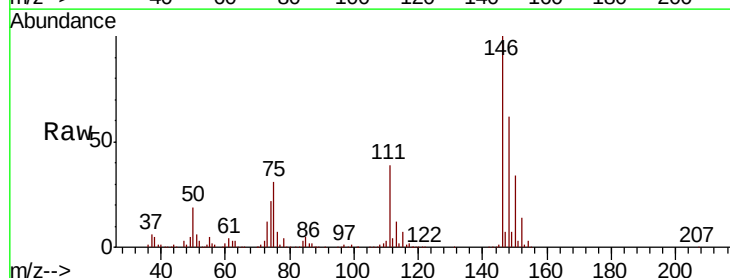
Instrument :
 MSVOA_Y
 ClientSampled :

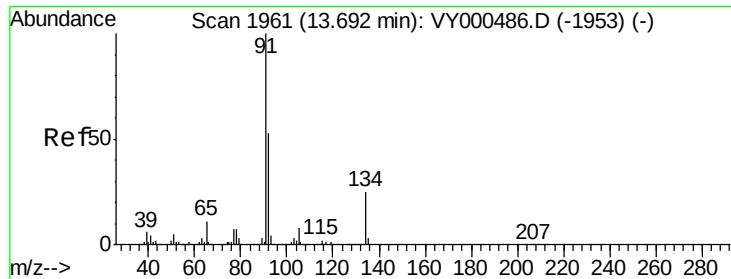
Tot Ion:146 Resp: 144836
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 60.8
 148 63.0 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 21.222 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion:146 Resp: 144663
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.7 59.0
 148 62.9 31.9 95.7





#89

n-Butylbenzene

Concen: 21.691 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampled :

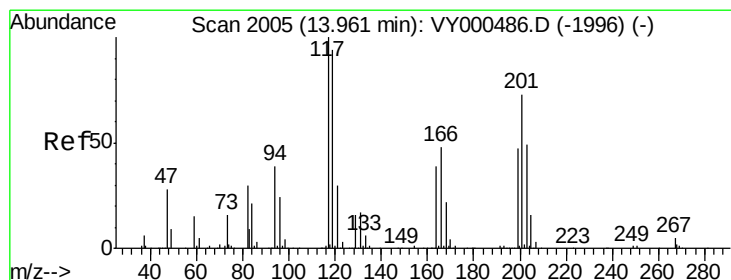
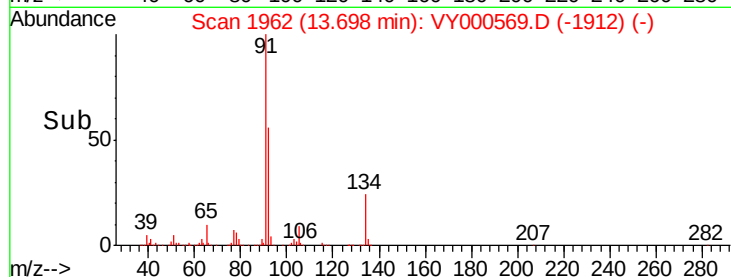
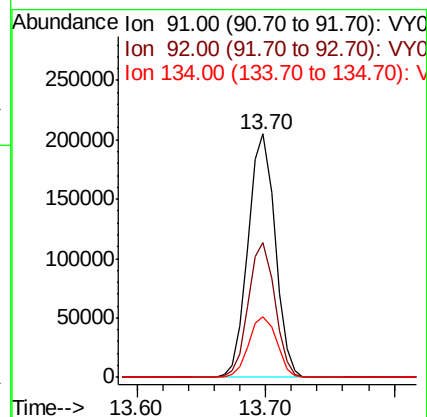
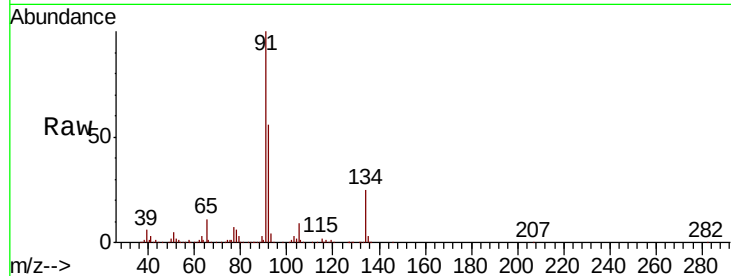
Tot Ion: 91 Resp: 296692

Ion Ratio Lower Upper

91 100

92 54.5 26.8 80.3

134 25.9 12.9 38.7



#90

Hexachloroethane

Concen: 21.965 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY000569.D

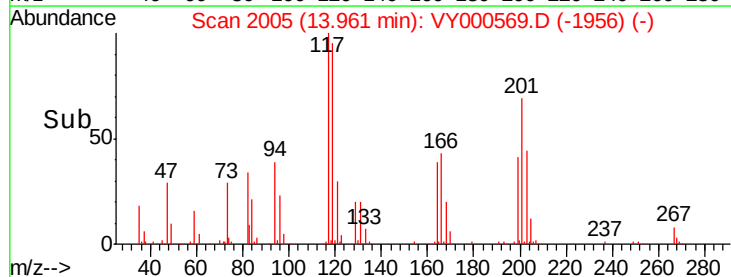
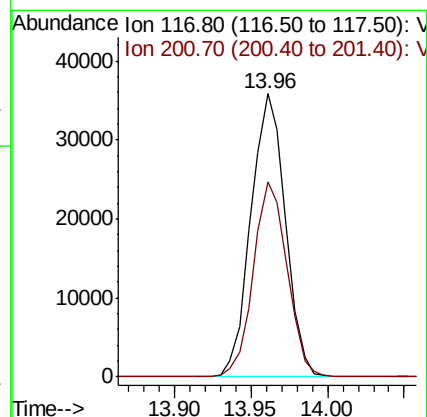
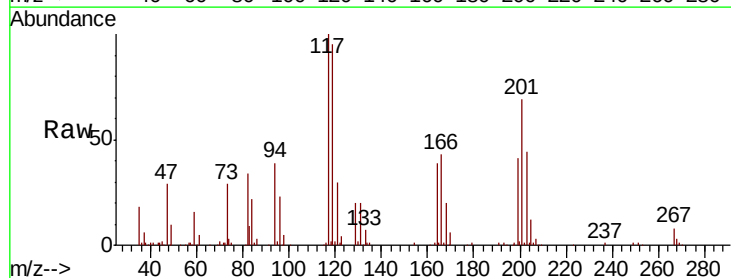
Acq: 07 Nov 2019 11:01

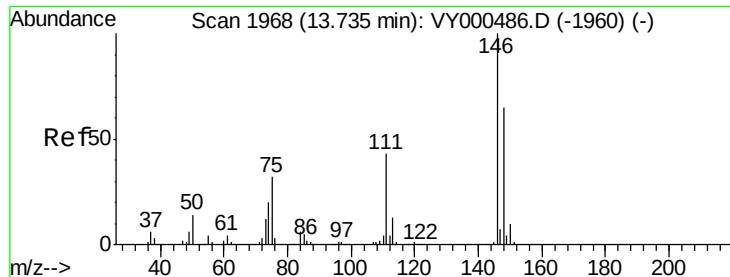
Tgt Ion: 117 Resp: 56313

Ion Ratio Lower Upper

117 100

201 67.5 35.8 107.3

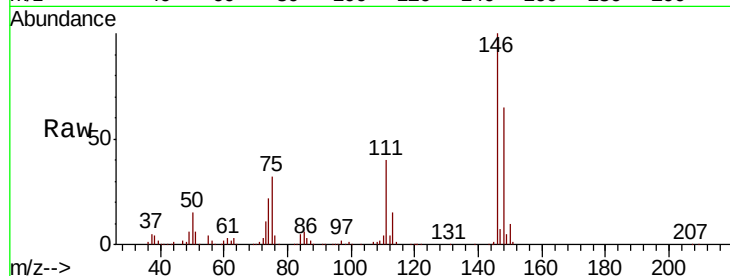




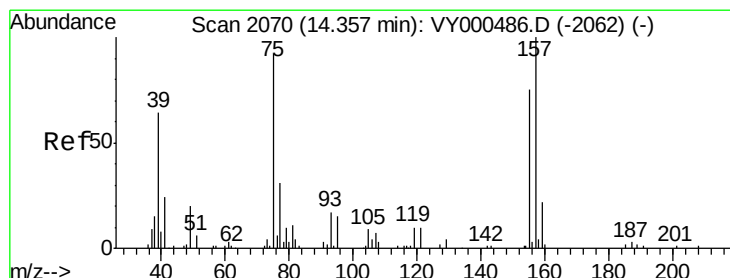
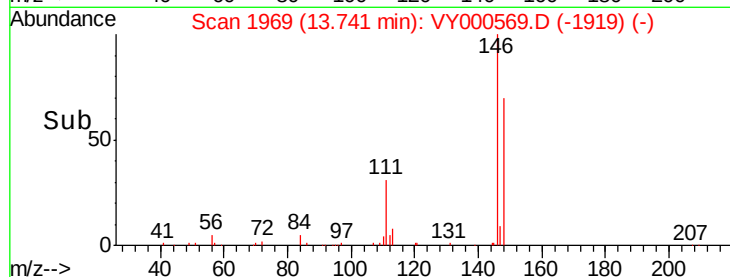
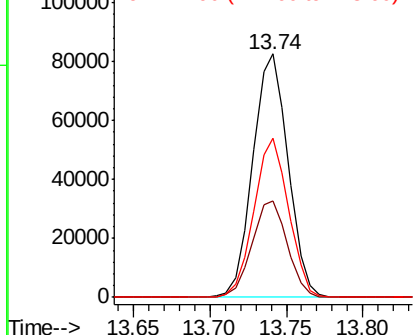
#91
 1,2-Dichlorobenzene
 Concen: 21.375 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:146 Resp: 132300
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.5 61.5
 148 64.5 31.7 95.1

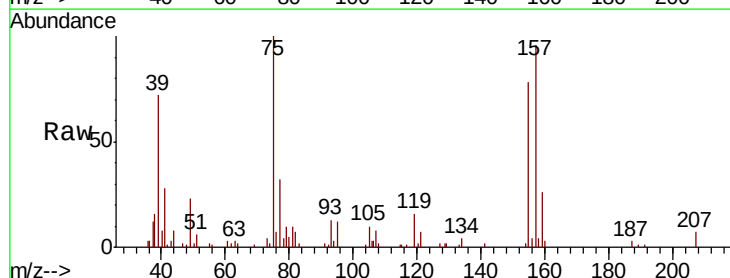


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

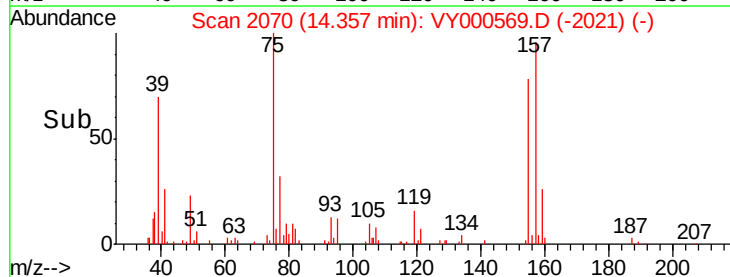
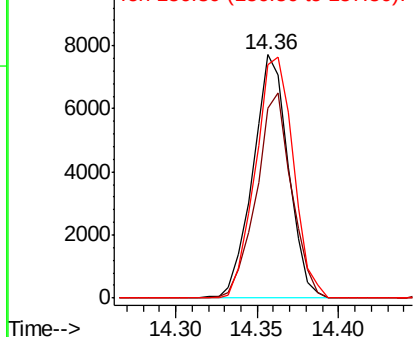


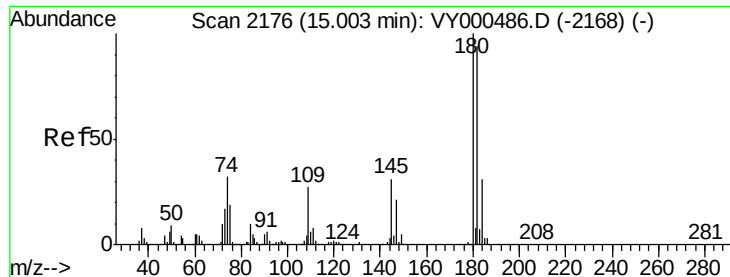
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.669 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion: 75 Resp: 11662
 Ion Ratio Lower Upper
 75 100
 155 83.9 42.4 127.1
 157 105.9 55.1 165.3



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

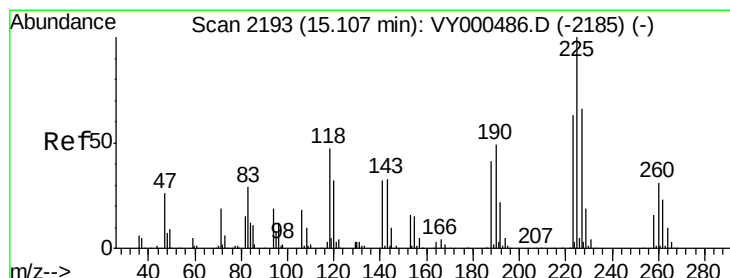
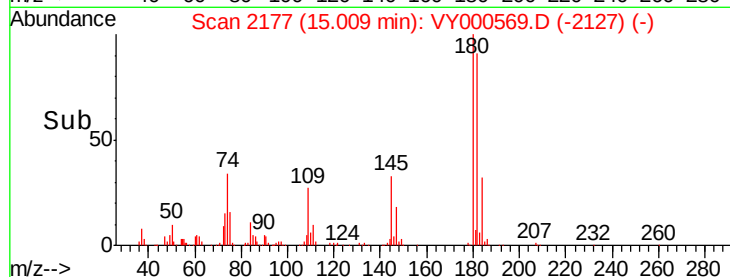
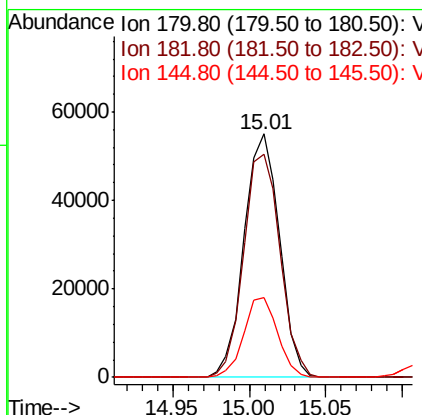
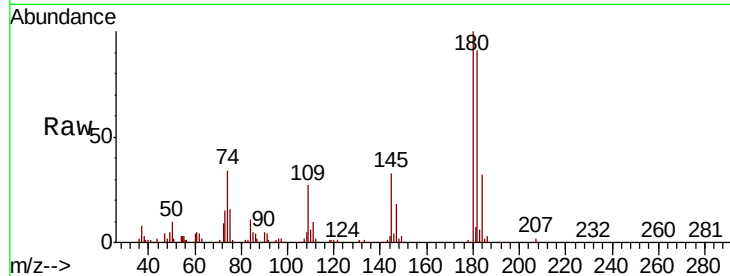




#93
 1,2,4-Trichlorobenzene
 Concen: 21.067 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

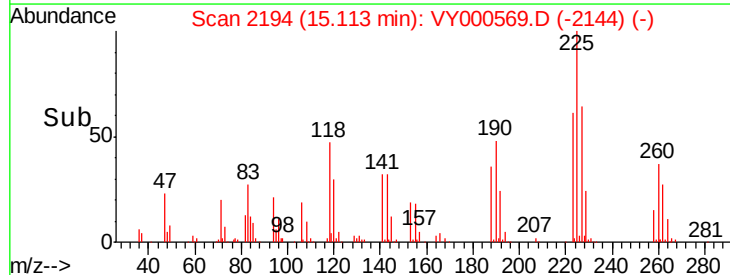
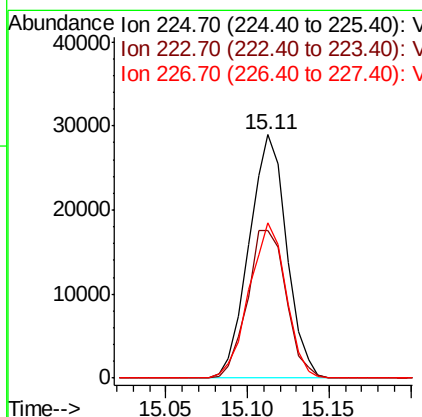
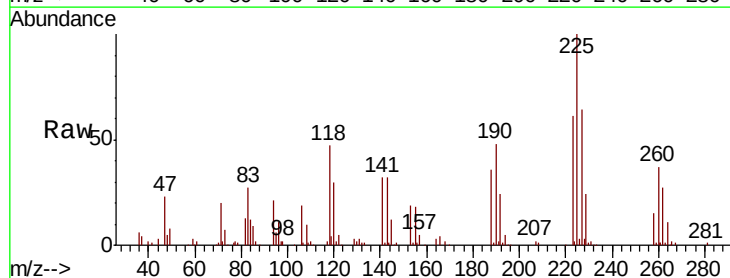
Instrument :
 MSVOA_Y
 ClientSampleId :

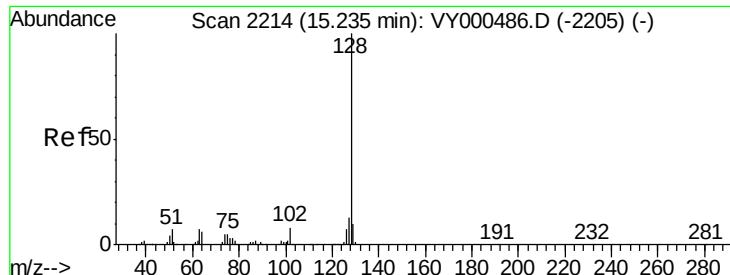
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.4
145	31.3	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 21.297 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.3	93.8
227	62.4	32.4	97.0

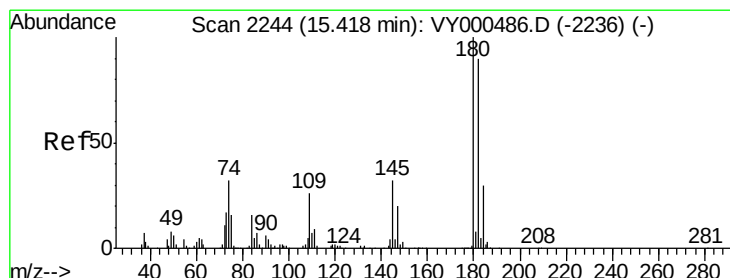
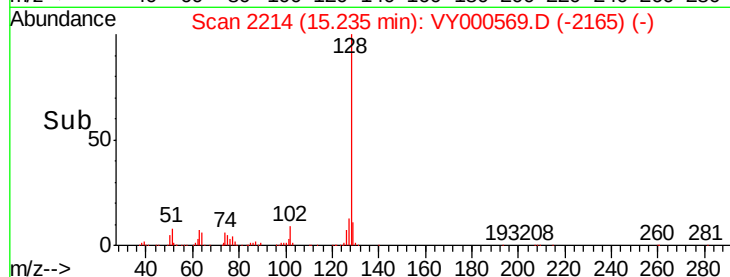
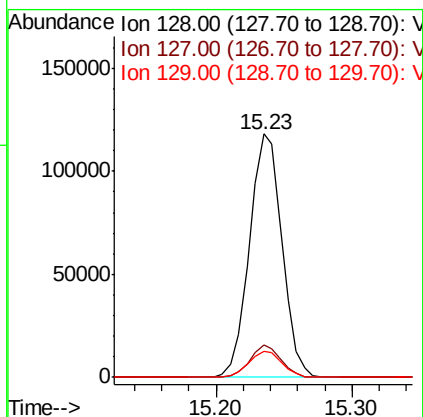
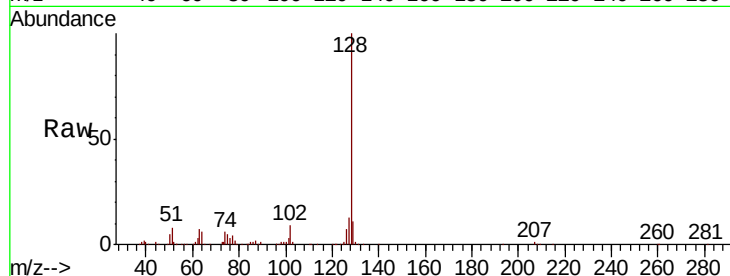




#95
Naphthalene
Concen: 21.216 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 198486
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.6
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.084 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion:180 Resp: 79716
Ion Ratio Lower Upper
180 100
182 92.9 47.4 142.3
145 32.1 15.7 47.0

