

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110719\
 Data File : VY000567.D
 Acq On : 07 Nov 2019 09:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 03:43:19 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	292267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	487259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	443907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	218968	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	160257	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	
35) Dibromofluoromethane	7.73	113	144419	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	10.19	98	584679	53.87	ug/l	0.00
Spiked Amount			Recovery	=	107.74%	
62) 4-Bromofluorobenzene	12.48	95	217349	52.60	ug/l	0.00
Spiked Amount			Recovery	=	105.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	148745	51.700	ug/l	100
3) Chloromethane	2.12	50	200044	50.474	ug/l	99
4) Vinyl Chloride	2.26	62	189238	51.417	ug/l	99
5) Bromomethane	2.66	94	112061	50.775	ug/l	91
6) Chloroethane	2.80	64	121444	52.723	ug/l	100
7) Trichlorofluoromethane	3.13	101	265281	53.373	ug/l	98
8) Diethyl Ether	3.54	74	93254	52.803	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	159428	53.056	ug/l	95
10) Methyl Iodide	4.10	142	183847	46.707	ug/l	100
11) Tert butyl alcohol	5.00	59	63400	215.335	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	156209	53.507	ug/l	89
13) Acrolein	3.74	56	69354	270.428	ug/l	97
14) Allyl chloride	4.49	41	266948	56.233	ug/l	99
15) Acrylonitrile	5.19	53	226695	250.573	ug/l	99
16) Acetone	3.97	43	202720	243.183	ug/l	98
17) Carbon Disulfide	4.20	76	477270	51.833	ug/l	99
18) Methyl Acetate	4.49	43	126977	48.989	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	430437	53.028	ug/l	100
20) Methylene Chloride	4.72	84	173679	48.623	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	171920	52.089	ug/l	98
22) Diisopropyl ether	6.13	45	582470	56.451	ug/l #	98
23) Vinyl Acetate	6.07	43	1787402	274.421	ug/l	99
24) 1,1-Dichloroethane	6.03	63	304396	54.456	ug/l	99
25) 2-Butanone	7.00	43	360196	270.745	ug/l	97
26) 2,2-Dichloropropane	6.99	77	277529	54.329	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	192168	53.247	ug/l	96
28) Bromochloromethane	7.35	49	136694	53.324	ug/l	95
29) Tetrahydrofuran	7.36	42	197698	242.908	ug/l	99
30) Chloroform	7.52	83	302890	53.565	ug/l	99
31) Cyclohexane	7.79	56	307401	52.506	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	269658	53.508	ug/l	98
36) 1,1-Dichloropropene	7.93	75	244454	53.069	ug/l	98
37) Ethyl Acetate	7.08	43	139653	51.066	ug/l	98
38) Carbon Tetrachloride	7.91	117	236282	53.309	ug/l	99

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

39) Methylcyclohexane	9.19	83	321181	53.971	ug/l	98
40) Benzene	8.17	78	717761	53.149	ug/l	98
41) Methacrylonitrile	7.36	41	183863	120.516	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	205327	53.606	ug/l	100
43) Isopropyl Acetate	8.28	43	268835	52.330	ug/l	99
44) Trichloroethene	8.95	130	183441	51.519	ug/l	98
45) 1,2-Dichloropropane	9.22	63	181636	54.648	ug/l	97
46) Dibromomethane	9.32	93	95703	52.356	ug/l	98
47) Bromodichloromethane	9.50	83	233386	53.809	ug/l	99
48) Methyl methacrylate	9.30	41	120142	53.525	ug/l	97
49) 1,4-Dioxane	9.33	88	22453	912.678	ug/l #	74
51) 4-Methyl-2-Pentanone	10.08	43	721169	264.031	ug/l	99
52) Toluene	10.25	92	460344	53.917	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	257906	55.650	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	291017	54.814	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	141412	53.486	ug/l	95
56) Ethyl methacrylate	10.52	69	210667	56.219	ug/l	99
57) 1,3-Dichloropropane	10.80	76	247383	53.461	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	427228	252.186	ug/l	97
59) 2-Hexanone	10.83	43	583634	293.274	ug/l	99
60) Dibromochloromethane	10.99	129	160694	53.063	ug/l	99
61) 1,2-Dibromoethane	11.09	107	133467	52.503	ug/l	98
64) Tetrachloroethene	10.72	164	183866	50.092	ug/l	98
65) Chlorobenzene	11.52	112	474258	52.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	165263	52.945	ug/l	99
67) Ethyl Benzene	11.60	91	895454	54.060	ug/l	98
68) m/p-Xylenes	11.70	106	674566	105.220	ug/l	94
69) o-Xylene	12.03	106	319474	53.023	ug/l	99
70) Styrene	12.05	104	557757	54.060	ug/l	99
71) Bromoform	12.21	173	96520	53.762	ug/l #	100
73) Isopropylbenzene	12.33	105	870982	53.819	ug/l	100
74) N-amyl acetate	12.14	43	255171	55.054	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	168456	52.571	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	230825	92.580	ug/l #	100
77) Bromobenzene	12.61	156	188254	51.297	ug/l	95
78) n-propylbenzene	12.67	91	1066138	54.599	ug/l	99
79) 2-Chlorotoluene	12.76	91	589871	54.414	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	729664	54.136	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	61024	54.878	ug/l	98
82) 4-Chlorotoluene	12.86	91	627376	55.832	ug/l	96
83) tert-Butylbenzene	13.08	119	612665	53.237	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	725846	54.087	ug/l	97
85) sec-Butylbenzene	13.25	105	888548	54.193	ug/l	100
86) p-Isopropyltoluene	13.37	119	789879	54.053	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	371525	51.685	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	379406	52.820	ug/l	100
89) n-Butylbenzene	13.70	91	790693	54.860	ug/l	99
90) Hexachloroethane	13.96	117	148735	55.056	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	344103	52.761	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28559	50.360	ug/l	97

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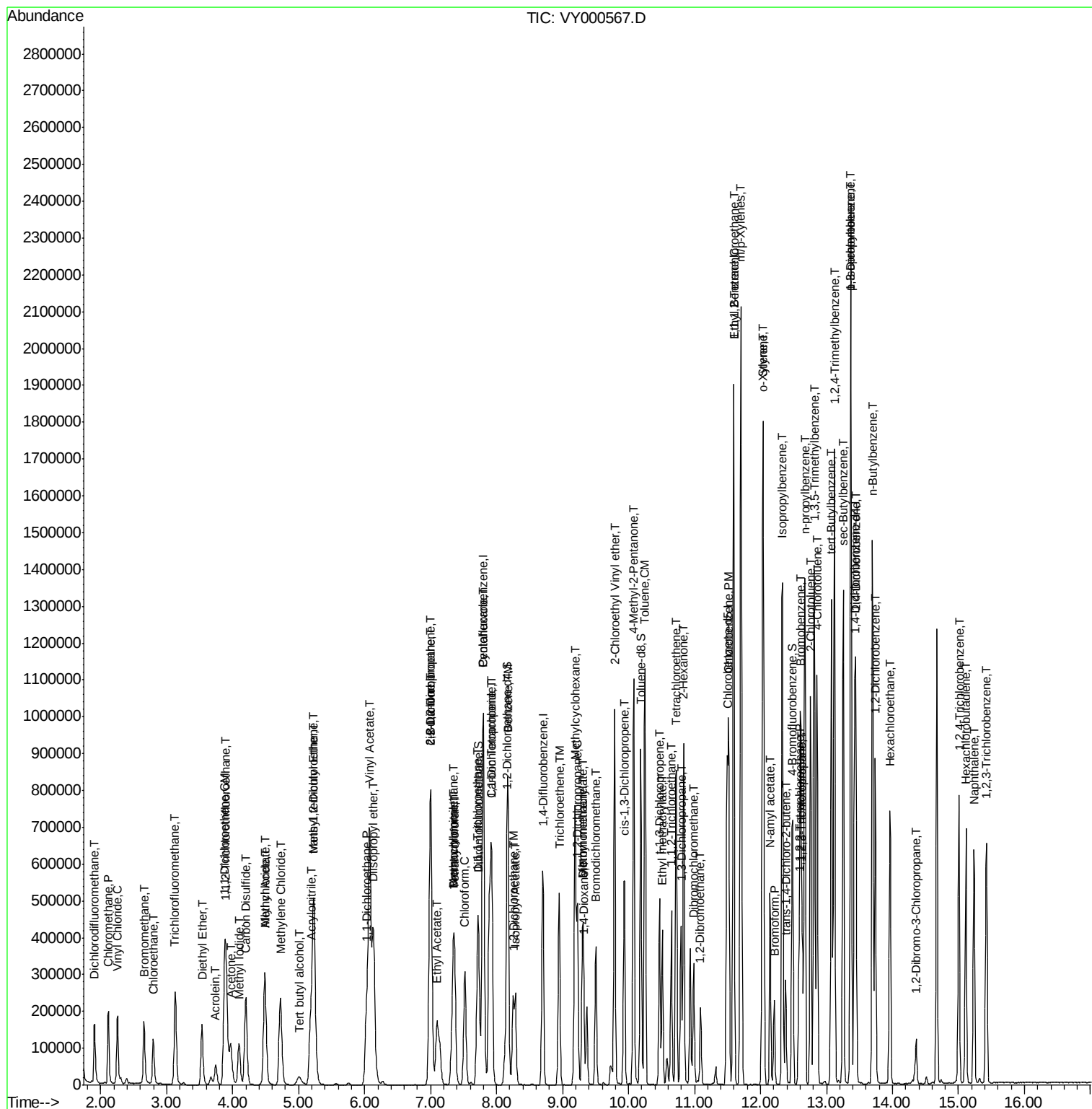
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	227802	51.298	ug/l	99
94) Hexachlorobutadiene	15.11	225	116924	51.078	ug/l	98
95) Naphthalene	15.23	128	504737	51.200	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	201557	50.591	ug/l	99

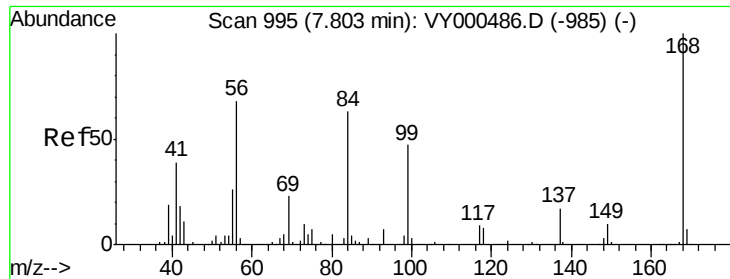
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

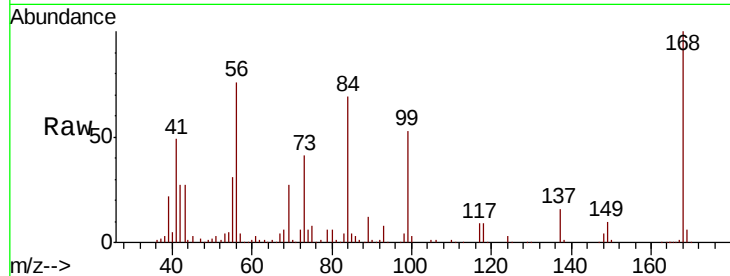
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 292267

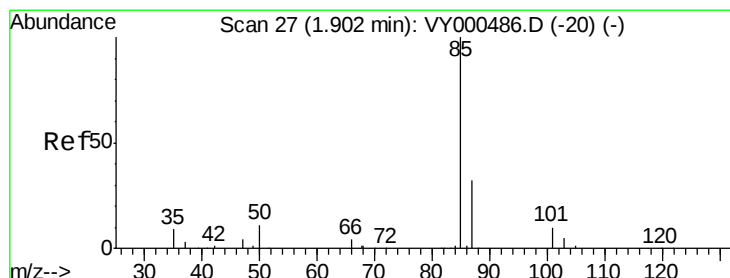
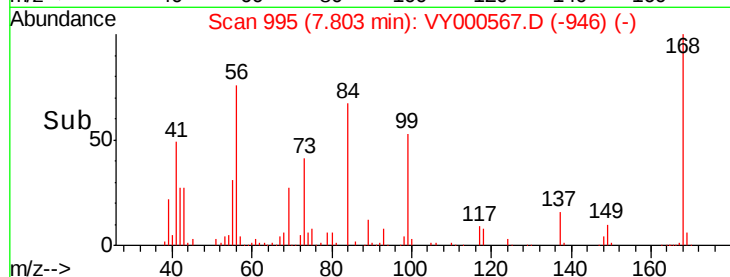
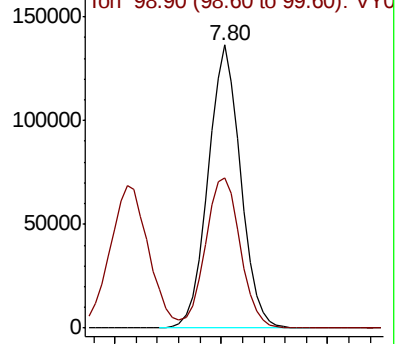
Ion Ratio Lower Upper

168 100

99 53.2 45.7 68.5



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



#2

Dichlorodifluoromethane

Concen: 51.700 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000567.D

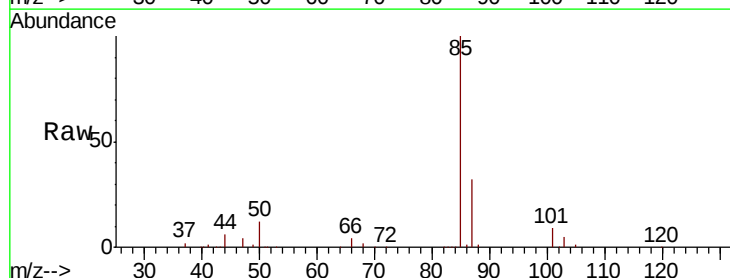
Acq: 07 Nov 2019 09:49

Tgt Ion: 85 Resp: 148745

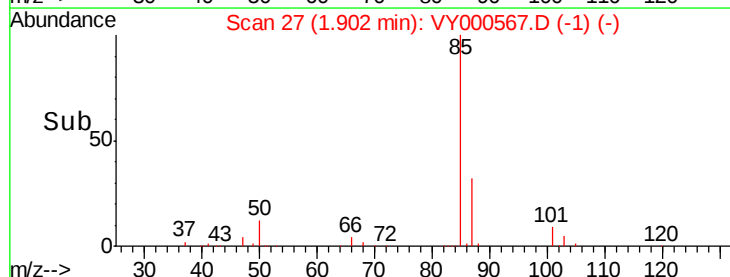
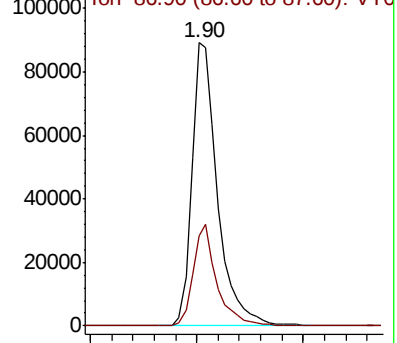
Ion Ratio Lower Upper

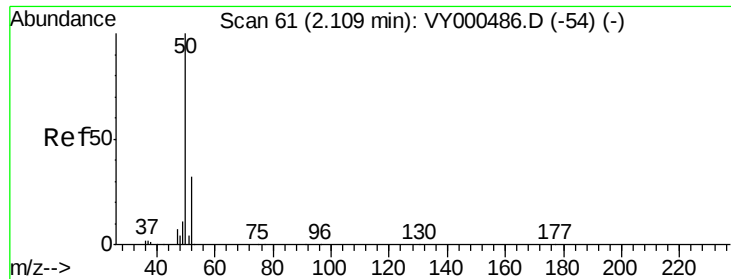
85 100

87 31.6 15.9 47.7



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





#3

Chloromethane

Concen: 50.474 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

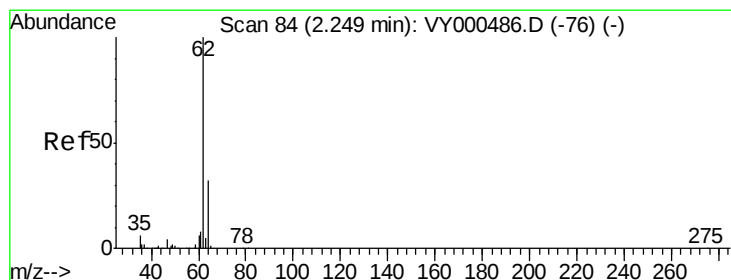
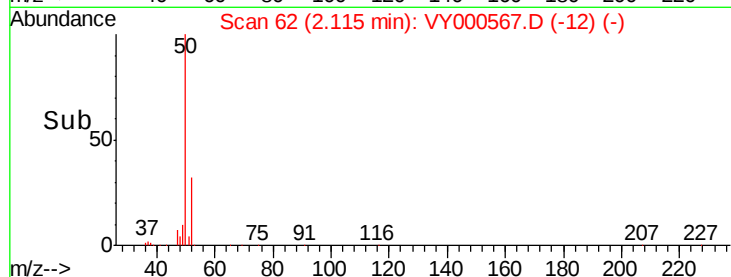
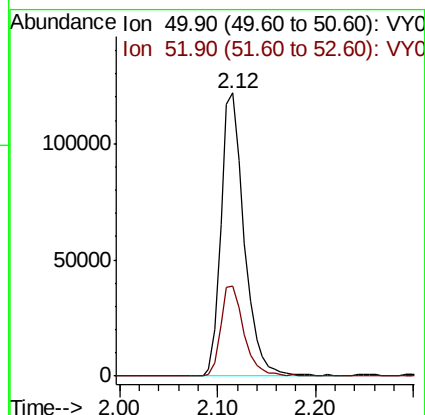
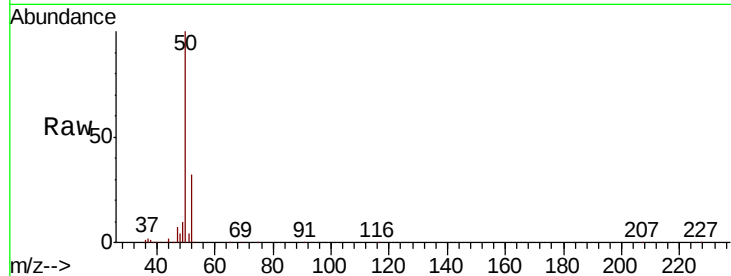
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 200044

Ion Ratio Lower Upper

50 100

52 31.8 25.2 37.8



#4

Vinyl Chloride

Concen: 51.417 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000567.D

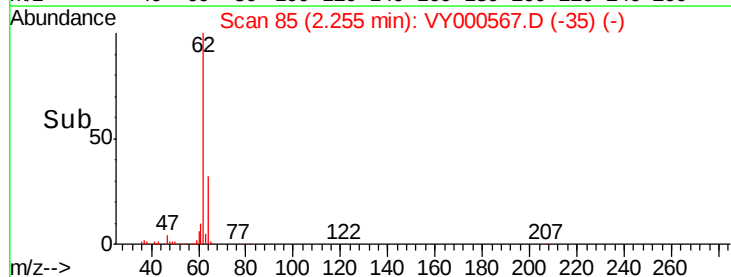
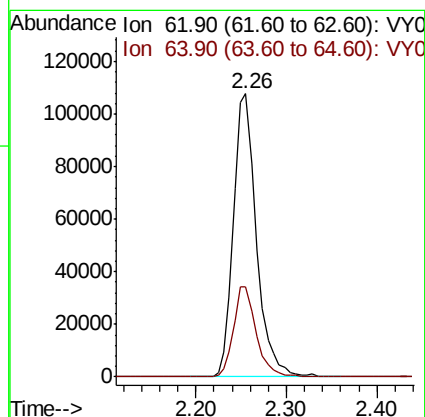
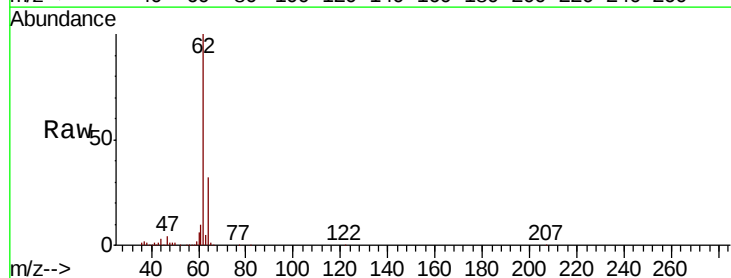
Acq: 07 Nov 2019 09:49

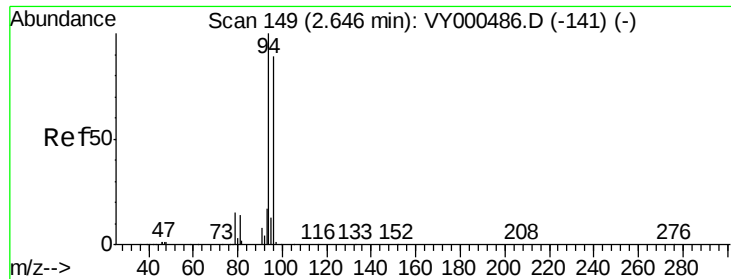
Tgt Ion: 62 Resp: 189238

Ion Ratio Lower Upper

62 100

64 32.0 25.2 37.8





#5

Bromomethane

Concen: 50.775 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

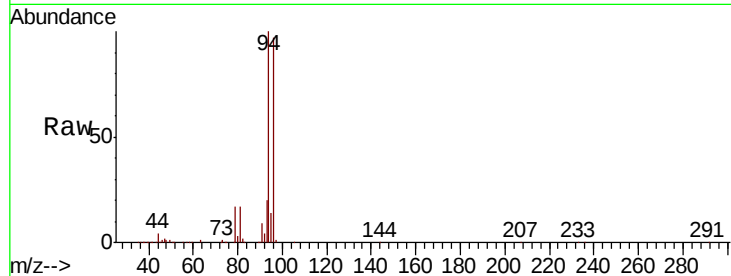
ClientSampleId :

Tot Ion: 94 Resp: 112061

Ion Ratio Lower Upper

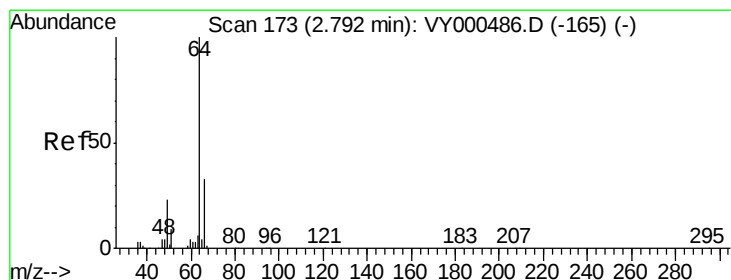
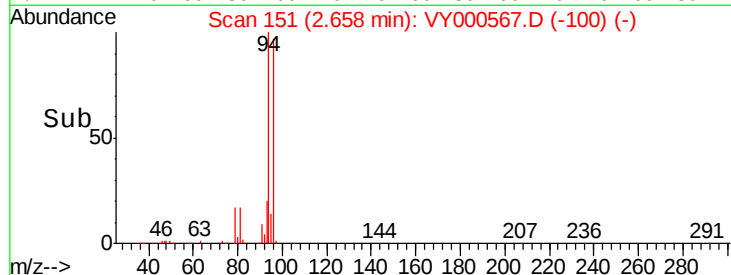
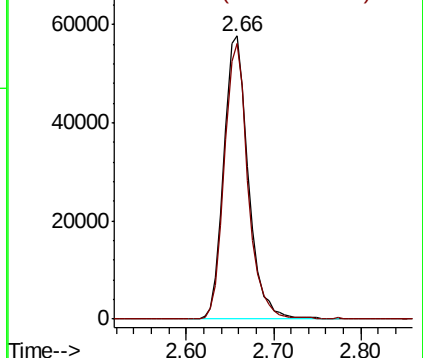
94 100

96 97.3 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: 52.723 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000567.D

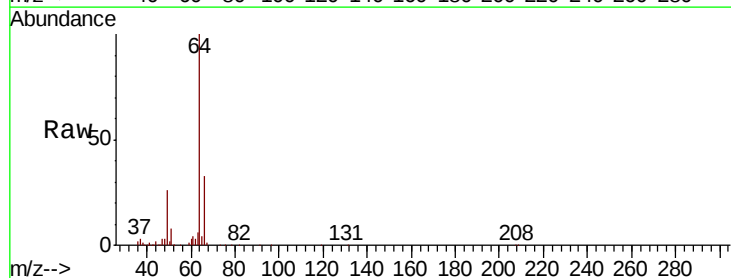
Acq: 07 Nov 2019 09:49

Tgt Ion: 64 Resp: 121444

Ion Ratio Lower Upper

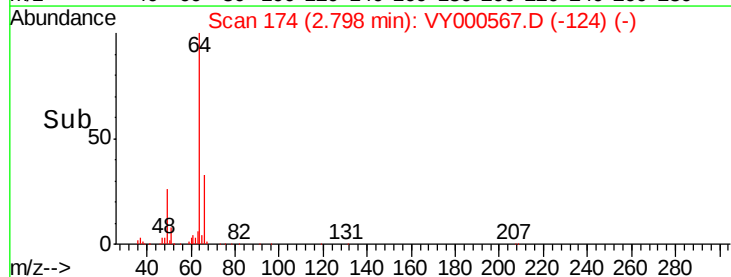
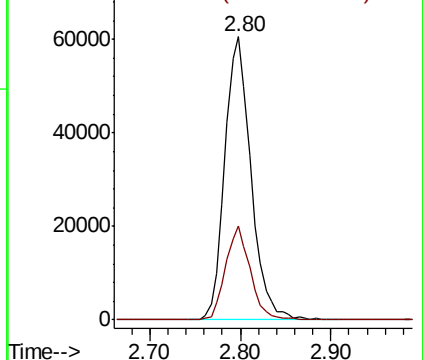
64 100

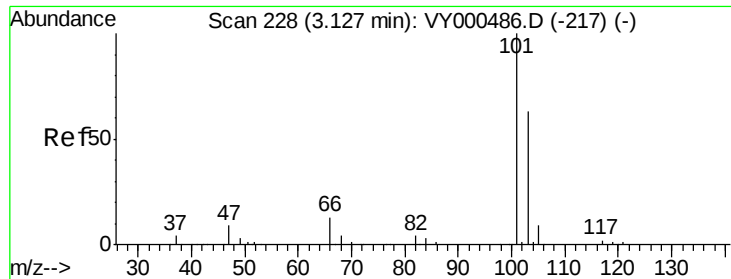
66 33.2 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



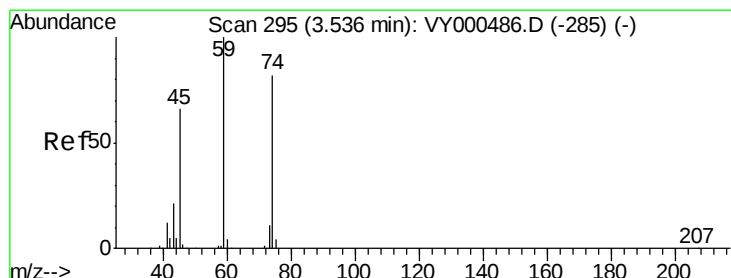
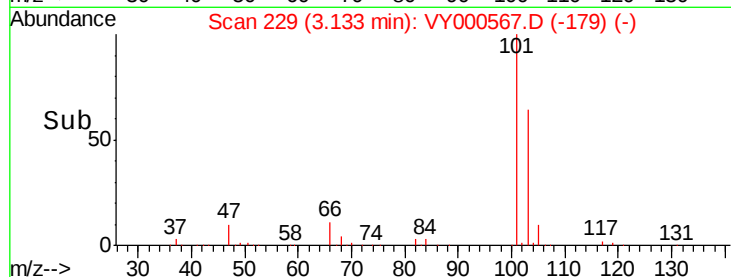
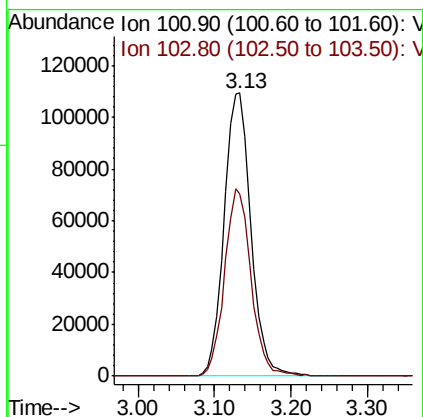
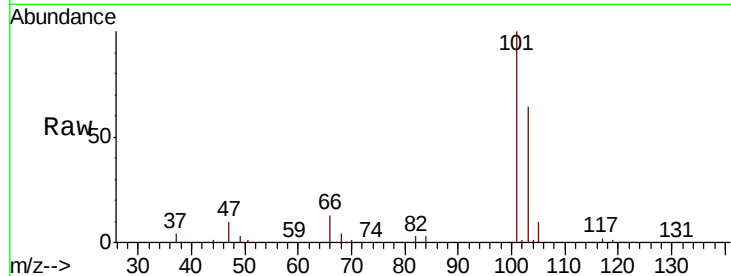


#7

Trichlorofluoromethane
Concen: 53.373 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

Instrument :
MSVOA_Y
ClientSampleId :

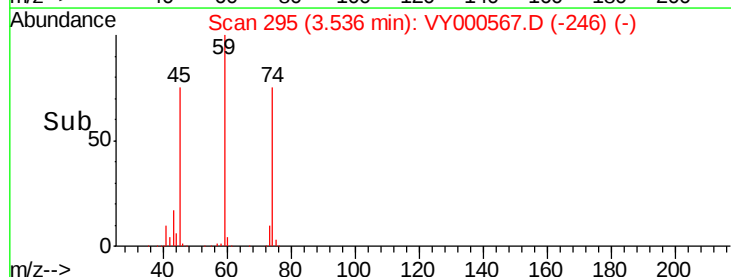
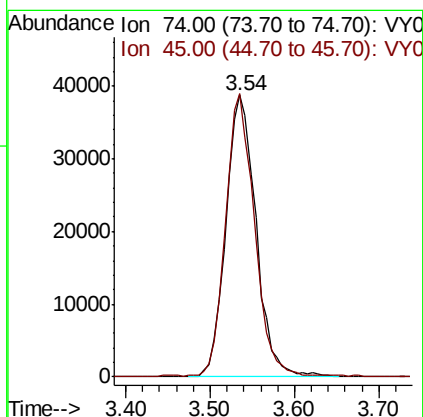
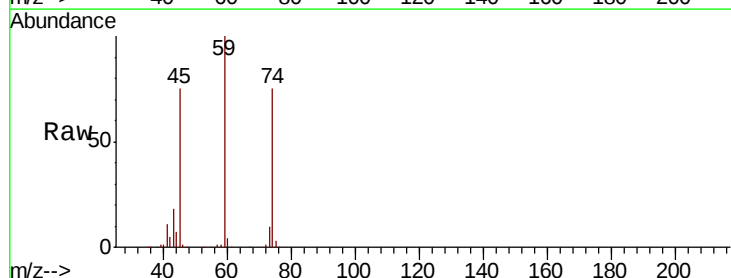
Tot Ion:101 Resp: 265281
Ion Ratio Lower Upper
101 100
103 64.5 50.5 75.7

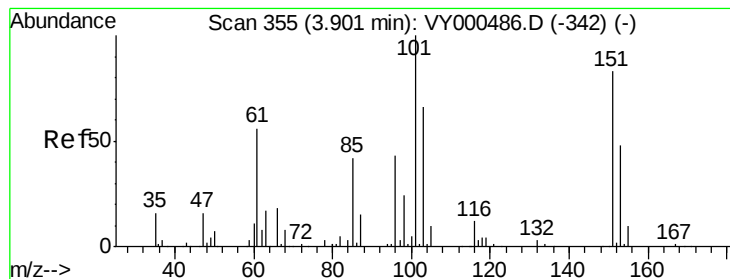


#8

Diethyl Ether
Concen: 52.803 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

Tgt Ion: 74 Resp: 93254
Ion Ratio Lower Upper
74 100
45 95.6 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.056 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

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ClientSampleId :

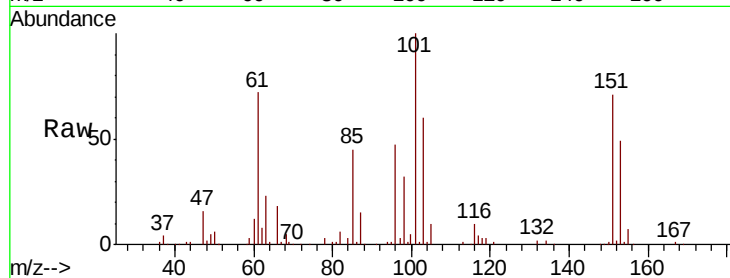
Tot Ion:101 Resp: 159428

Ion Ratio Lower Upper

101 100

85 44.5 36.7 55.1

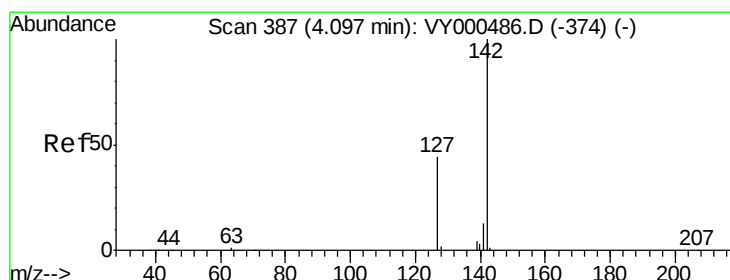
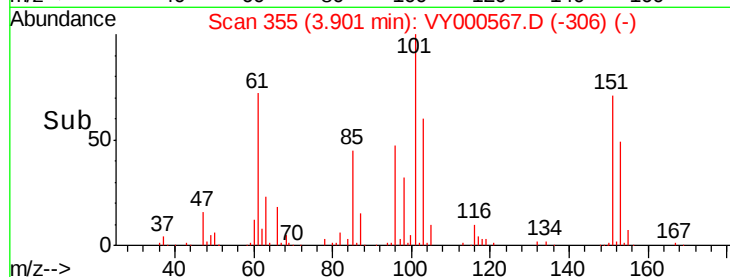
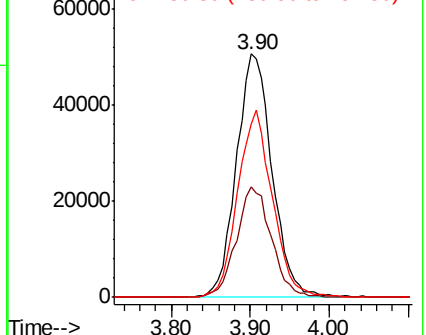
151 74.8 64.3 96.5



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: 46.707 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

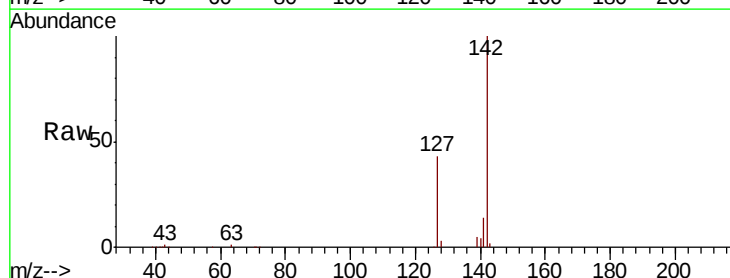
Tgt Ion:142 Resp: 183847

Ion Ratio Lower Upper

142 100

127 42.0 33.7 50.5

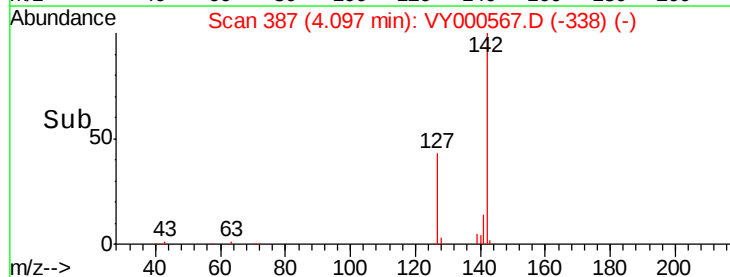
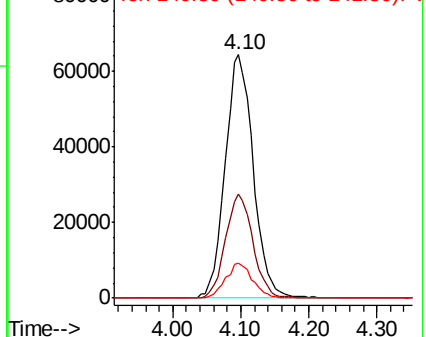
141 13.9 10.9 16.3

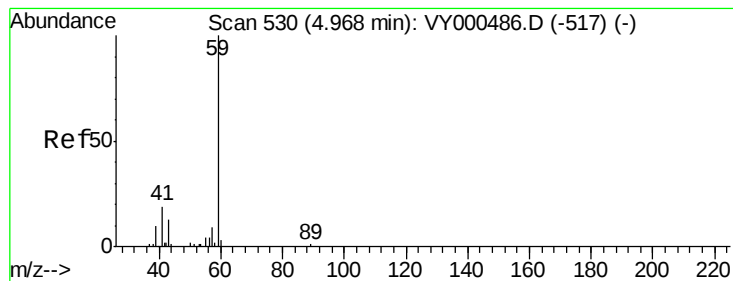


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



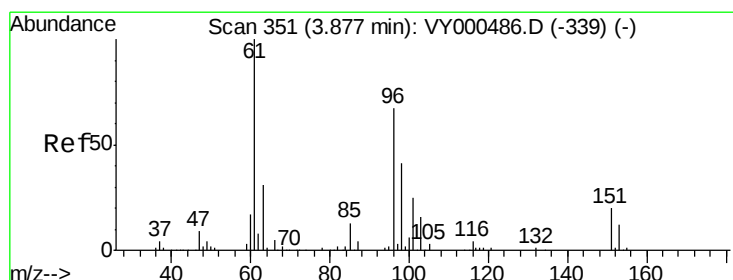
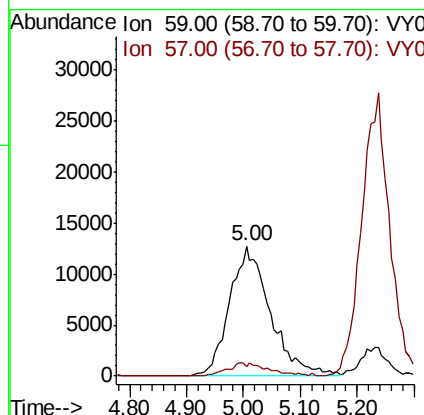
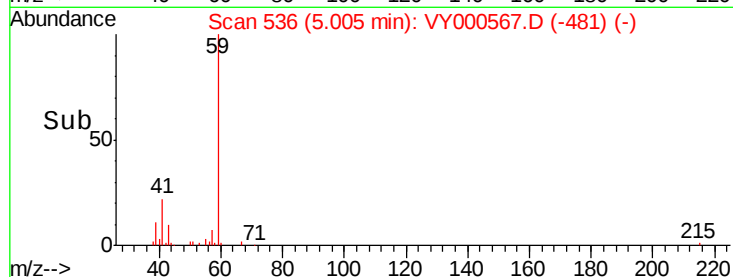
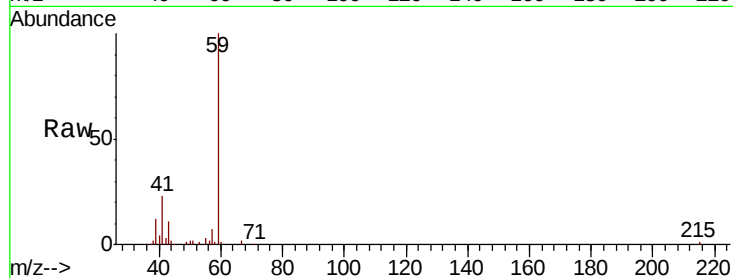


#11

Tert butyl alcohol
Concen: 215.335 ug/l
RT: 5.00 min Scan# 536
Delta R.T. 0.04 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

Instrument :
MSVOA_Y
ClientSampleId :

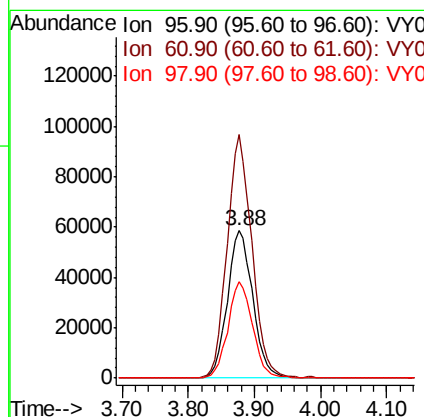
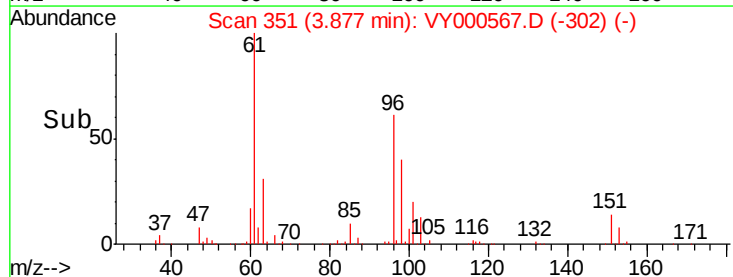
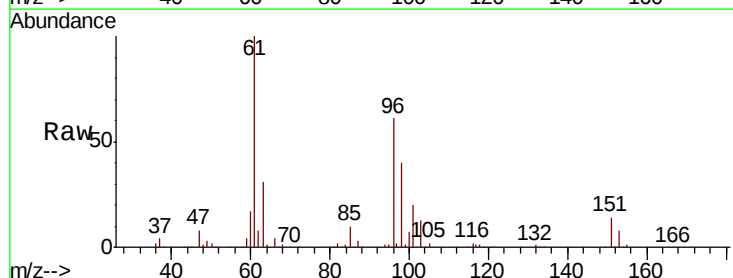
Tot Ion: 59 Resp: 63400
Ion Ratio Lower Upper
59 100
57 4.9 8.6 12.8#

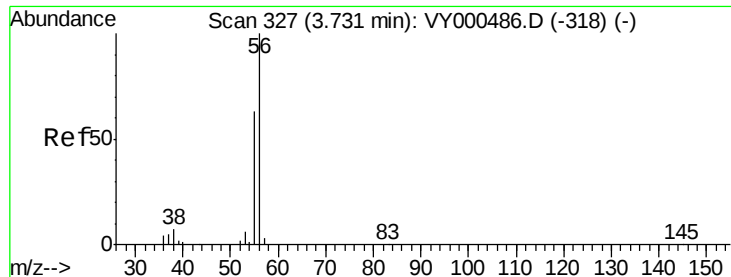


#12

1,1-Dichloroethene
Concen: 53.507 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

Tgt Ion: 96 Resp: 156209
Ion Ratio Lower Upper
96 100
61 165.1 119.2 178.8
98 65.7 48.6 73.0





#13

Acrolein

Concen: 270.428 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

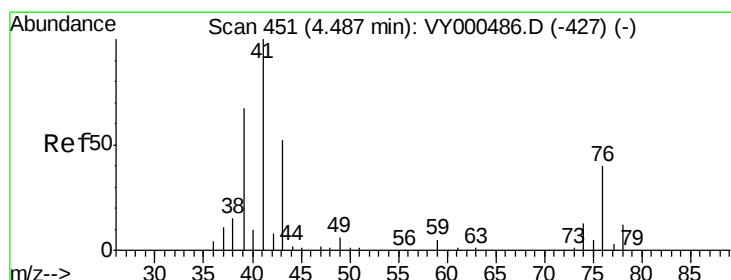
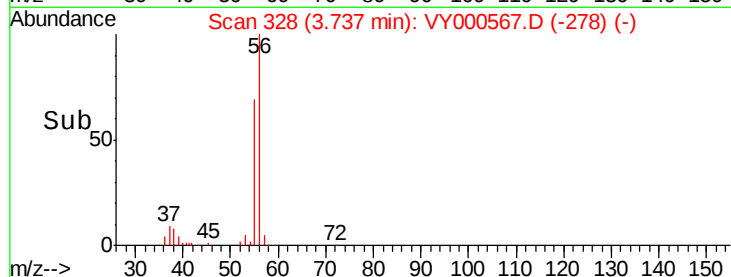
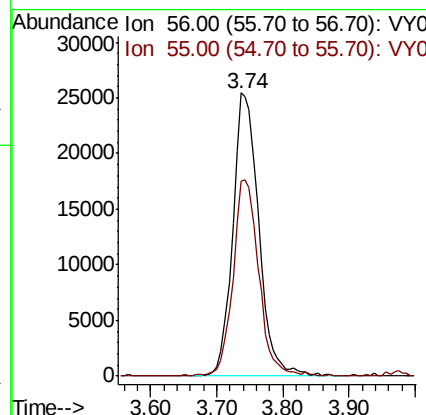
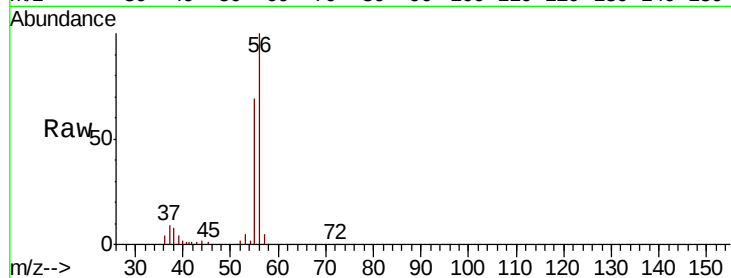
ClientSampled :

Tot Ion: 56 Resp: 69354

Ion Ratio Lower Upper

56 100

55 68.5 57.0 85.6



#14

Allyl chloride

Concen: 56.233 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

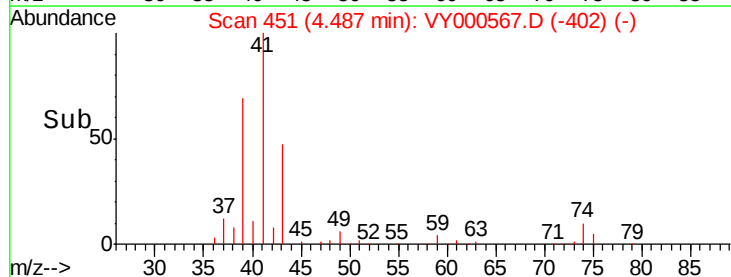
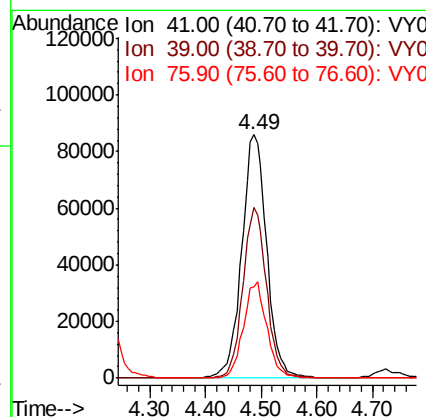
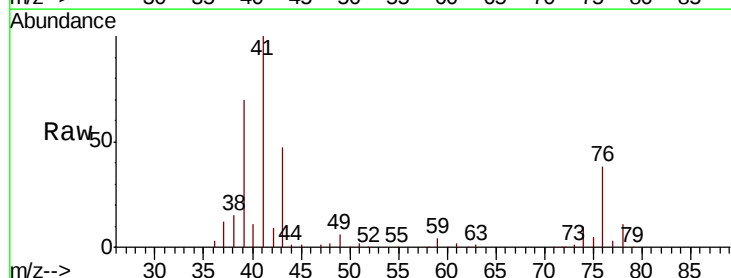
Tgt Ion: 41 Resp: 266948

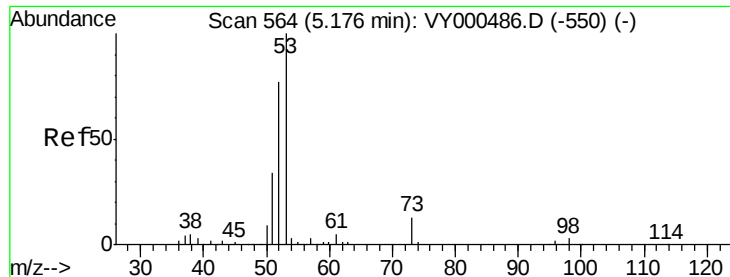
Ion Ratio Lower Upper

41 100

39 66.5 53.6 80.4

76 37.1 29.8 44.6





#15

Acrylonitrile

Concen: 250.573 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

ClientSampleId :

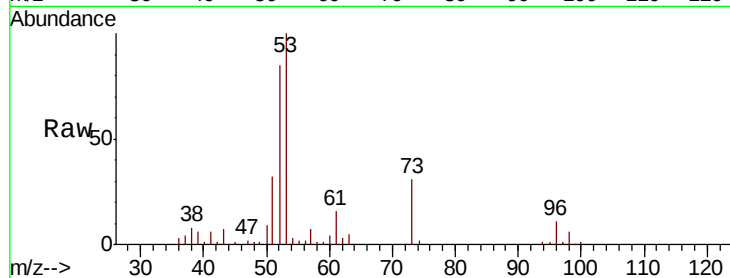
Tot Ion: 53 Resp: 226695

Ion Ratio Lower Upper

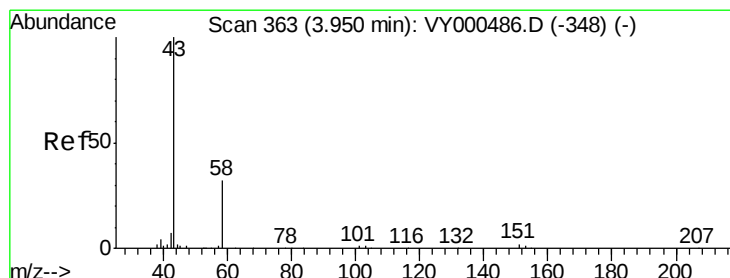
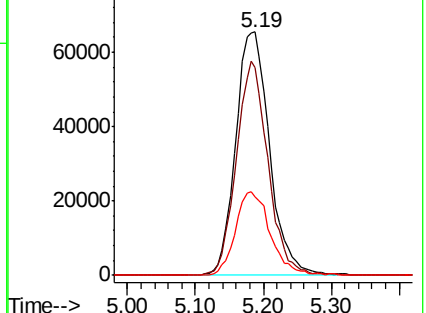
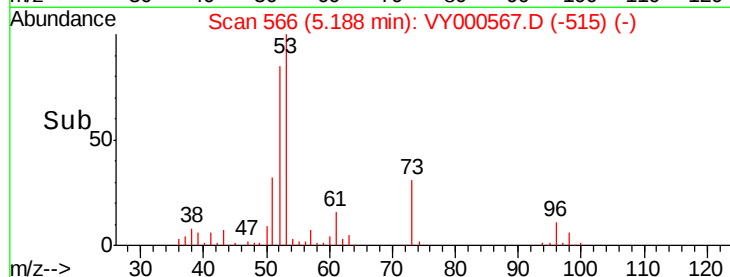
53 100

52 82.3 64.9 97.3

51 35.5 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY000567.D (-515) (-)



#16

Acetone

Concen: 243.183 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY000567.D

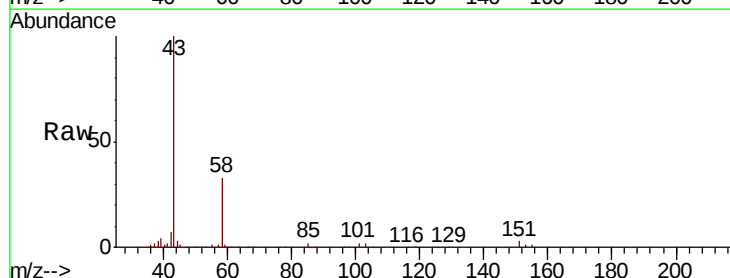
Acq: 07 Nov 2019 09:49

Tgt Ion: 43 Resp: 202720

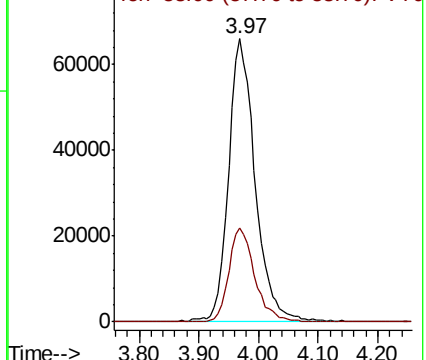
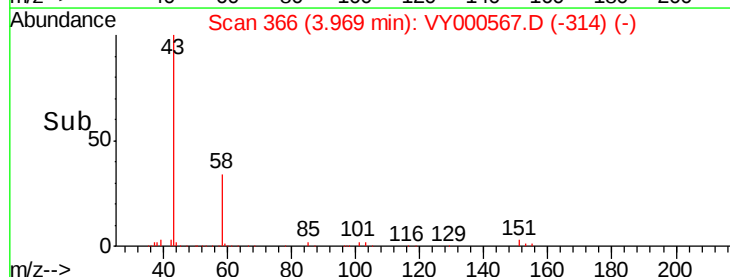
Ion Ratio Lower Upper

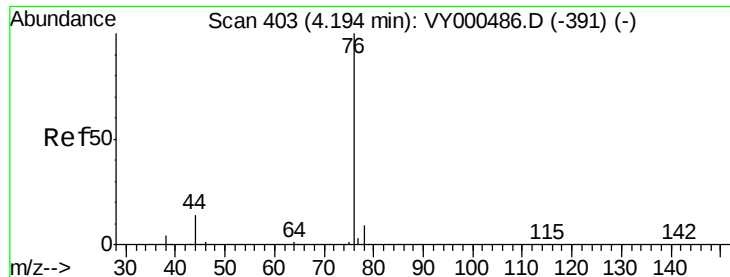
43 100

58 33.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000567.D (-314) (-)

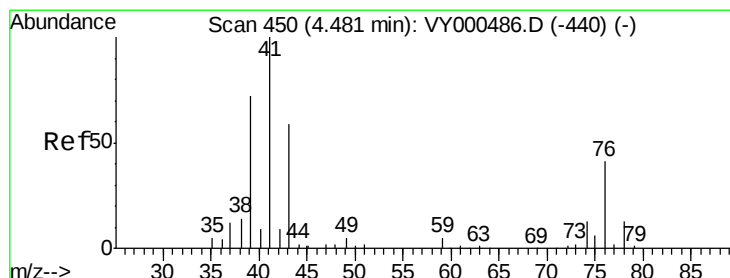
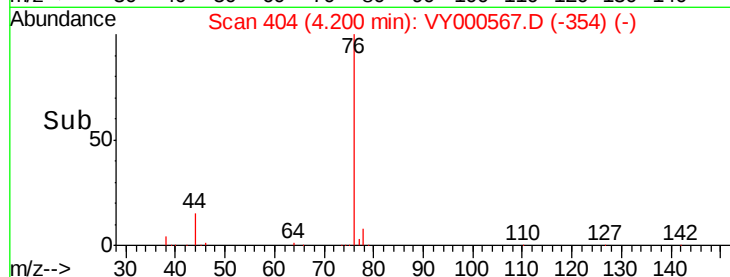
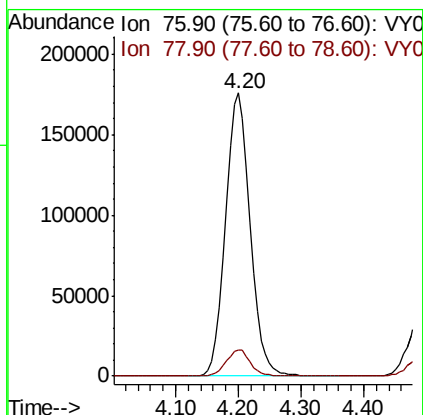
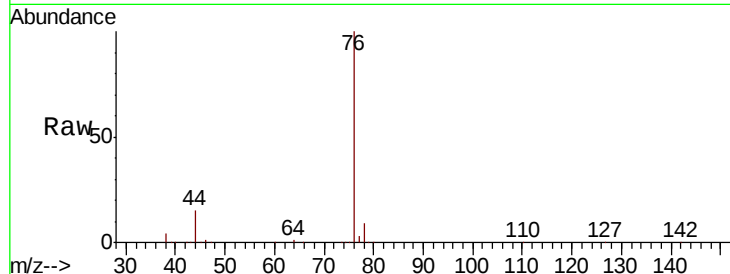




#17
Carbon Disulfide
Concen: 51.833 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

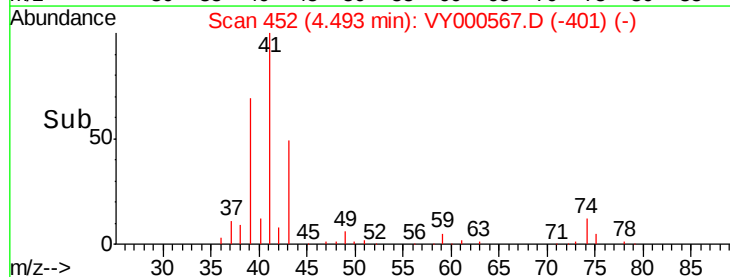
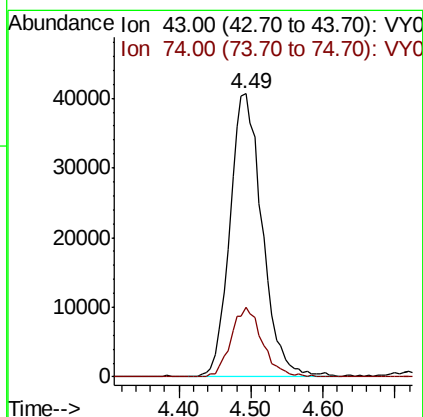
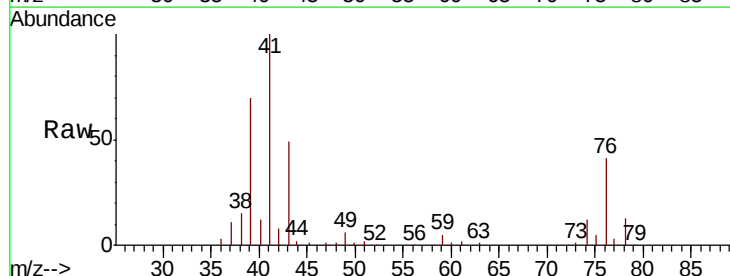
Instrument :
MSVOA_Y
ClientSampleId :

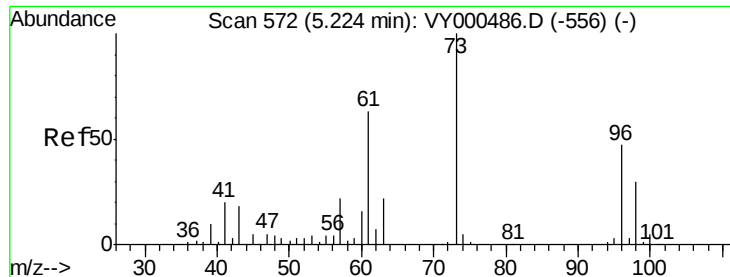
Tot Ion: 76 Resp: 477270
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 48.989 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

Tgt Ion: 43 Resp: 126977
Ion Ratio Lower Upper
43 100
74 23.3 19.2 28.8

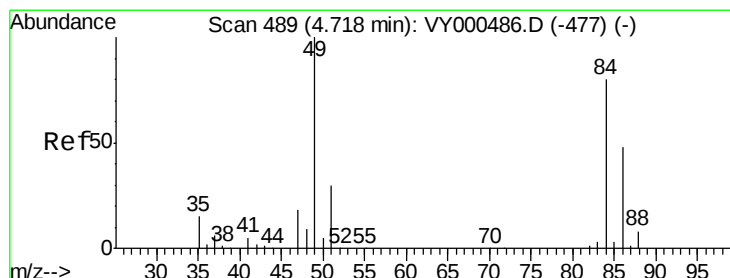
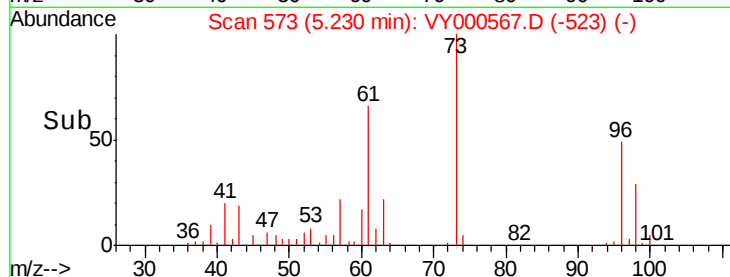
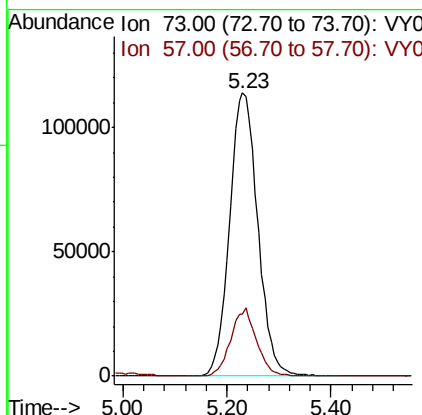
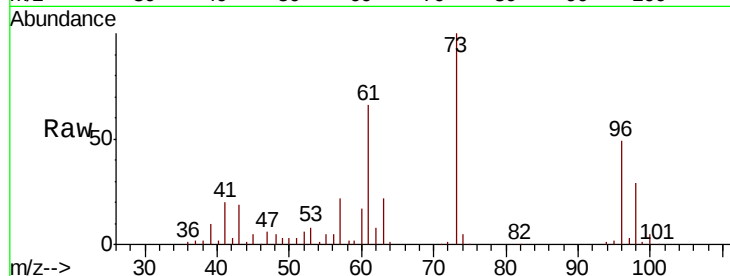




#19
Methvl tert-butvl Ether
Concen: 53.028 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

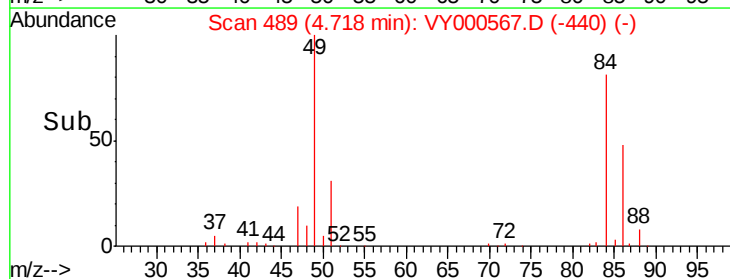
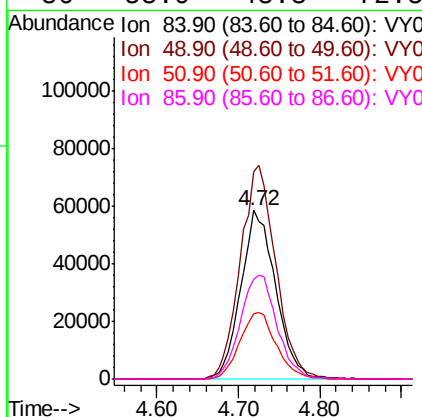
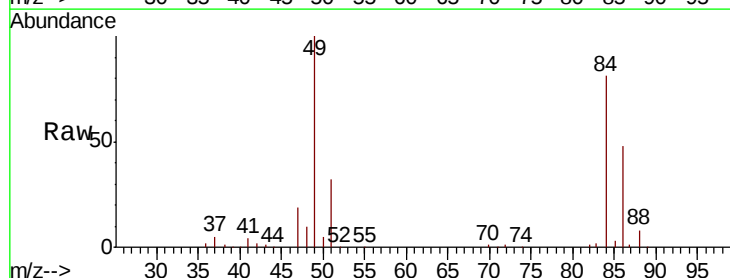
Instrument :
MSVOA_Y
ClientSampled :

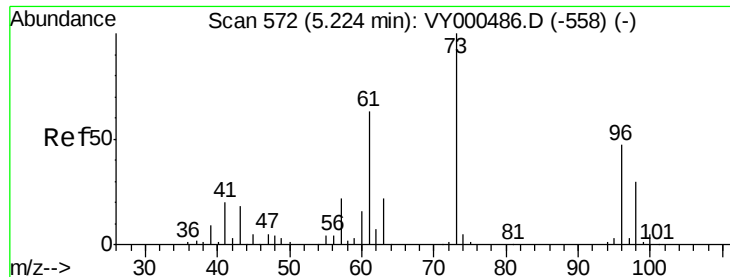
Tot Ion: 73 Resp: 430437
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0



#20
Methylene Chloride
Concen: 48.623 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

Tgt Ion: 84 Resp: 173679
Ion Ratio Lower Upper
84 100
49 123.0 100.2 150.4
51 38.9 29.6 44.4
86 58.9 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 52.089 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :
MSVOA_Y
ClientSampled :

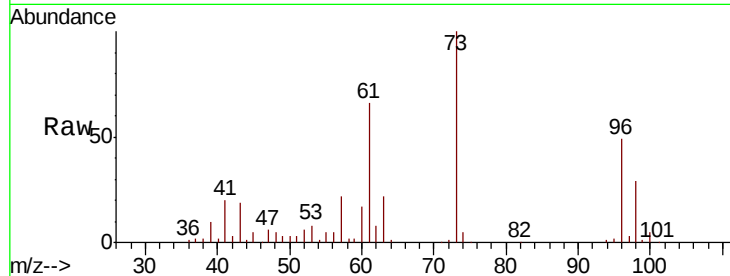
Tot Ion: 96 Resp: 171920

Ion Ratio Lower Upper

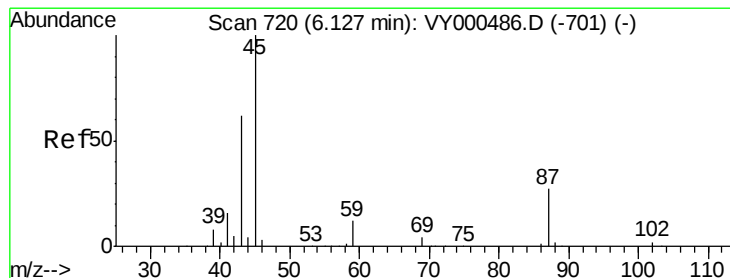
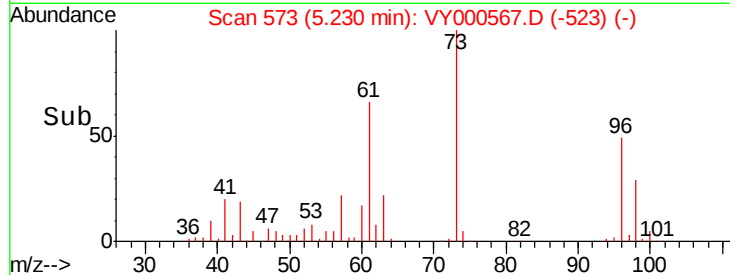
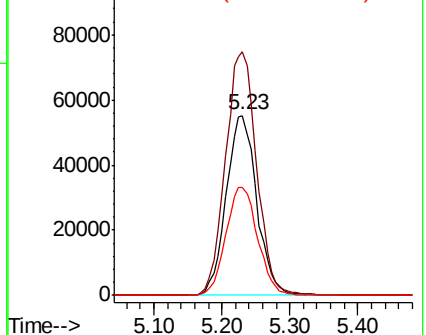
96 100

61 135.3 106.6 160.0

98 60.1 50.6 76.0



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



#22

Diisopropyl ether

Concen: 56.451 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Tgt Ion: 45 Resp: 582470

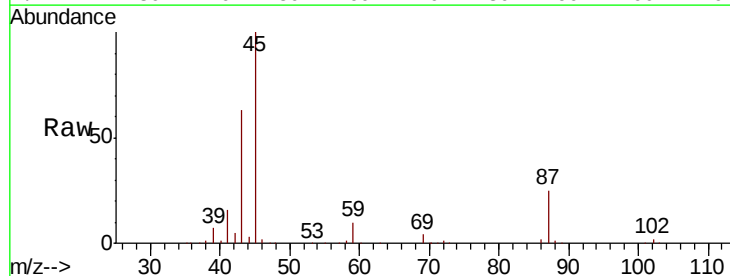
Ion Ratio Lower Upper

45 100

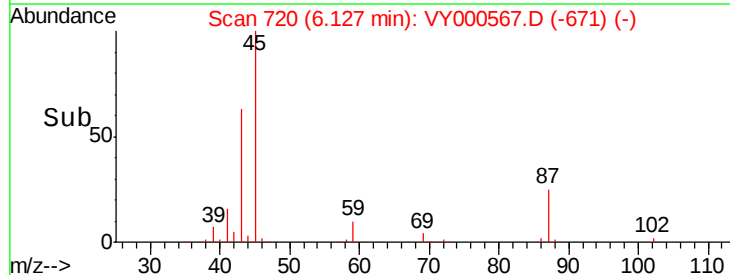
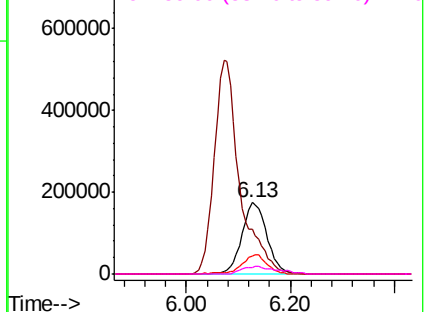
43 62.4 50.0 75.0

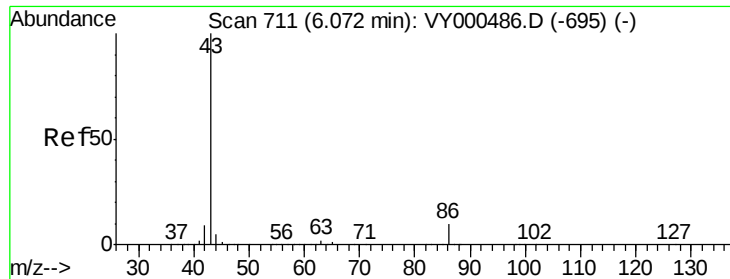
87 25.3 21.6 32.4

59 9.4 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: 274.421 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

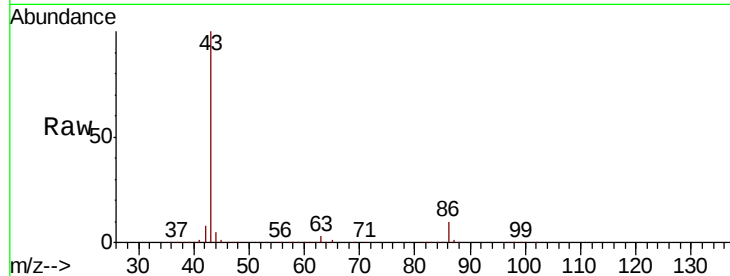
ClientSampleId :

Tot Ion: 43 Resp: 1787402

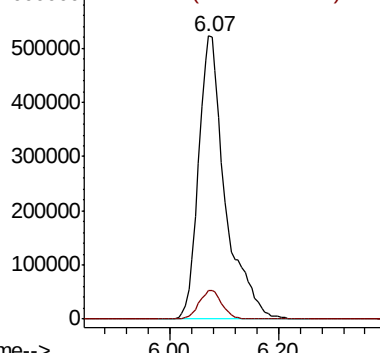
Ion Ratio Lower Upper

43 100

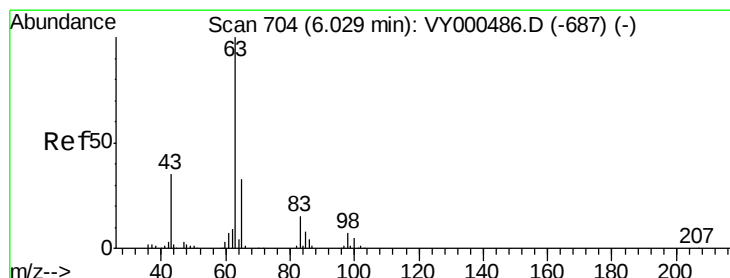
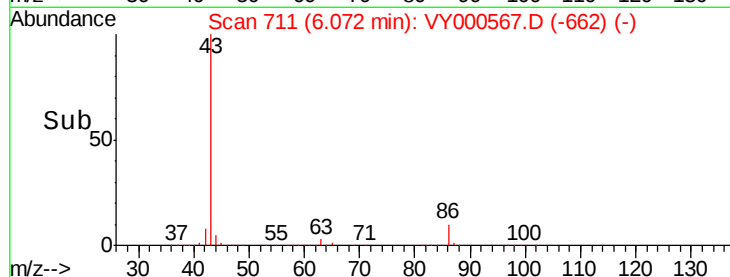
86 10.2 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 54.456 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

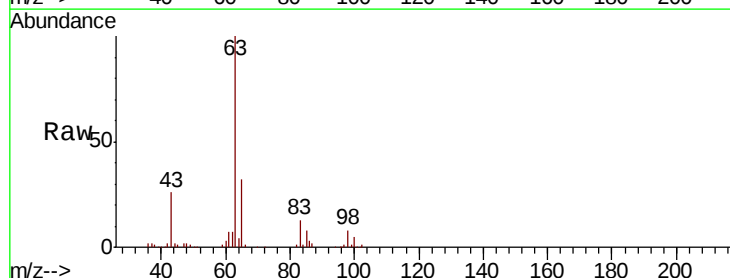
Tgt Ion: 63 Resp: 304396

Ion Ratio Lower Upper

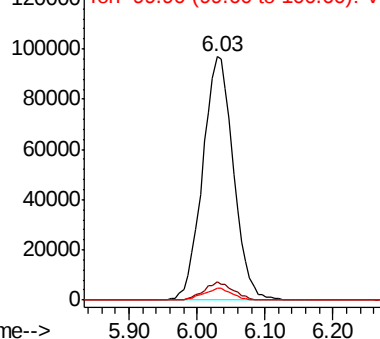
63 100

98 7.7 3.5 10.6

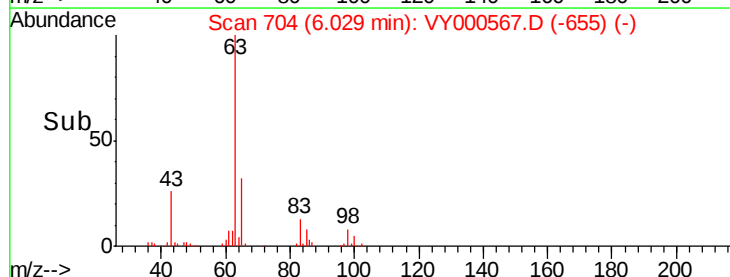
100 5.0 2.4 7.1

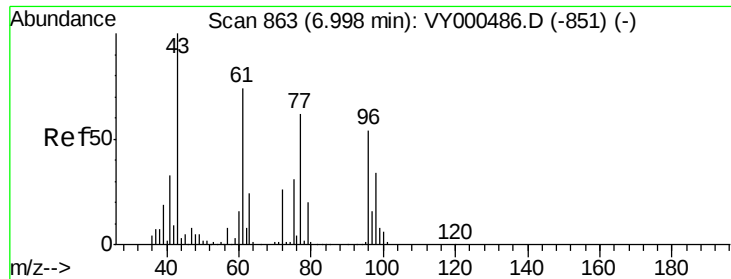


Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 270.745 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

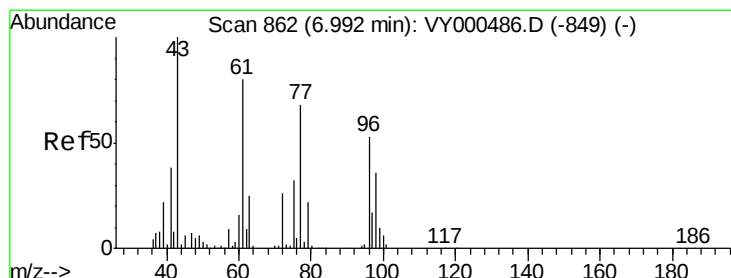
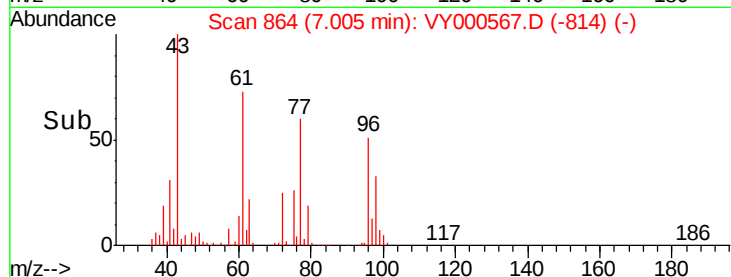
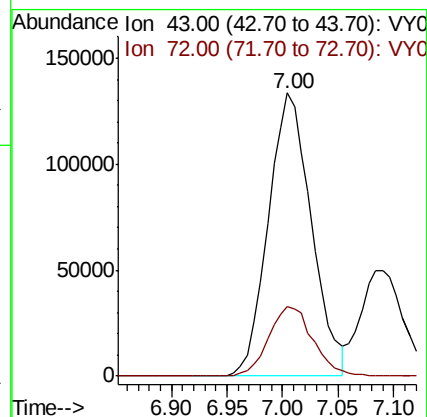
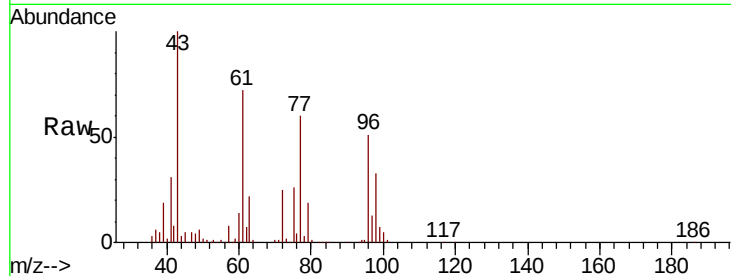
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 360196

Ion Ratio Lower Upper

43 100

72 24.8 20.9 31.3



#26

2,2-Dichloropropane

Concen: 54.329 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000567.D

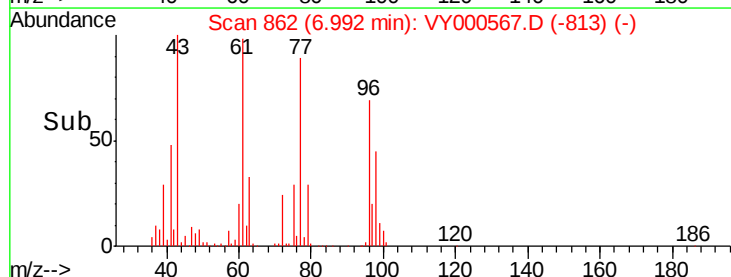
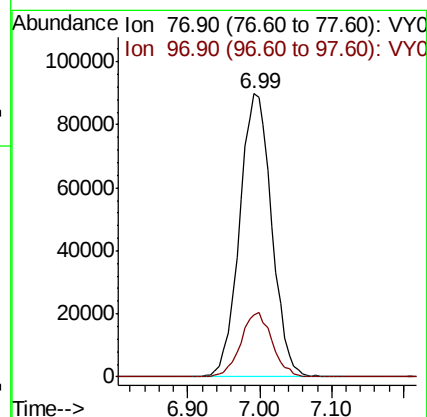
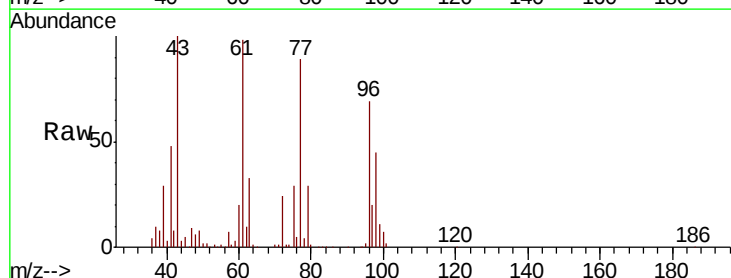
Acq: 07 Nov 2019 09:49

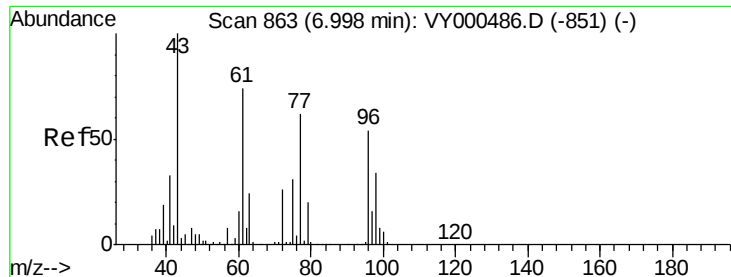
Tgt Ion: 77 Resp: 277529

Ion Ratio Lower Upper

77 100

97 22.2 11.8 35.4



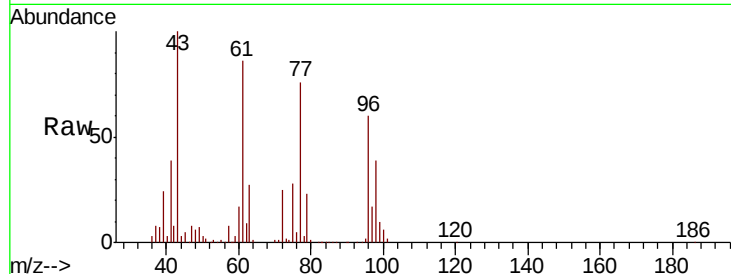


#27

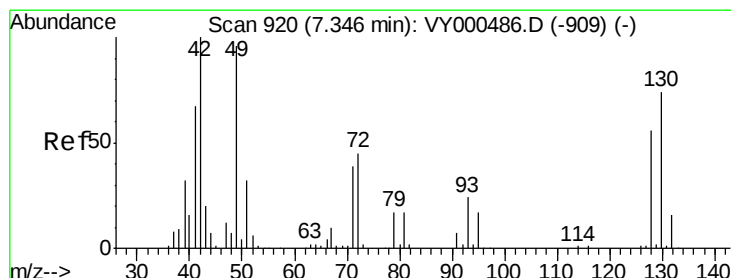
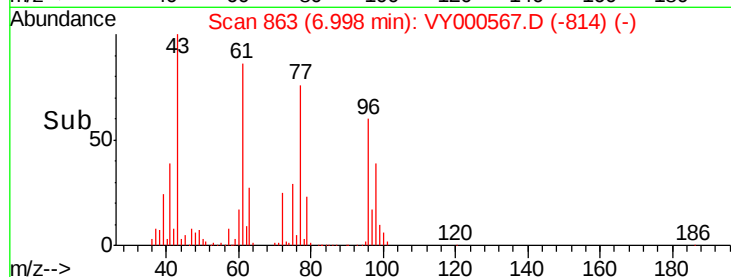
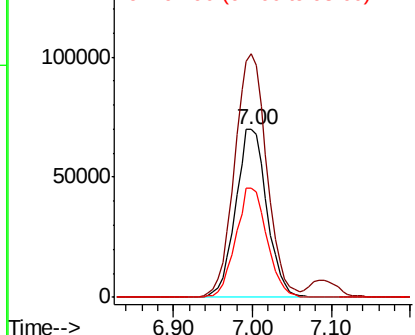
cis-1,2-Dichloroethene
Concen: 53.247 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 192168
Ion Ratio Lower Upper
96 100
61 149.4 0.0 287.0
98 65.4 0.0 129.4



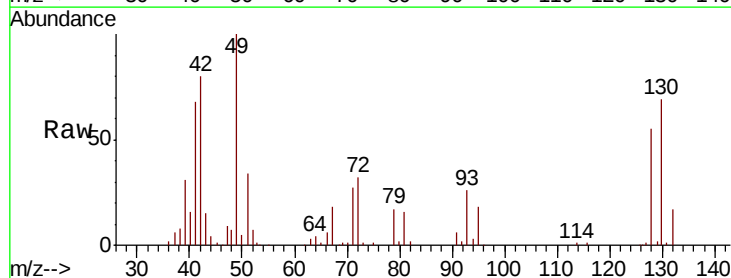
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



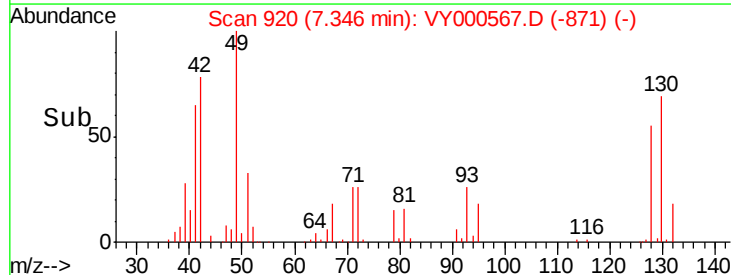
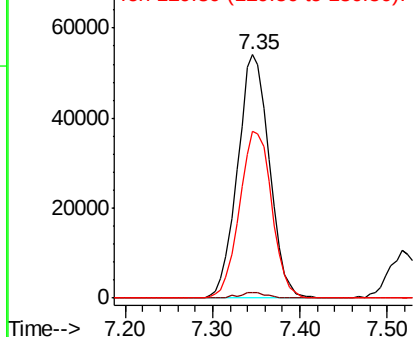
#28

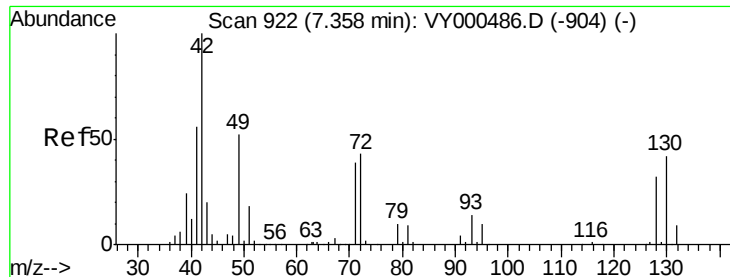
Bromochloromethane
Concen: 53.324 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

Tgt Ion: 49 Resp: 136694
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.6
130 69.5 59.4 89.0



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





#29

Tetrahydrofuran

Concen: 242.908 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

ClientSampleId :

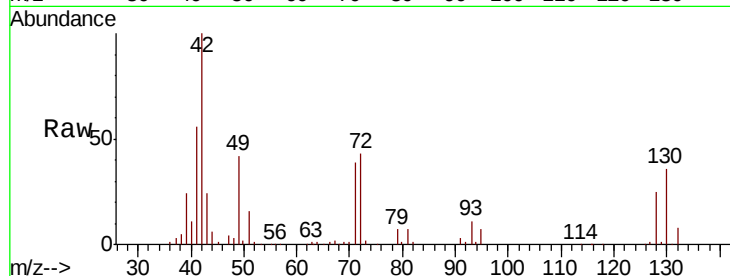
Tot Ion: 42 Resp: 197698

Ion Ratio Lower Upper

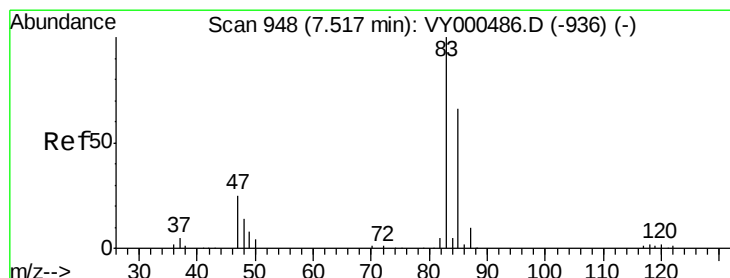
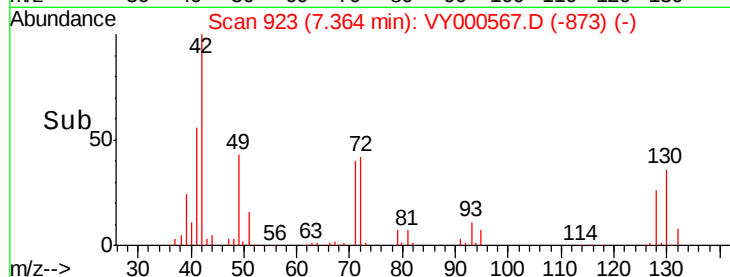
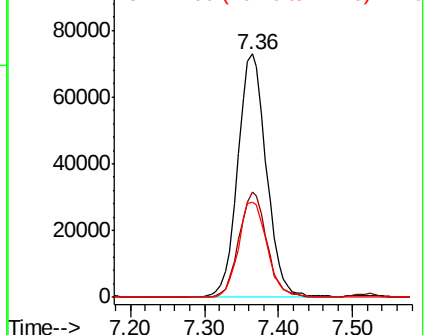
42 100

72 41.9 34.0 51.0

71 39.1 30.8 46.2



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



#30

Chloroform

Concen: 53.565 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY000567.D

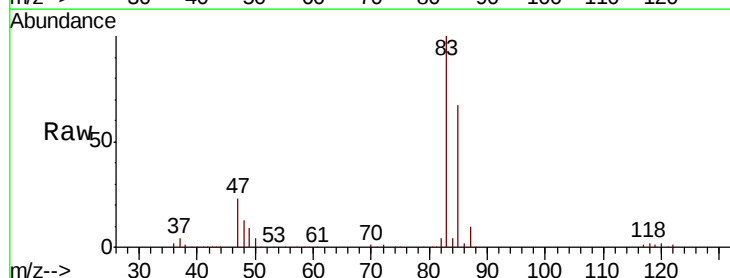
Acq: 07 Nov 2019 09:49

Tgt Ion: 83 Resp: 302890

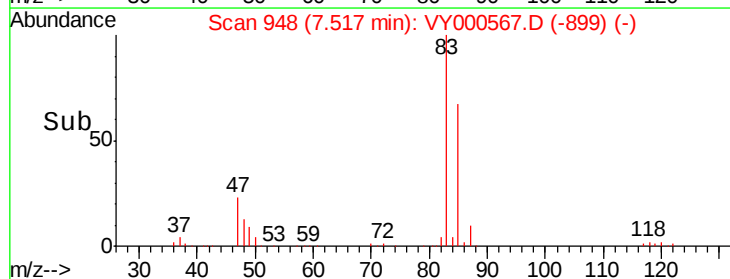
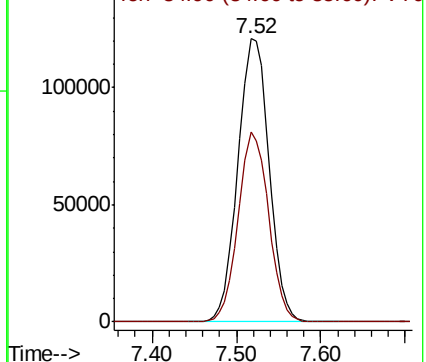
Ion Ratio Lower Upper

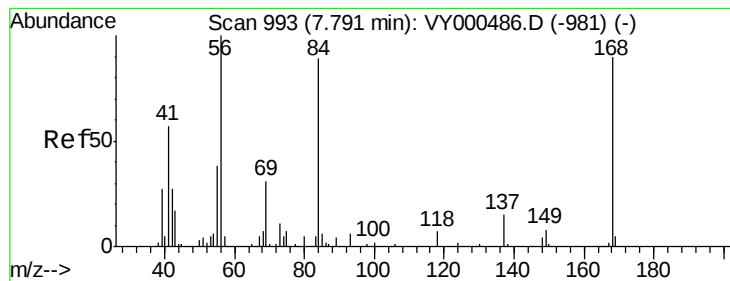
83 100

85 67.1 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: 52.506 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :
MSVOA_Y
ClientSampleId :

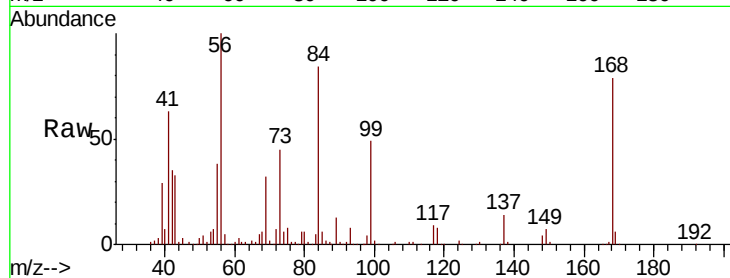
Tot Ion: 56 Resp: 307401

Ion Ratio Lower Upper

56 100

69 31.9 25.0 37.6

84 82.2 71.4 107.2

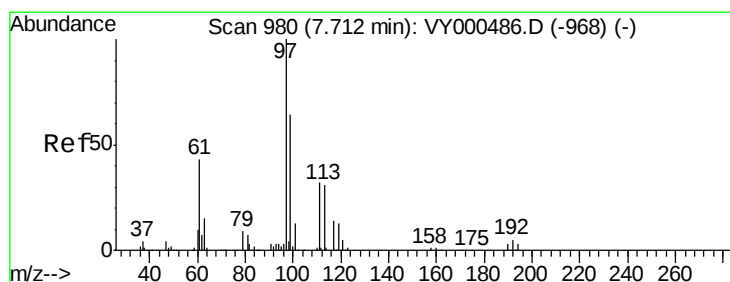
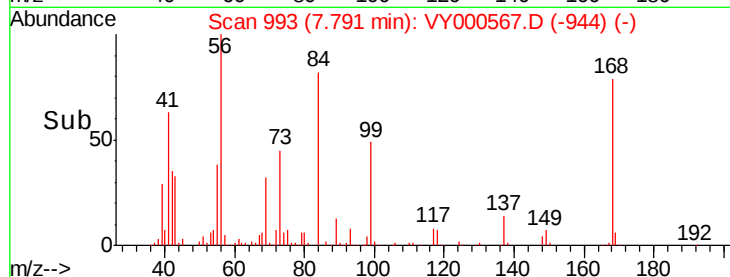
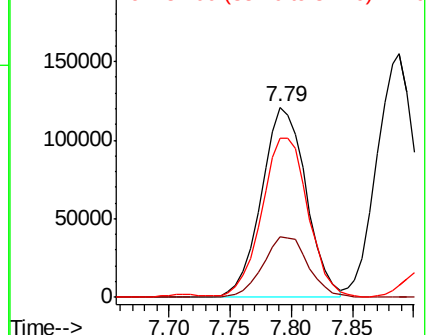


Abundance

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: 53.508 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

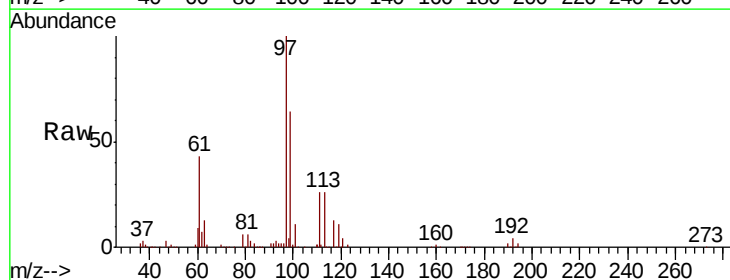
Tgt Ion: 97 Resp: 269658

Ion Ratio Lower Upper

97 100

99 65.3 50.9 76.3

61 43.1 34.9 52.3

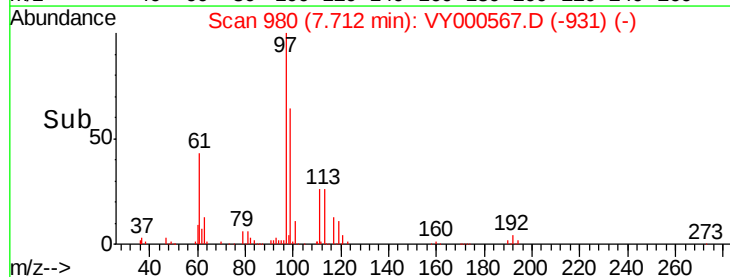
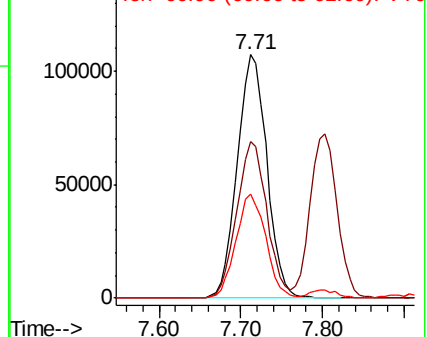


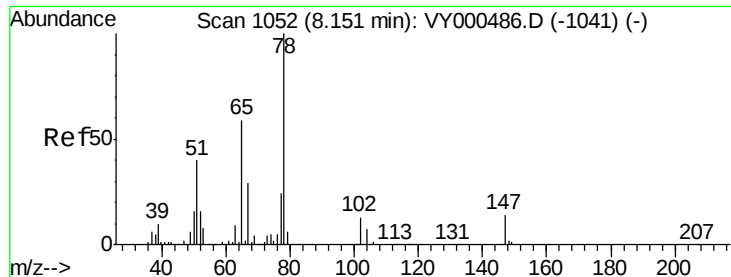
Abundance

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

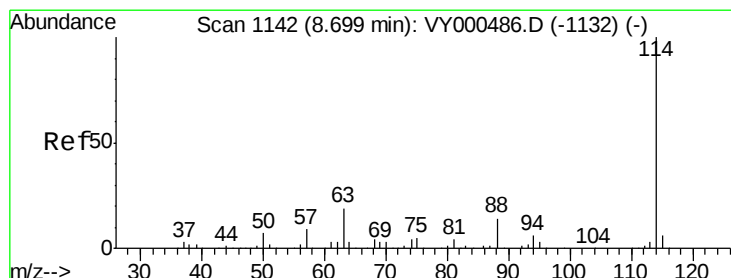
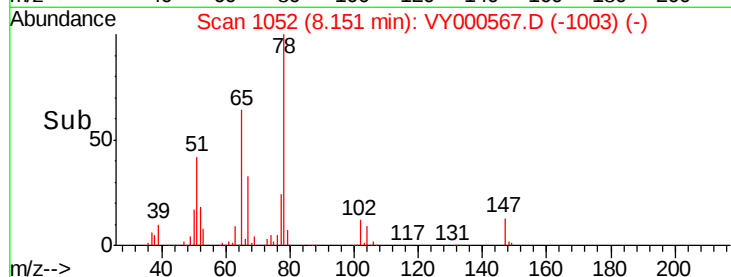
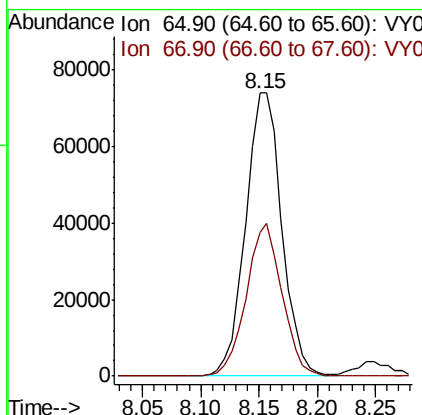
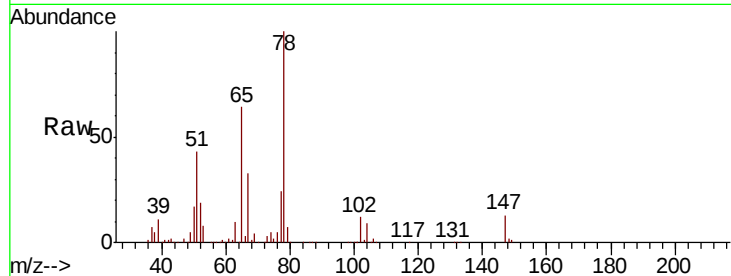




#33
 1,2-Dichloroethane-d4
 Concen: 52.985 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000567.D
 Acq: 07 Nov 2019 09:49

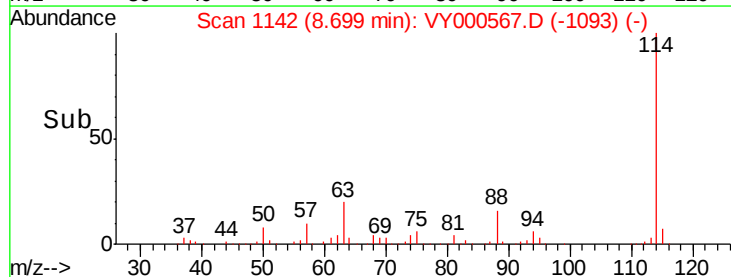
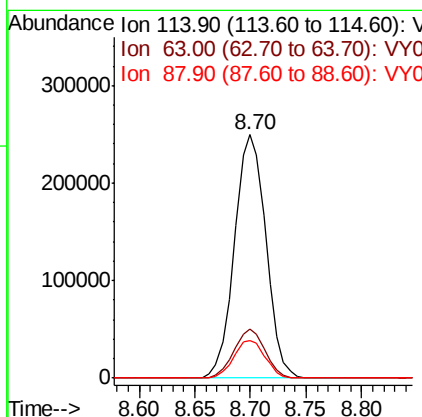
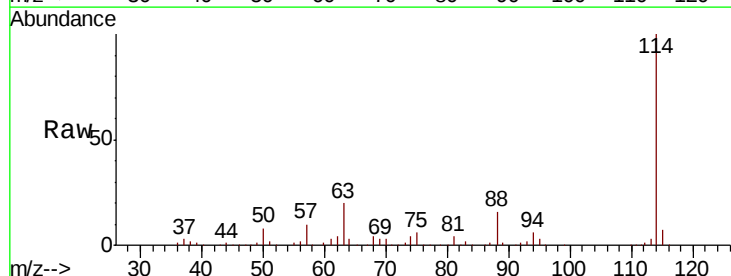
Instrument :
 MSVOA_Y
 ClientSampled :

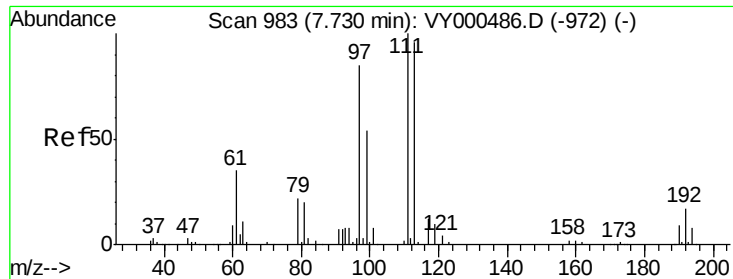
Tot Ion: 65 Resp: 160257
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000567.D
 Acq: 07 Nov 2019 09:49

Tgt Ion: 114 Resp: 487259
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.0
 88 15.5 0.0 28.6

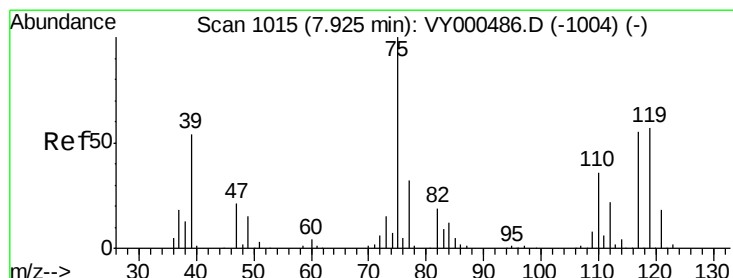
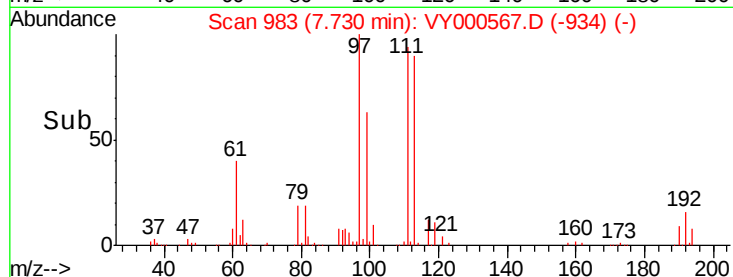
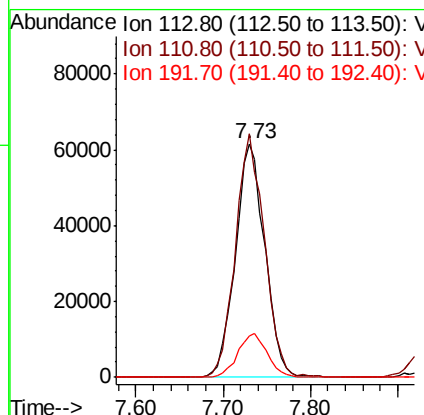
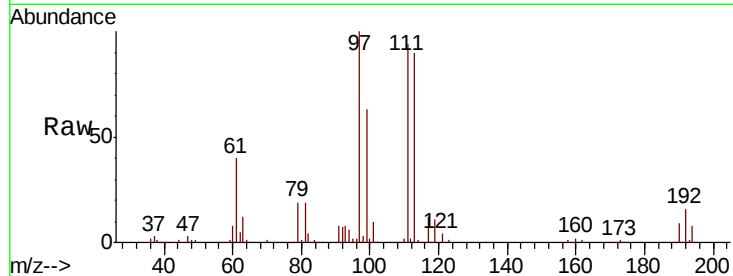




#35
 Dibromofluoromethane
 Concen: 50.487 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000567.D
 Acq: 07 Nov 2019 09:49

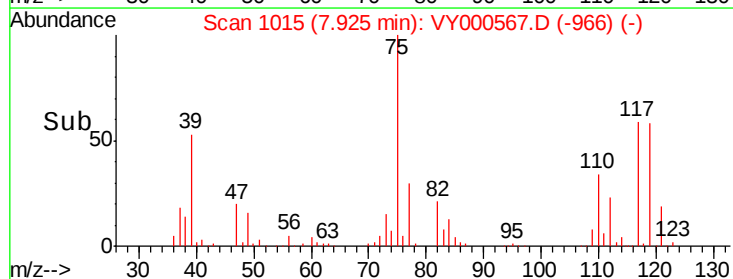
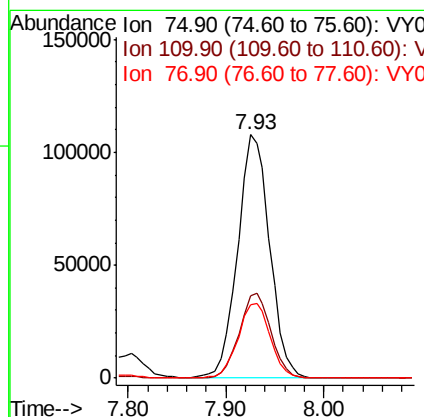
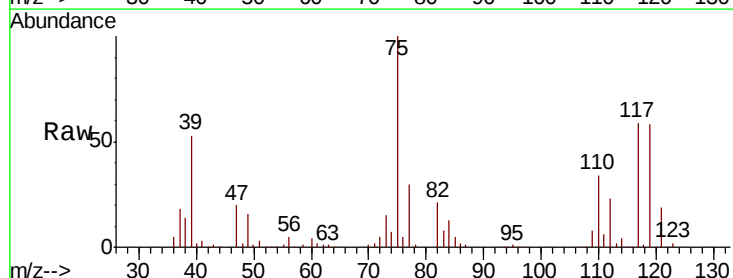
Instrument :
 MSVOA_Y
 ClientSampleId :

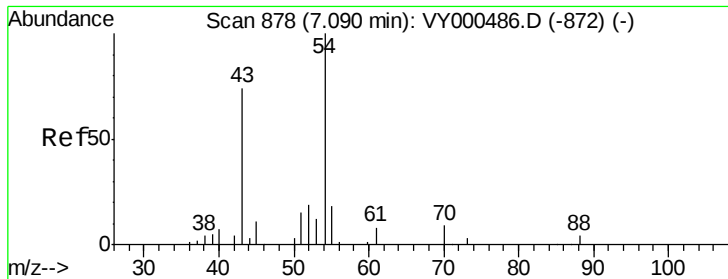
Tot Ion:113 Resp: 144419
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.7 122.5
 192 18.7 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 53.069 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000567.D
 Acq: 07 Nov 2019 09:49

Tgt Ion: 75 Resp: 244454
 Ion Ratio Lower Upper
 75 100
 110 34.4 18.1 54.1
 77 31.2 25.0 37.6

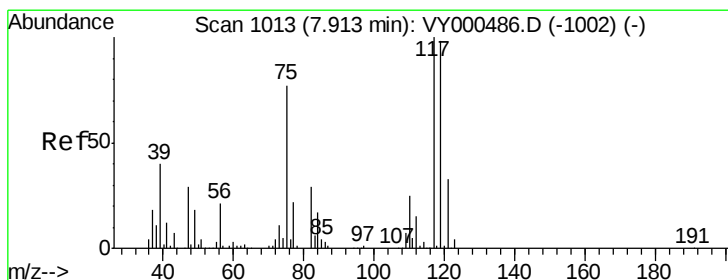
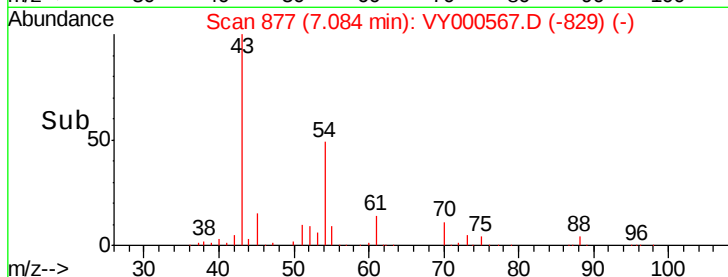
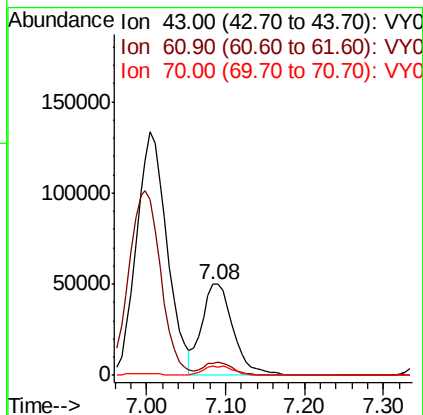
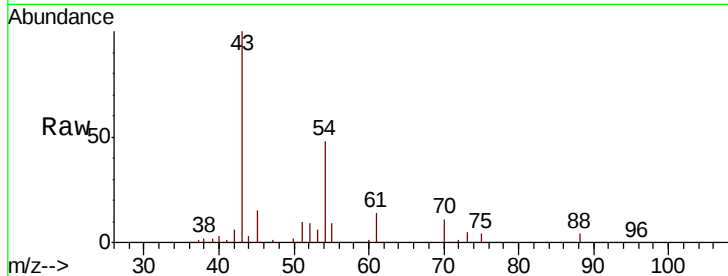




#37
Ethyl Acetate
Concen: 51.066 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

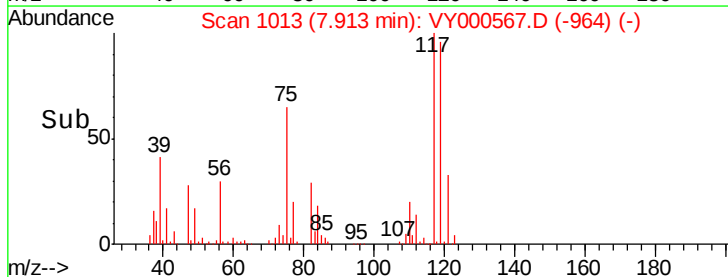
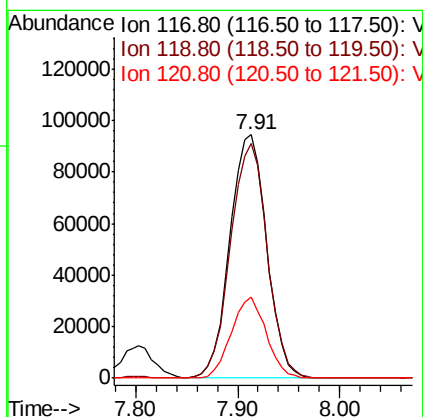
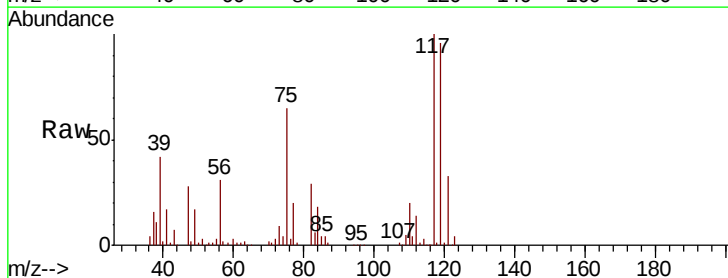
Instrument :
MSVOA_Y
ClientSampleId :

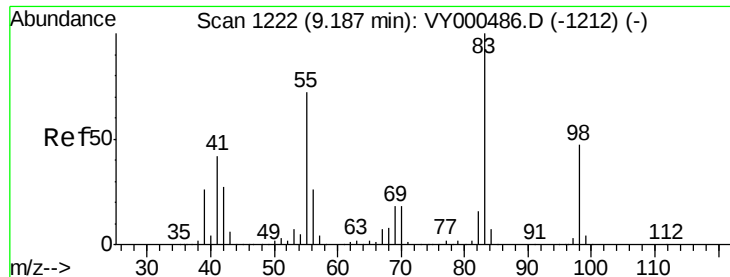
Tot Ion: 43 Resp: 139653
Ion Ratio Lower Upper
43 100
61 13.6 10.2 15.2
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 53.309 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

Tgt Ion: 117 Resp: 236282
Ion Ratio Lower Upper
117 100
119 96.3 78.0 117.0
121 33.2 26.6 40.0

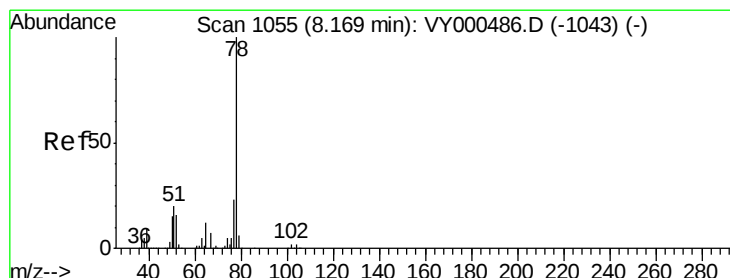
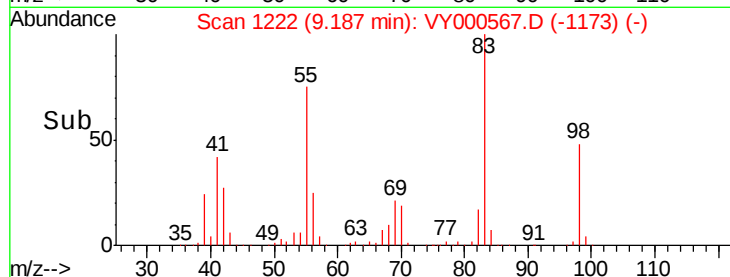
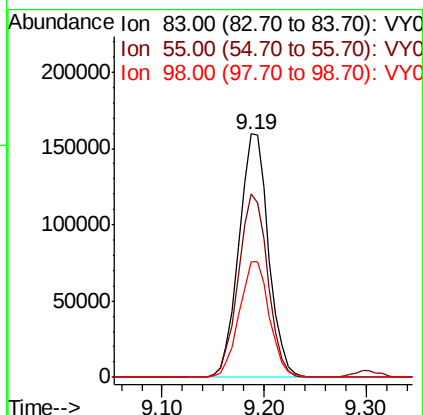
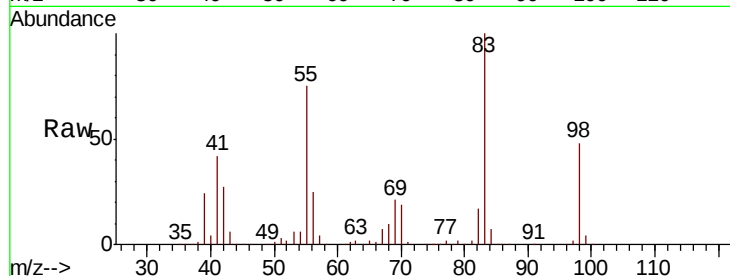




#39
Methvlcvclohexane
Concen: 53.971 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

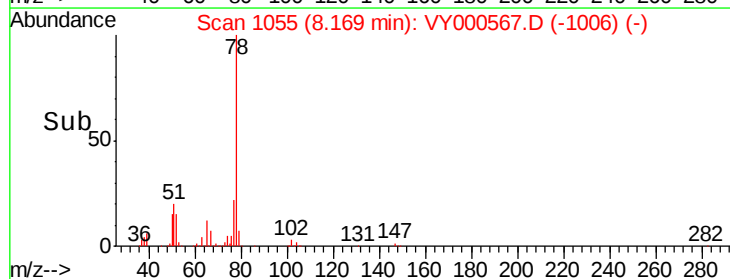
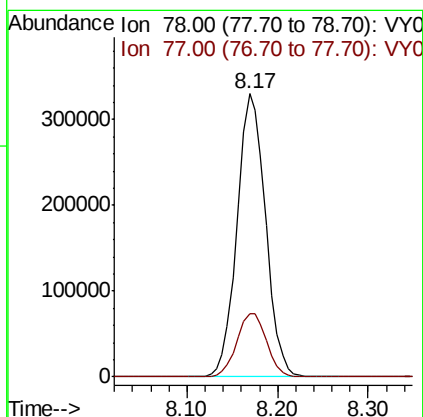
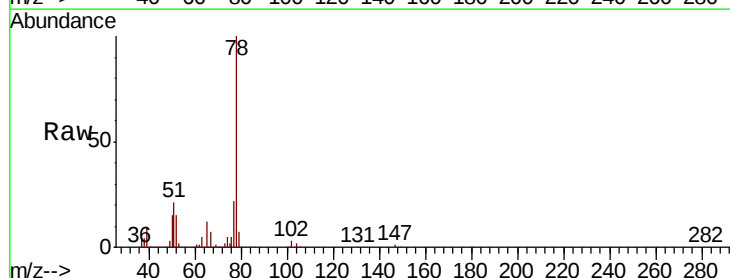
Instrument :
MSVOA_Y
ClientSampleId :

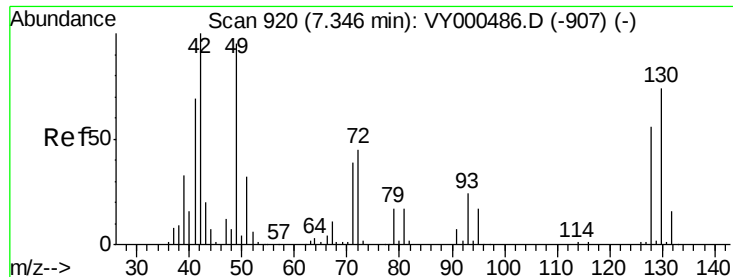
Tot Ion: 83 Resp: 321181
Ion Ratio Lower Upper
83 100
55 75.2 57.5 86.3
98 47.5 38.0 57.0



#40
Benzene
Concen: 53.149 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

Tgt Ion: 78 Resp: 717761
Ion Ratio Lower Upper
78 100
77 22.3 18.6 28.0





#41

Methacrylonitrile

Concen: 120.516 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

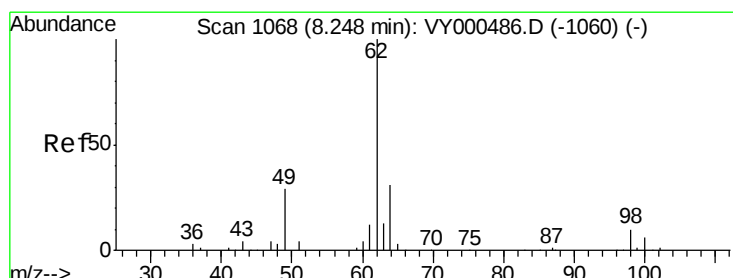
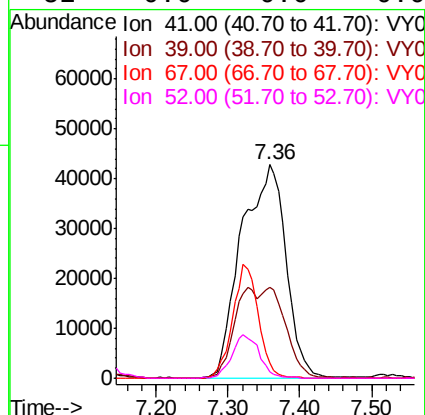
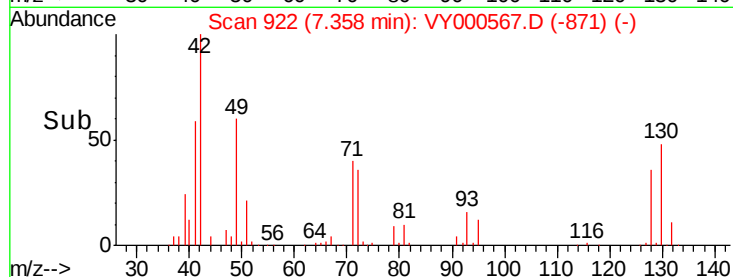
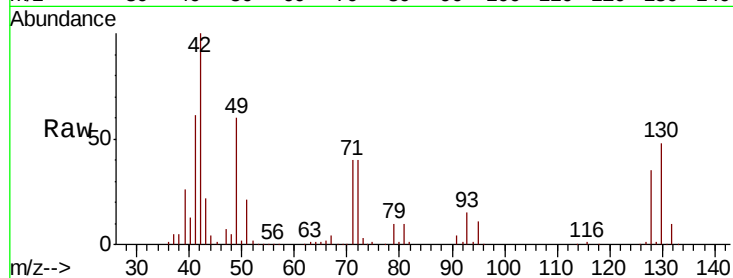
Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 183863

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: 53.606 ug/l

RT: 8.25 min Scan# 1069

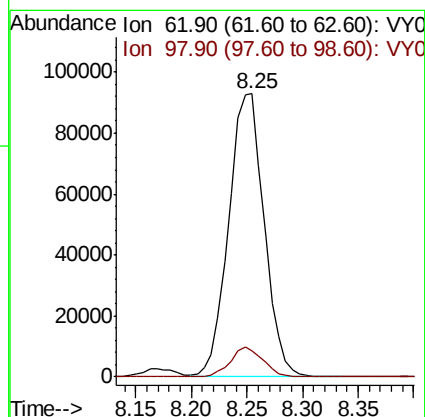
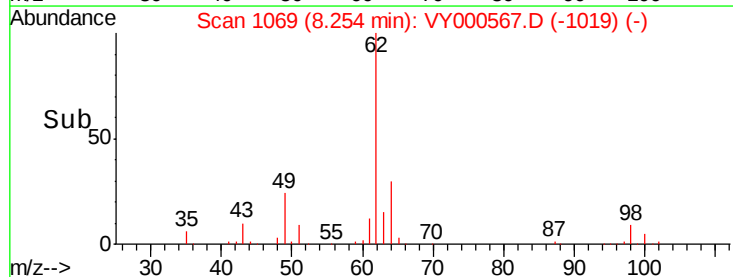
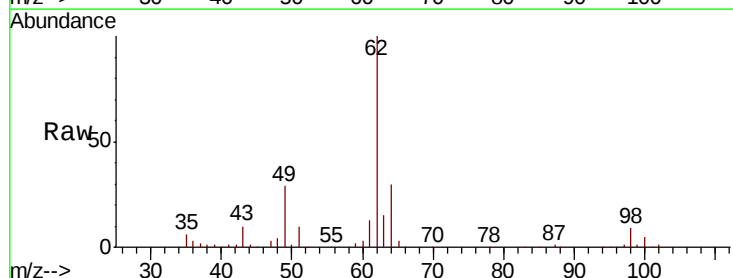
Delta R.T. 0.01 min

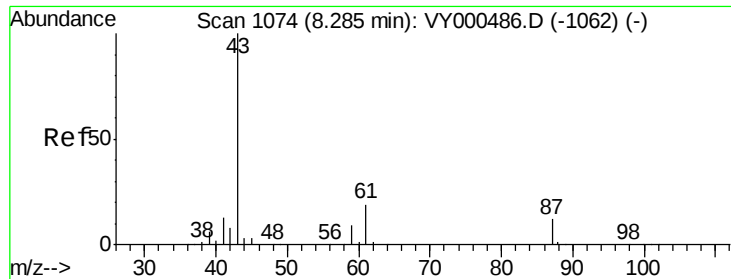
Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Tgt Ion: 62 Resp: 205327

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 52.330 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

ClientSampleId :

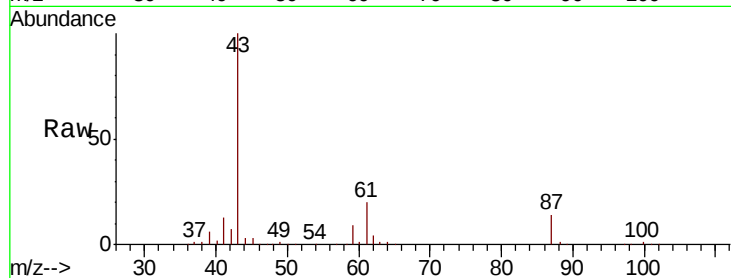
Tot Ion: 43 Resp: 268835

Ion Ratio Lower Upper

43 100

61 28.2 23.0 34.4

87 13.3 10.5 15.7

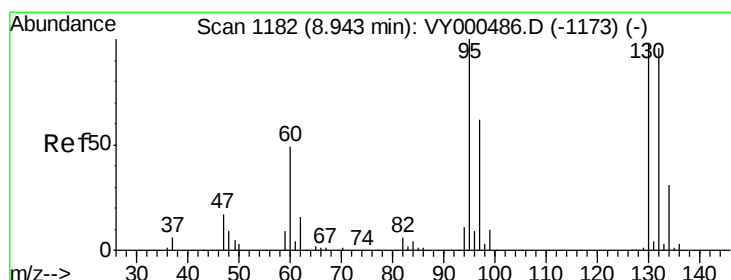
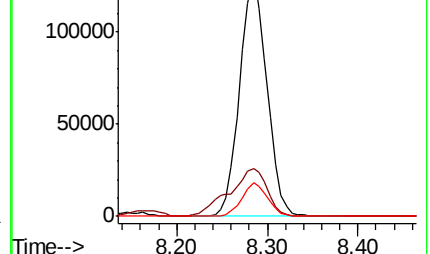
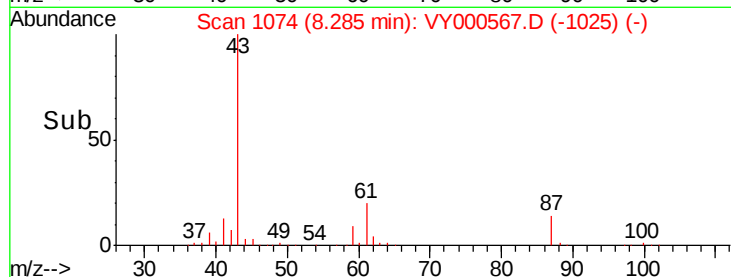


Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000486.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000486.D (-1062) (-)

8.28



#44

Trichloroethene

Concen: 51.519 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000567.D

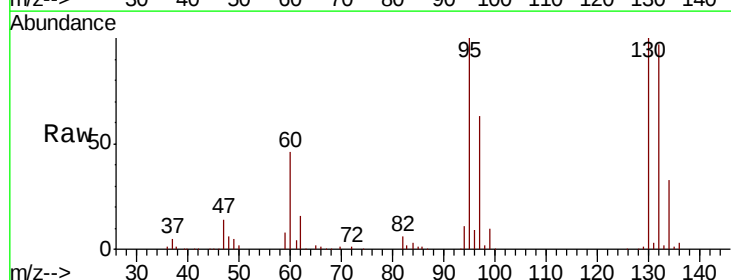
Acq: 07 Nov 2019 09:49

Tgt Ion:130 Resp: 183441

Ion Ratio Lower Upper

130 100

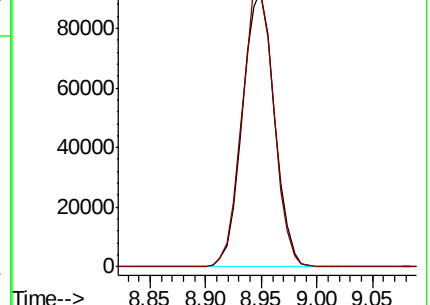
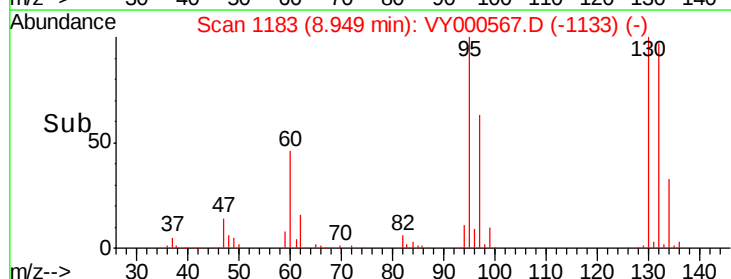
95 99.8 0.0 203.2

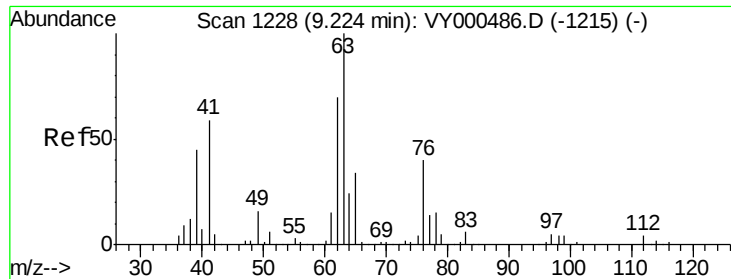


Abundance Ion 129.80 (129.50 to 130.50): VY000486.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000486.D (-1173) (-)

8.95

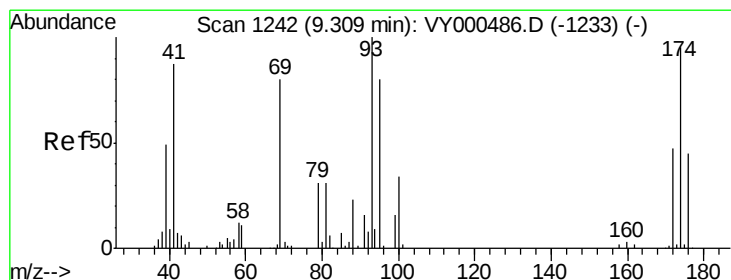
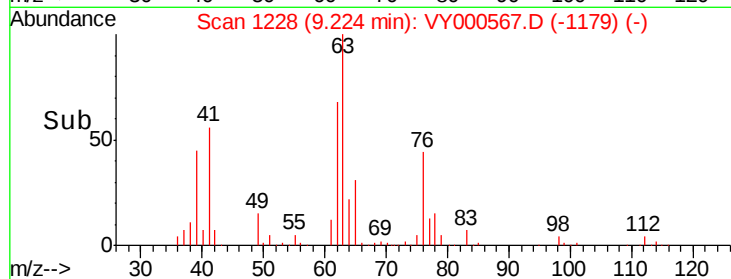
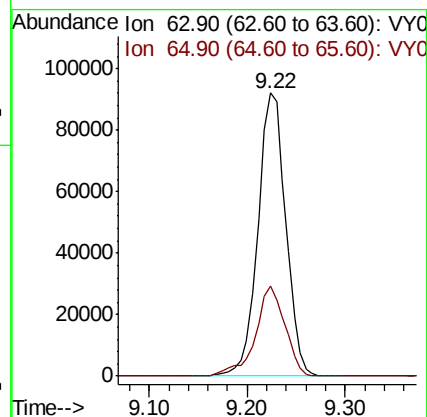
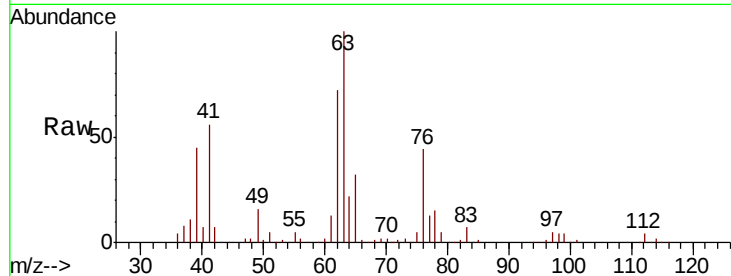




#45
 1,2-Dichloropropane
 Concen: 54.648 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000567.D
 Acq: 07 Nov 2019 09:49

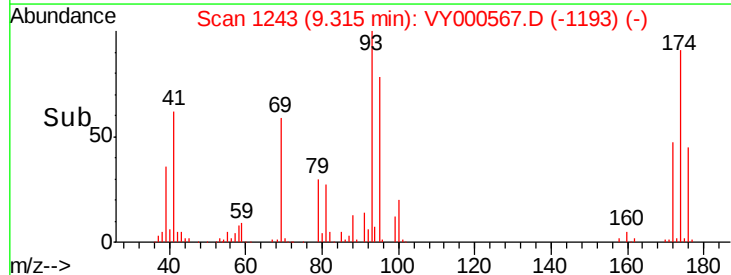
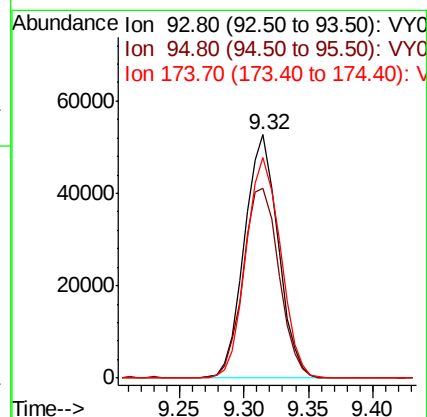
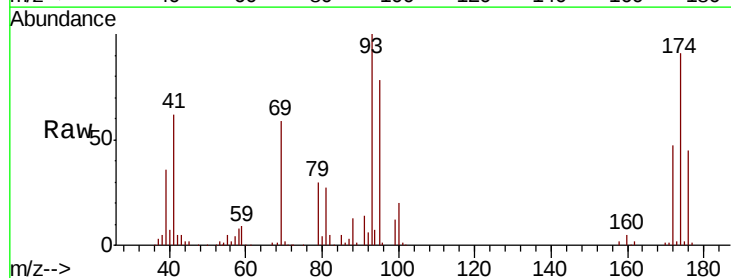
Instrument :
 MSVOA_Y
 ClientSampleId :

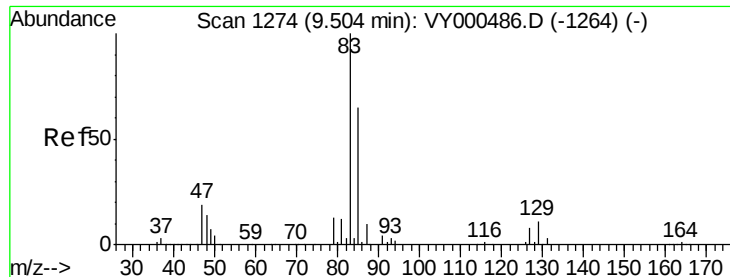
Tot Ion: 63 Resp: 181636
 Ion Ratio Lower Upper
 63 100
 65 31.9 27.0 40.4



#46
 Dibromomethane
 Concen: 52.356 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000567.D
 Acq: 07 Nov 2019 09:49

Tgt Ion: 93 Resp: 95703
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.4 99.6
 174 92.9 77.1 115.7





#47

Bromodichloromethane

Concen: 53.809 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

ClientSampleId :

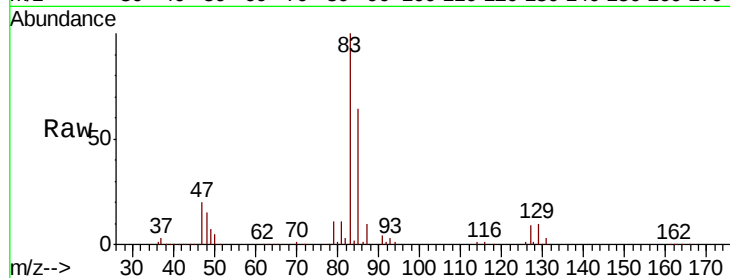
Tot Ion: 83 Resp: 233386

Ion Ratio Lower Upper

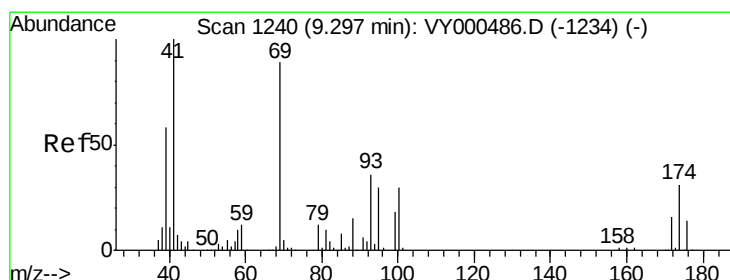
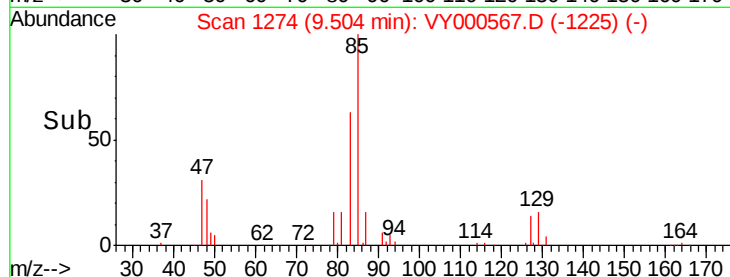
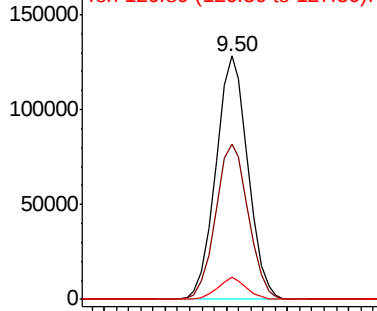
83 100

85 63.8 51.8 77.8

127 8.9 6.7 10.1



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



#48

Methyl methacrylate

Concen: 53.525 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

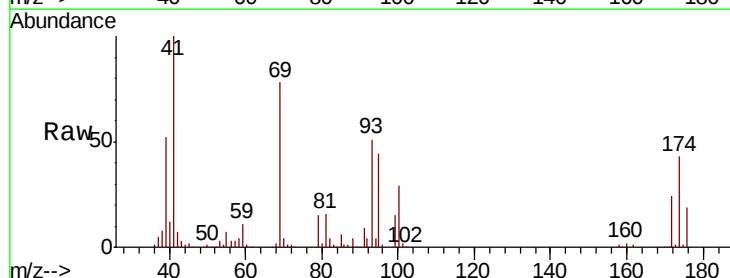
Tgt Ion: 41 Resp: 120142

Ion Ratio Lower Upper

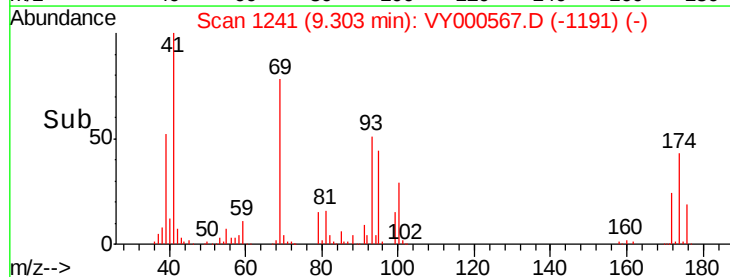
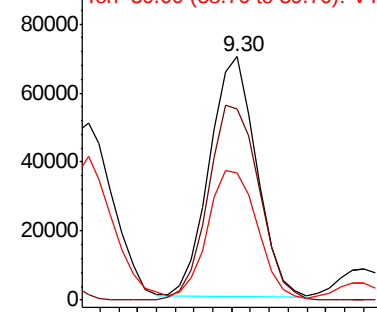
41 100

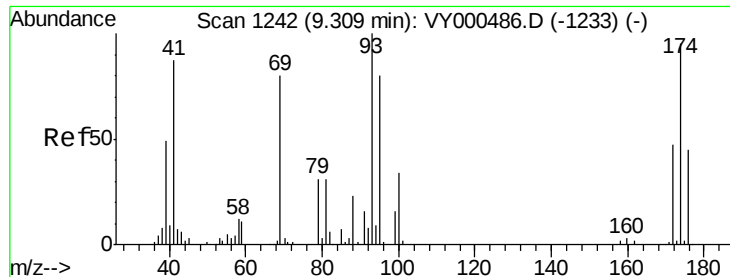
69 88.0 72.5 108.7

39 57.6 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: 912.678 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.02 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

ClientSampled :

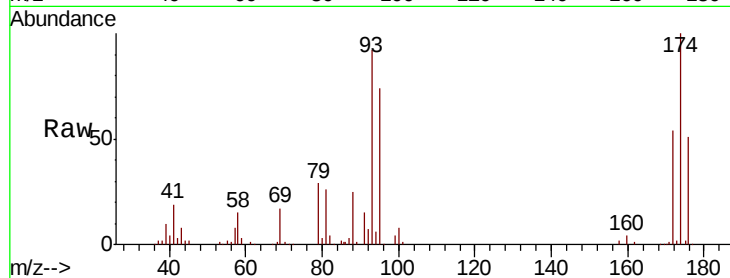
Tot Ion: 88 Resp: 22453

Ion Ratio Lower Upper

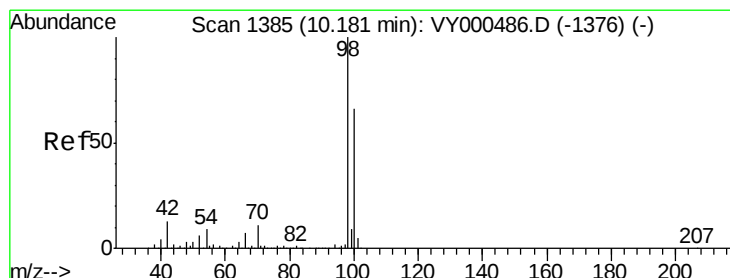
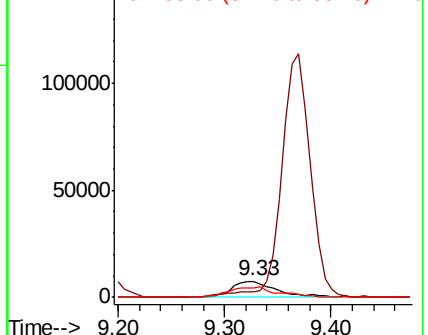
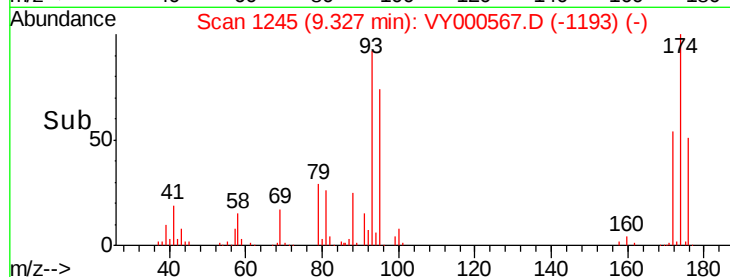
88 100

43 0.0 25.1 37.7#

58 71.6 50.6 75.8



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



#50

Toluene-d8

Concen: 53.867 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VY000567.D

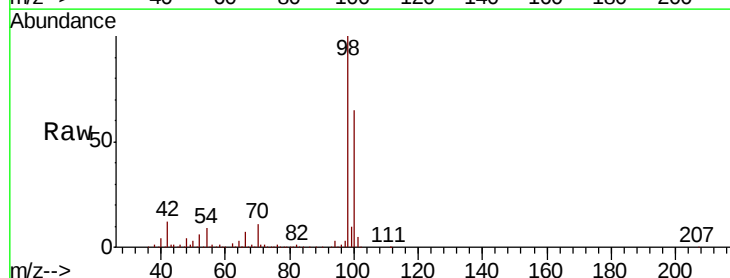
Acq: 07 Nov 2019 09:49

Tgt Ion: 98 Resp: 584679

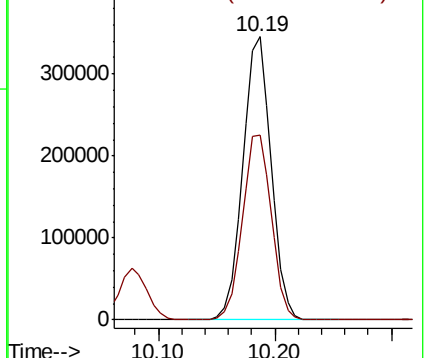
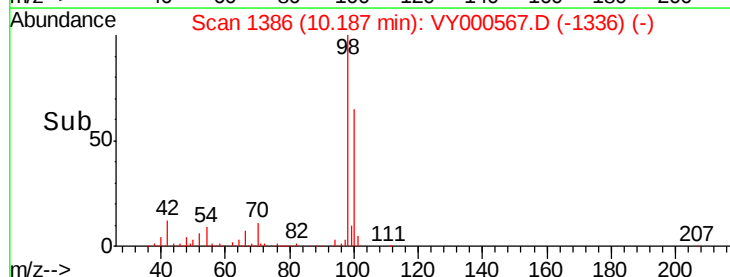
Ion Ratio Lower Upper

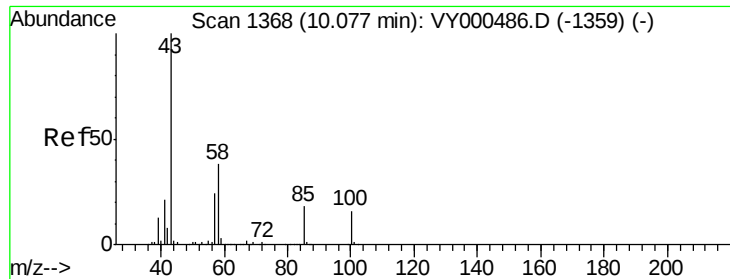
98 100

100 67.1 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 264.031 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

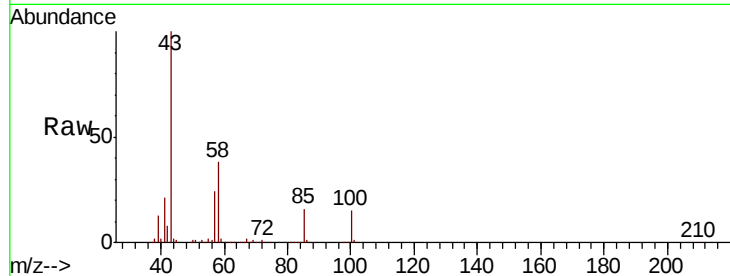
ClientSampleId :

Tot Ion: 43 Resp: 721169

Ion Ratio Lower Upper

43 100

58 38.4 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

400000

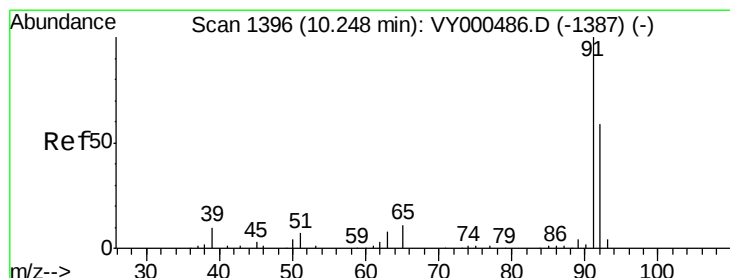
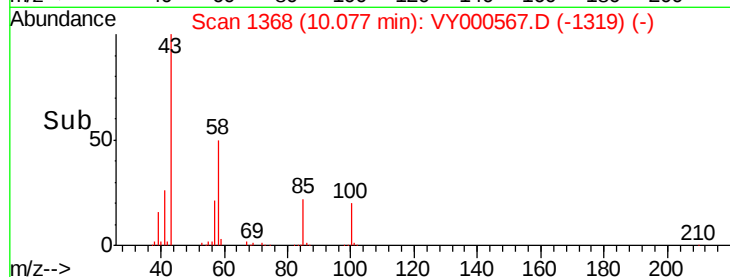
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 53.917 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000567.D

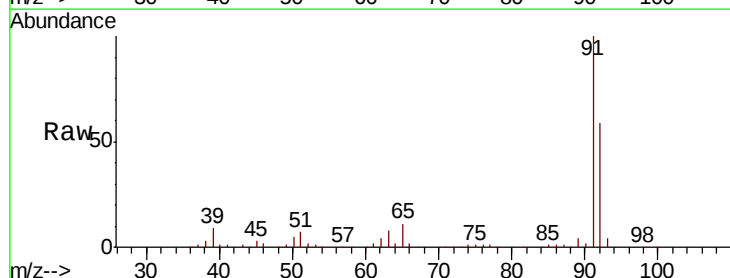
Acq: 07 Nov 2019 09:49

Tgt Ion: 92 Resp: 460344

Ion Ratio Lower Upper

92 100

91 171.1 136.3 204.5



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

500000

400000

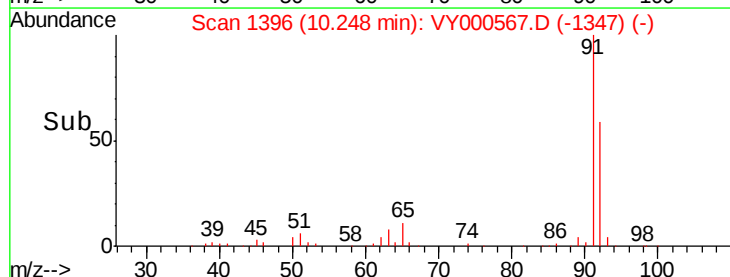
300000

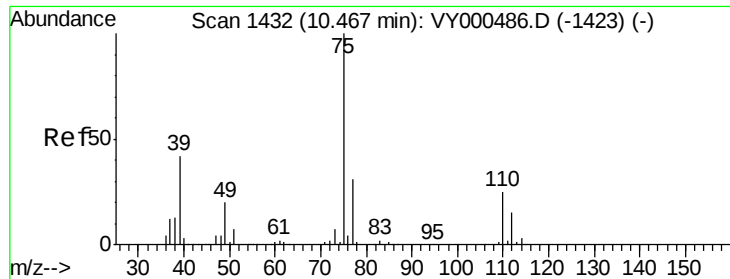
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.650 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

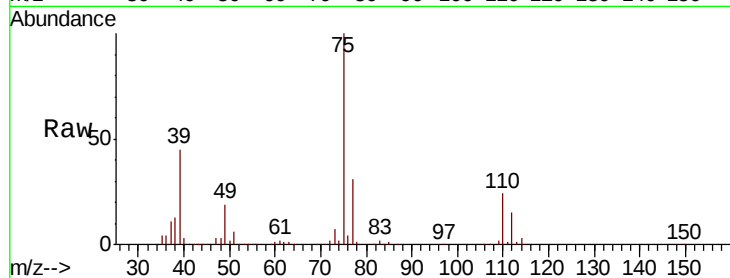
ClientSampleId :

Tot Ion: 75 Resp: 257906

Ion Ratio Lower Upper

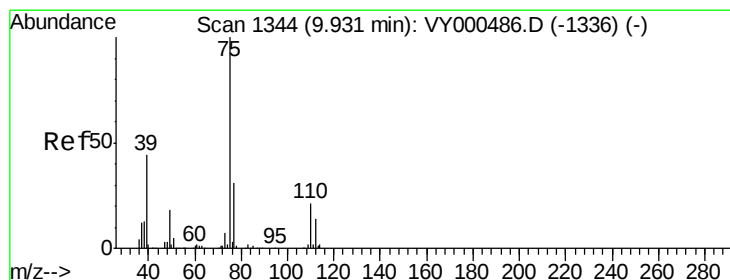
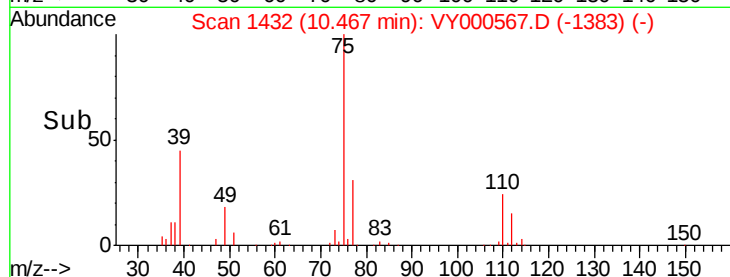
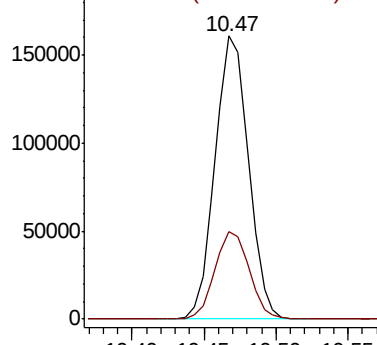
75 100

77 30.9 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 54.814 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

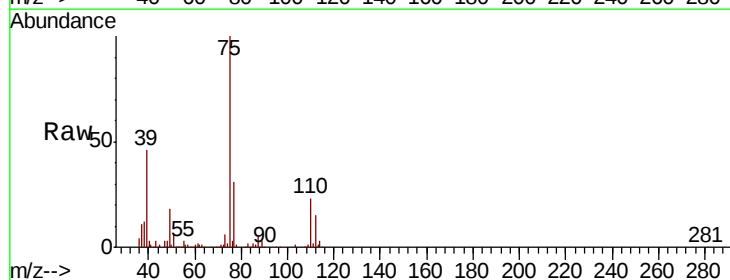
Tgt Ion: 75 Resp: 291017

Ion Ratio Lower Upper

75 100

77 31.2 24.5 36.7

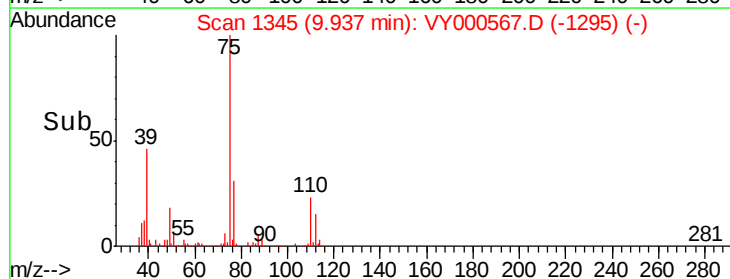
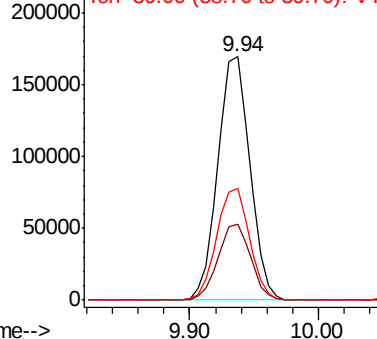
39 45.6 35.4 53.2

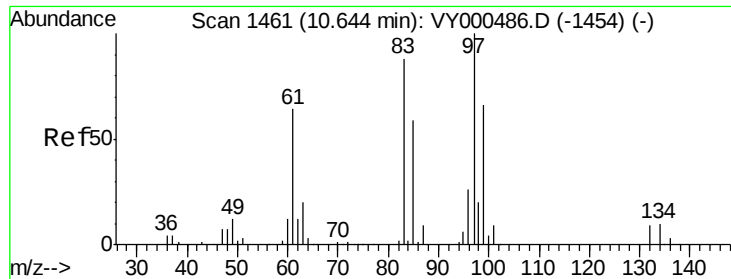


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

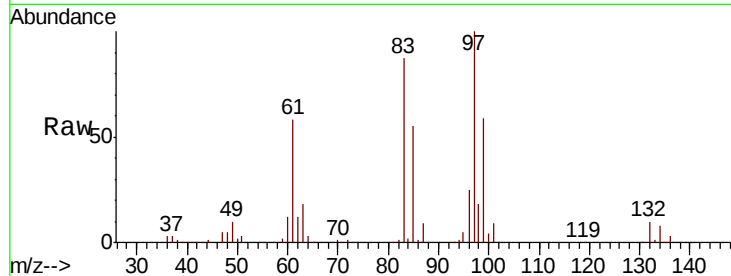




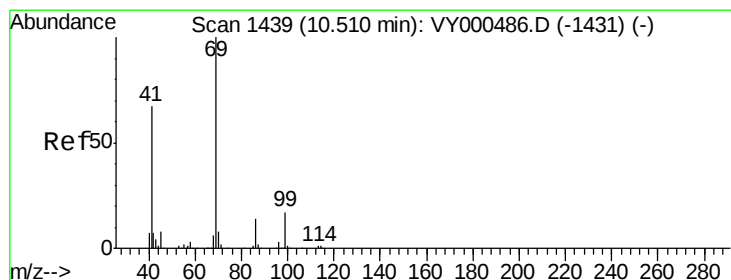
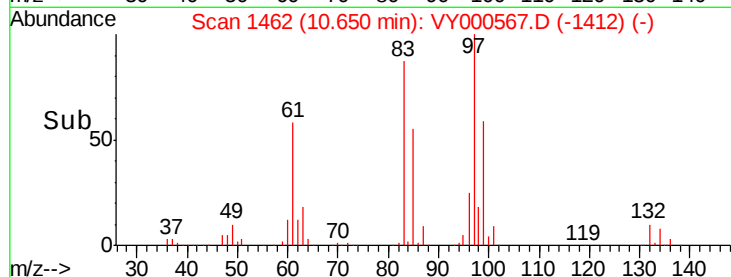
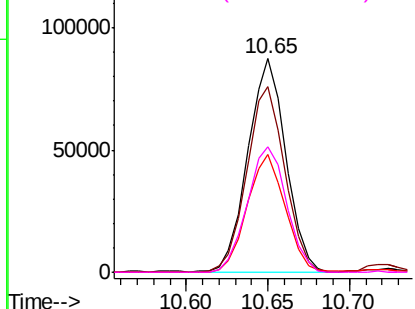
#55
 1,1,2-Trichloroethane
 Concen: 53.486 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000567.D
 Acq: 07 Nov 2019 09:49

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:	97	Resp:	141412
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.2	105.4
85	55.1	46.9	70.3
99	58.6	52.6	78.8

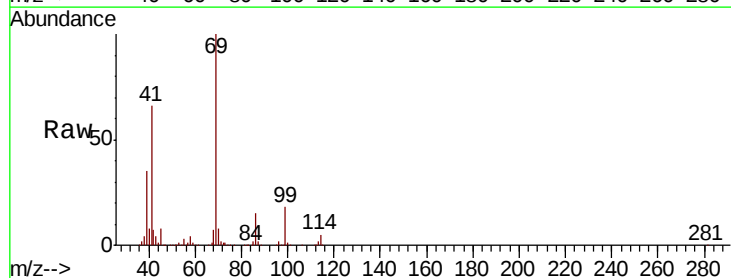


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

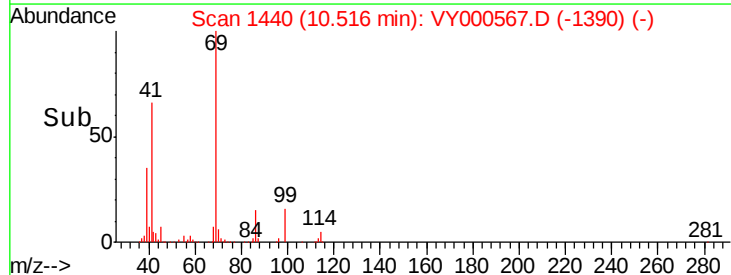
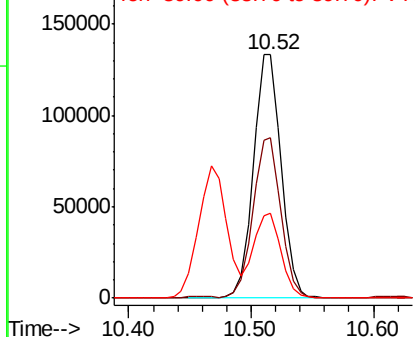


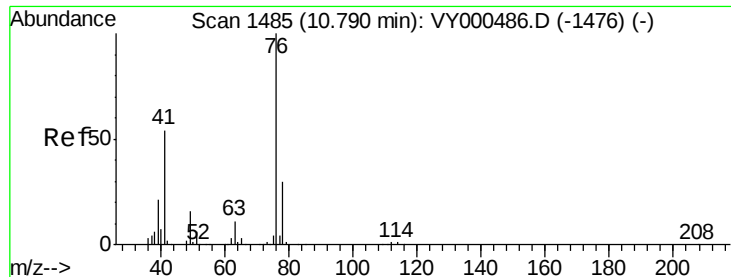
#56
 Ethyl methacrylate
 Concen: 56.219 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: VY000567.D
 Acq: 07 Nov 2019 09:49

Tgt Ion:	69	Resp:	210667
Ion	Ratio	Lower	Upper
69	100		
41	66.1	53.3	79.9
39	34.6	28.0	42.0



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





#57

1,3-Dichloropropane

Concen: 53.461 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

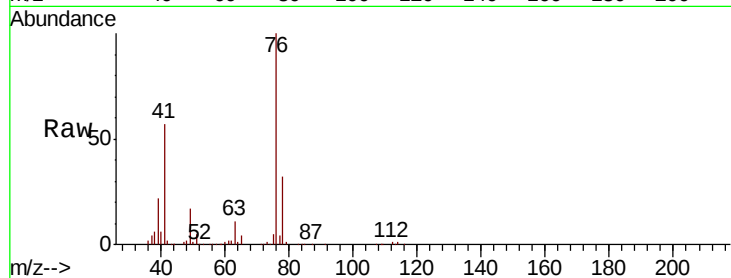
ClientSampleId :

Tot Ion: 76 Resp: 247383

Ion Ratio Lower Upper

76 100

78 32.0 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.80

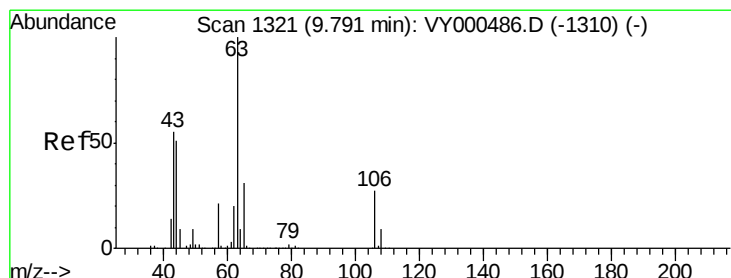
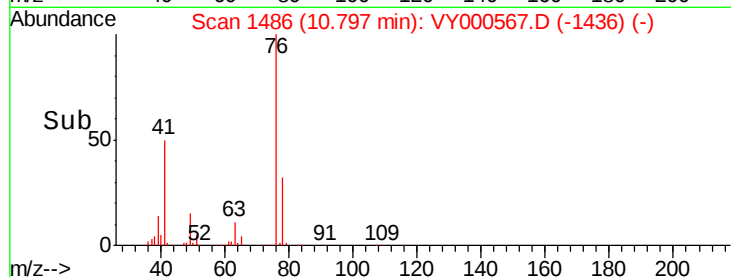
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 252.186 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000567.D

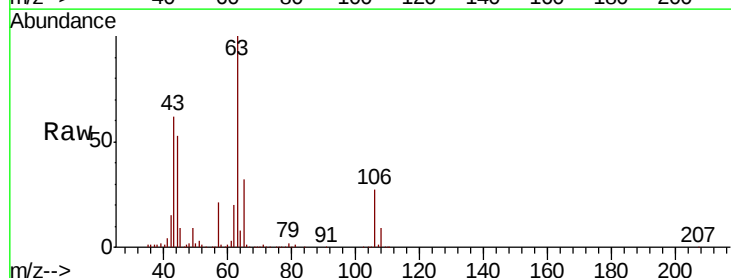
Acq: 07 Nov 2019 09:49

Tgt Ion: 63 Resp: 427228

Ion Ratio Lower Upper

63 100

106 26.8 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.79

300000

250000

200000

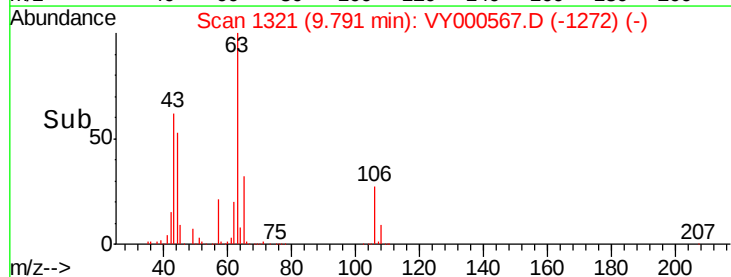
150000

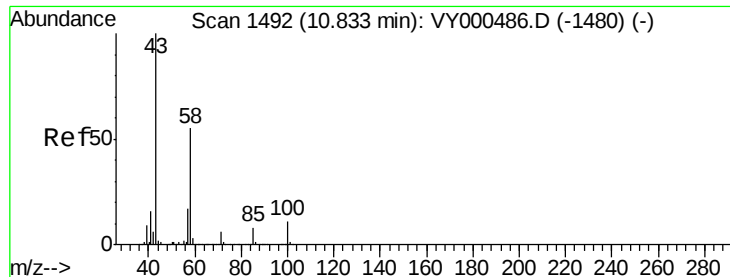
100000

50000

0

Time-->

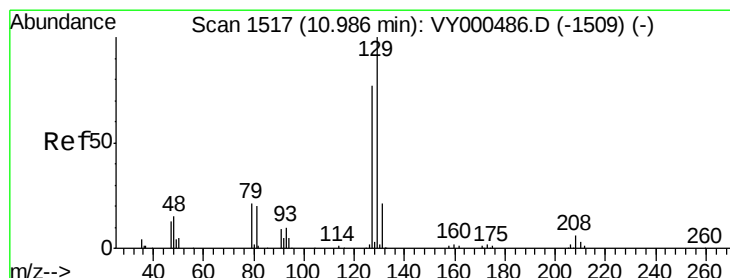
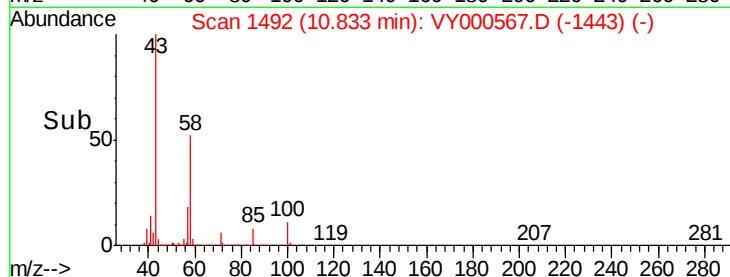
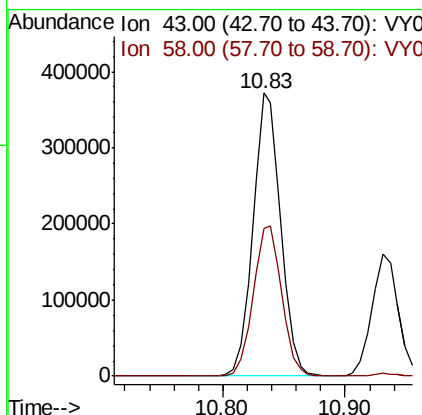
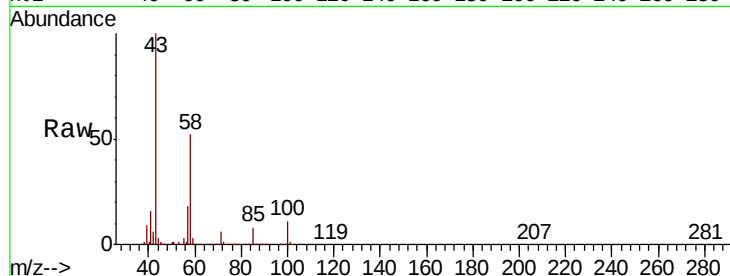




#59
2-Hexanone
Concen: 293.274 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

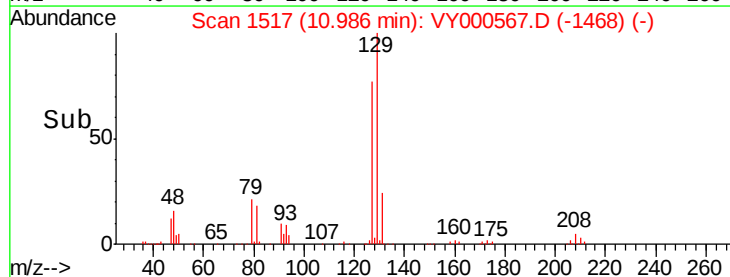
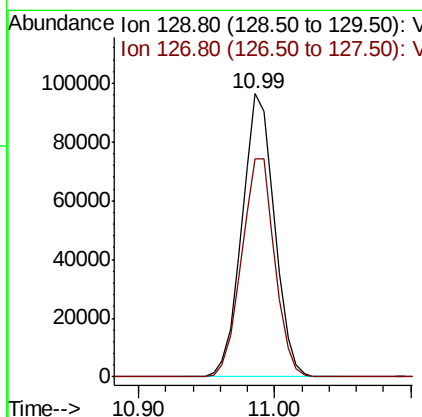
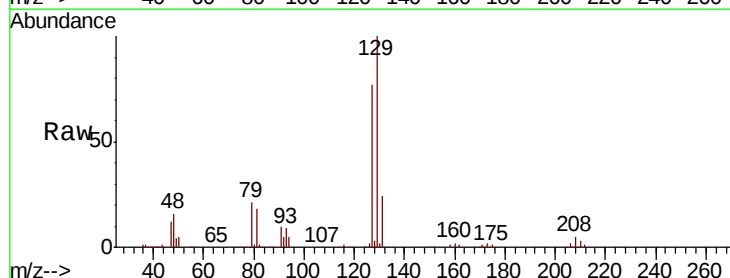
Instrument :
MSVOA_Y
ClientSampleId :

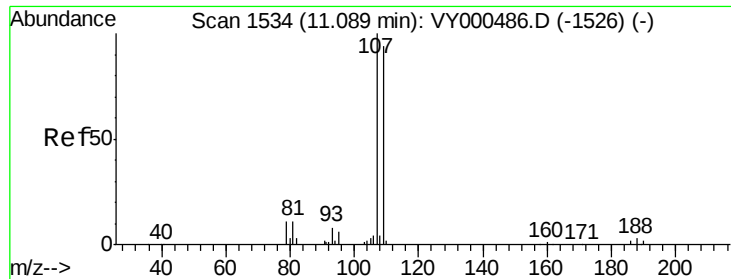
Tot Ion: 43 Resp: 583634
Ion Ratio Lower Upper
43 100
58 54.9 27.1 81.3



#60
Dibromochloromethane
Concen: 53.063 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

Tgt Ion: 129 Resp: 160694
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2

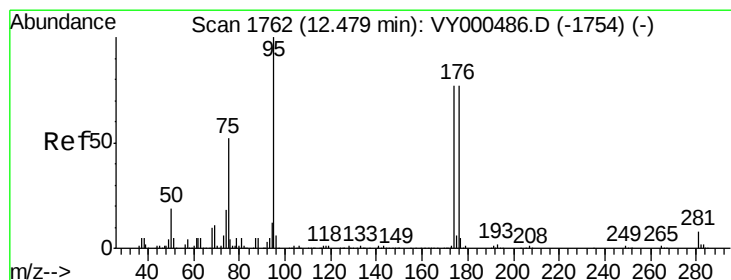
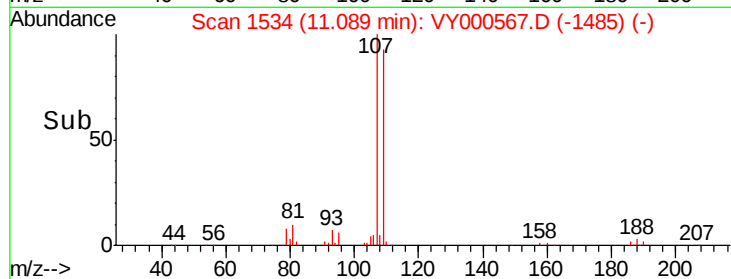
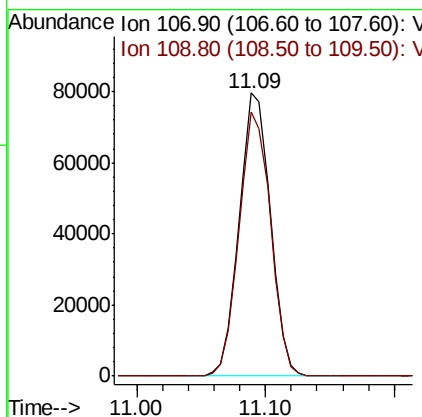
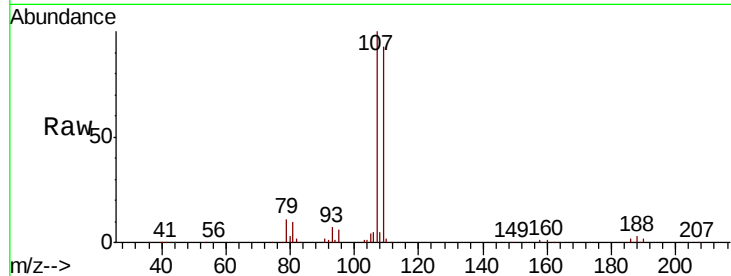




#61
 1,2-Dibromoethane
 Concen: 52.503 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000567.D
 Acq: 07 Nov 2019 09:49

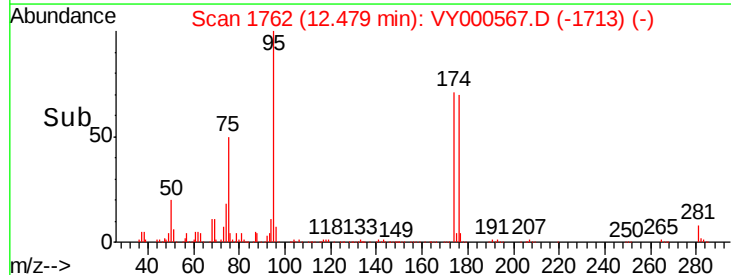
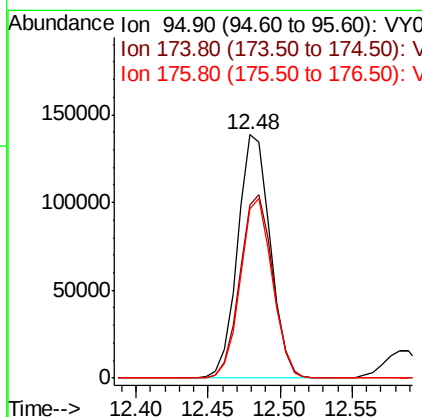
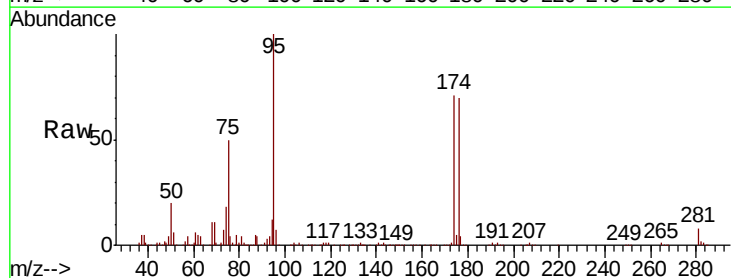
Instrument :
 MSVOA_Y
 ClientSampled :

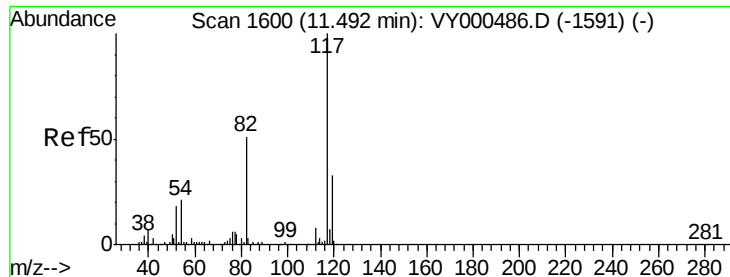
Tot Ion: 107 Resp: 133467
 Ion Ratio Lower Upper
 107 100
 109 94.2 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 52.600 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000567.D
 Acq: 07 Nov 2019 09:49

Tgt Ion: 95 Resp: 217349
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 161.6
 176 72.3 0.0 157.8

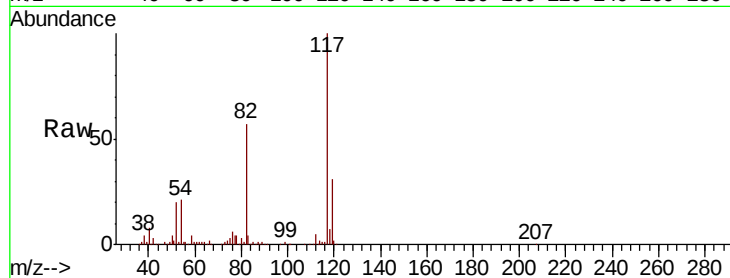




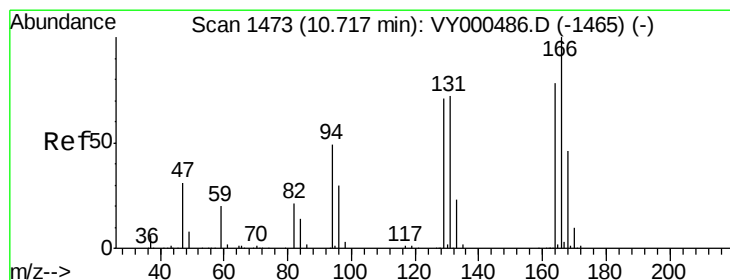
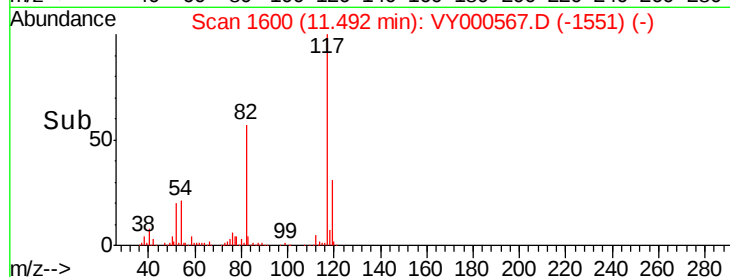
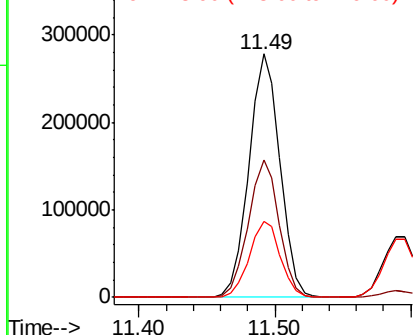
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	40.8	61.2
119	31.0	26.2	39.2



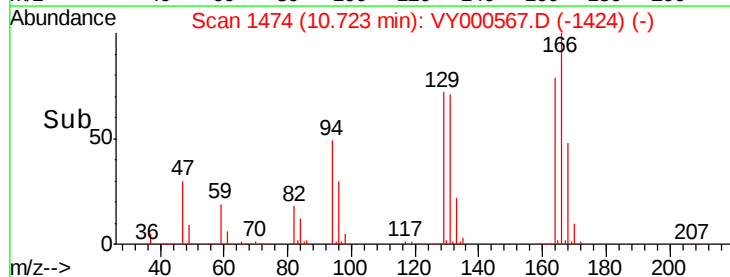
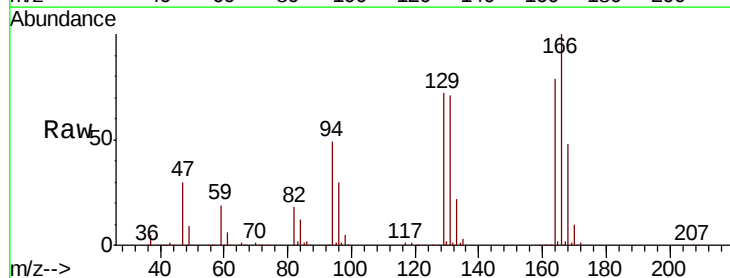
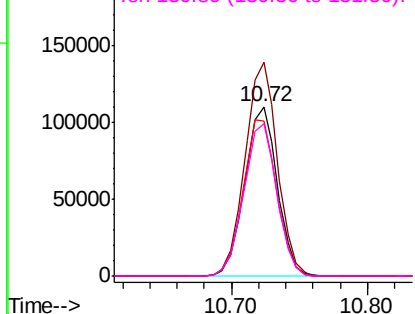
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

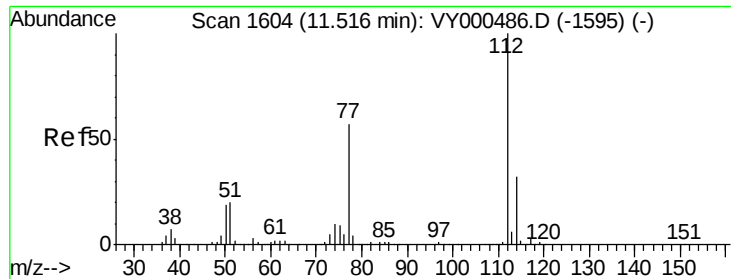


#64
Tetrachloroethene
Concen: 50.092 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	102.7	154.1
129	91.0	73.2	109.8
131	89.8	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

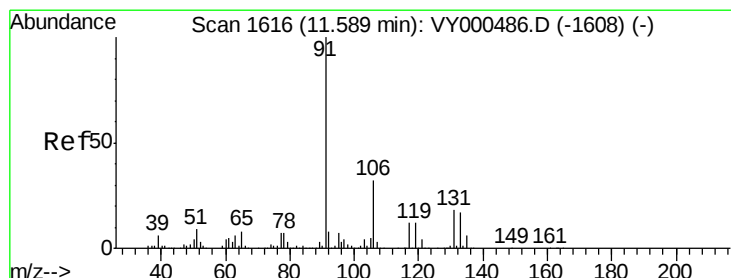
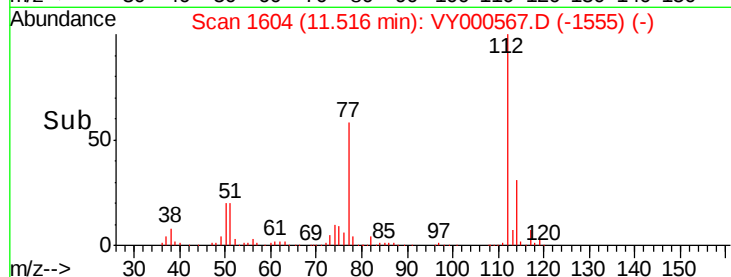
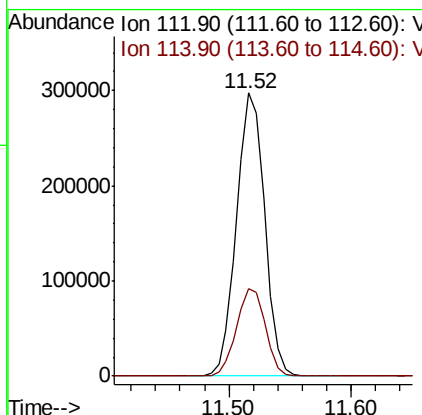
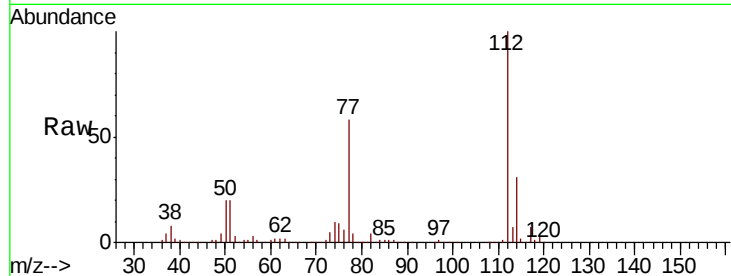




#65
Chlorobenzene
Concen: 52.695 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

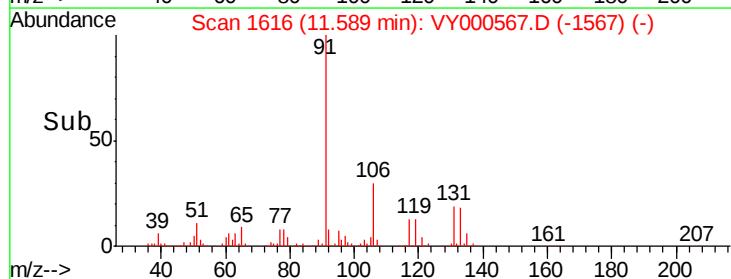
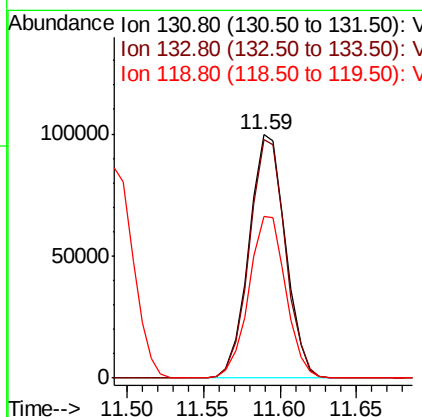
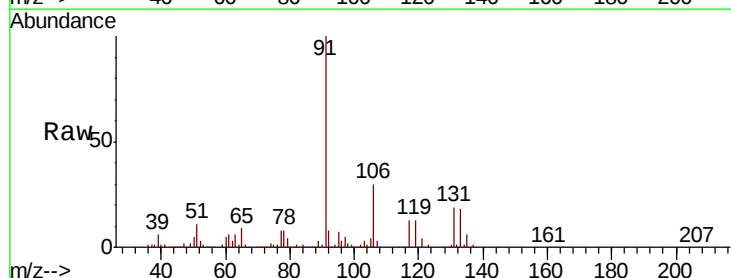
Instrument :
MSVOA_Y
ClientSampled :

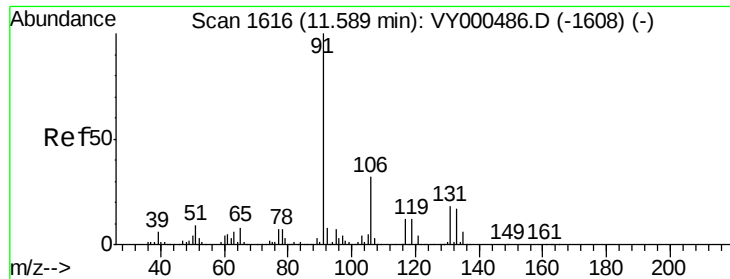
Tot Ion:112 Resp: 474258
Ion Ratio Lower Upper
112 100
114 30.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.945 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

Tgt Ion:131 Resp: 165263
Ion Ratio Lower Upper
131 100
133 97.2 47.9 143.8
119 67.0 33.1 99.3





#67

Ethyl Benzene

Concen: 54.060 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

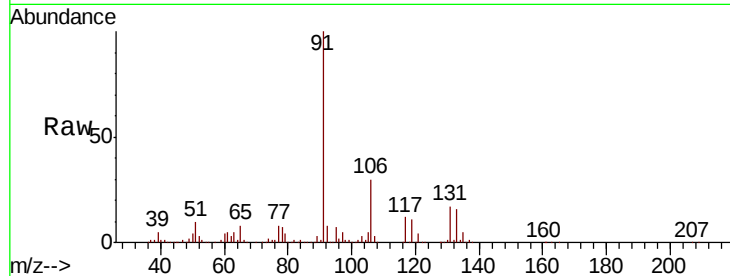
ClientSampled :

Tot Ion: 91 Resp: 895454

Ion Ratio Lower Upper

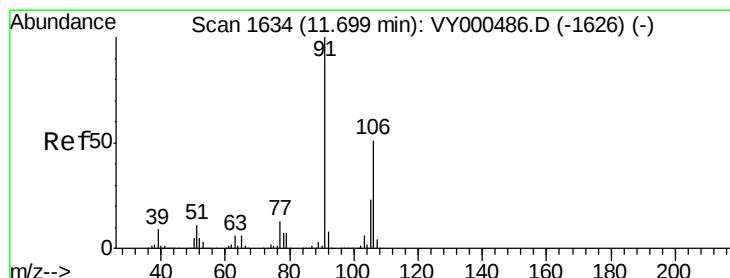
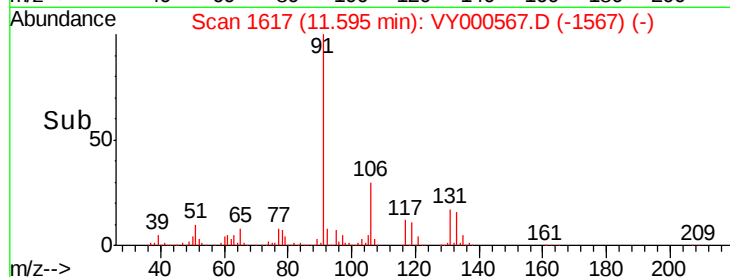
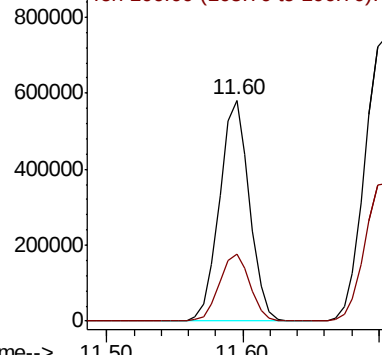
91 100

106 30.5 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 105.220 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY000567.D

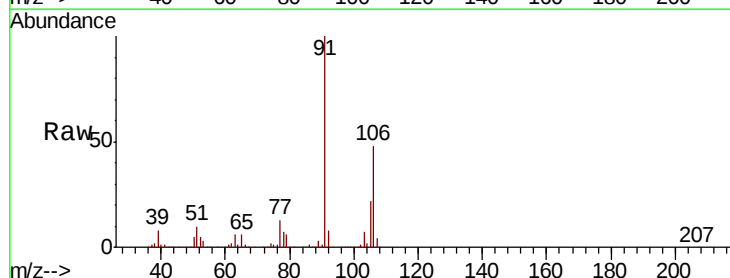
Acq: 07 Nov 2019 09:49

Tgt Ion: 106 Resp: 674566

Ion Ratio Lower Upper

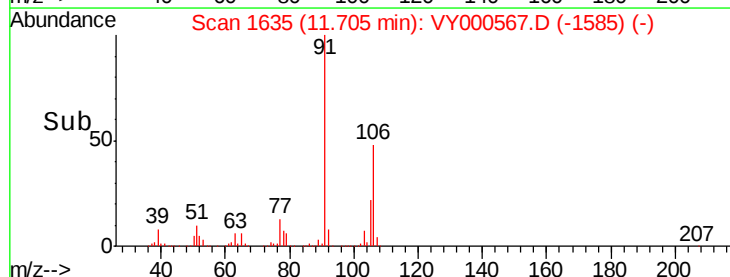
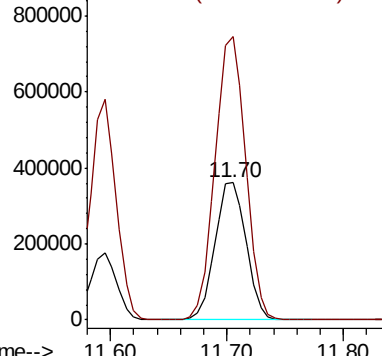
106 100

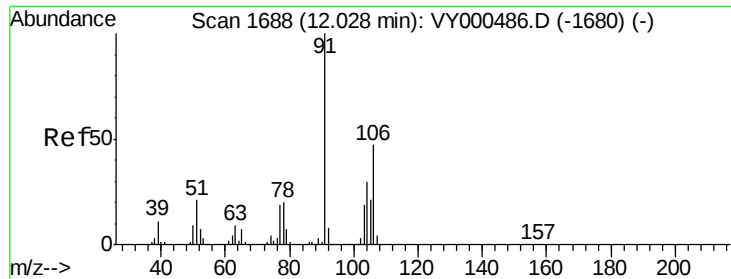
91 203.3 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

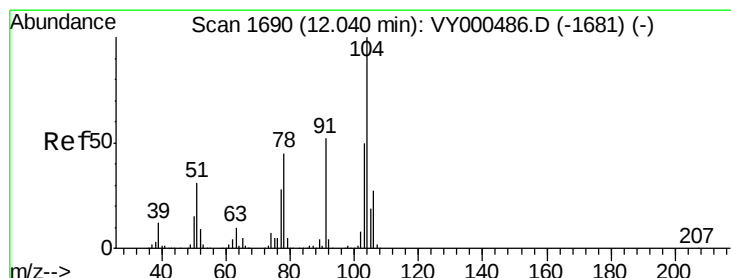
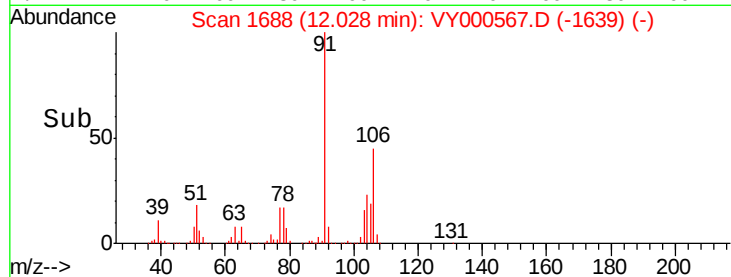
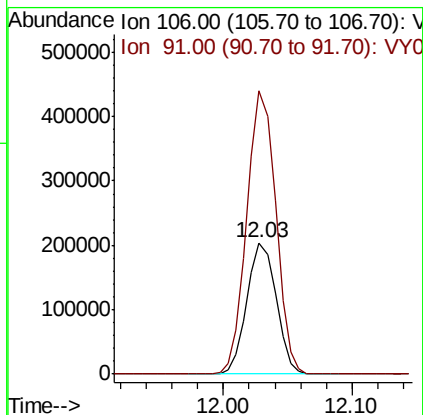
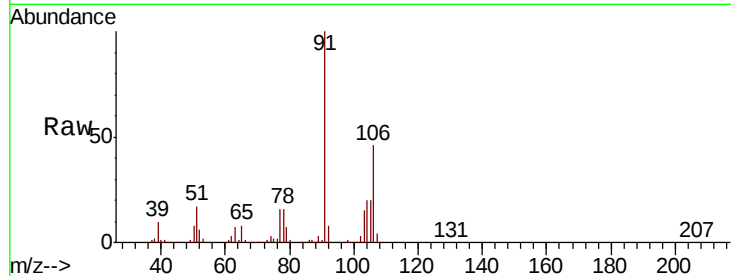




#69
o-Xylene
Concen: 53.023 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

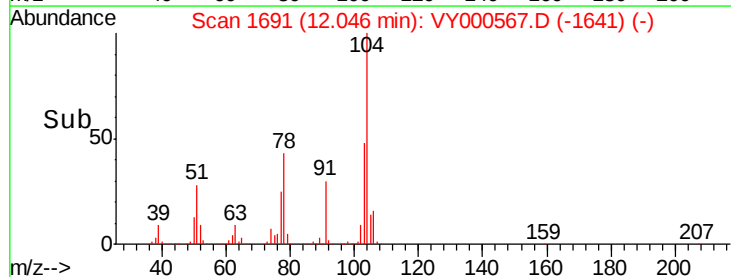
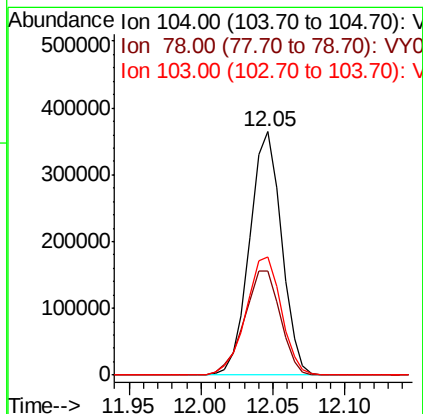
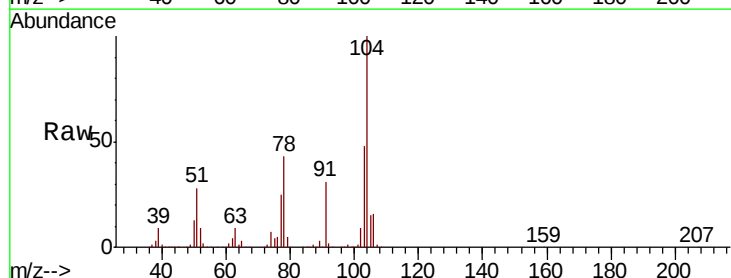
Instrument :
MSVOA_Y
ClientSampled :

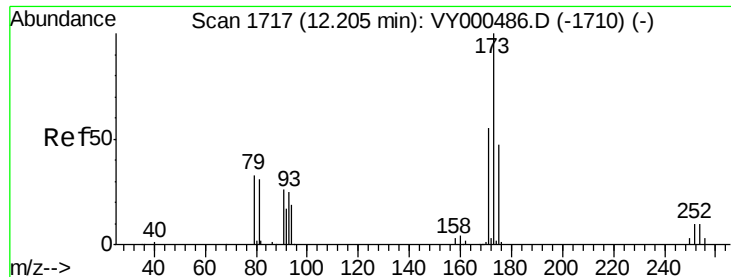
Tot Ion:106 Resp: 319474
Ion Ratio Lower Upper
106 100
91 215.1 106.5 319.6



#70
Styrene
Concen: 54.060 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

Tgt Ion:104 Resp: 557757
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.4
103 54.0 42.5 63.7





#71

Bromoform

Concen: 53.762 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

ClientSampleId :

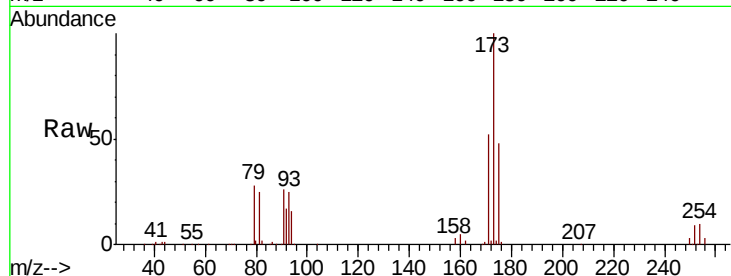
Tot Ion:173 Resp: 96520

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.2

254 0.0 0.1 0.1#

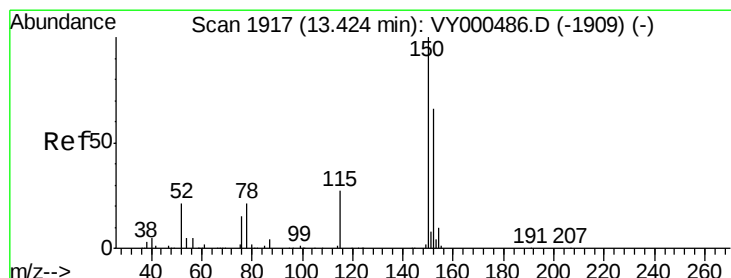
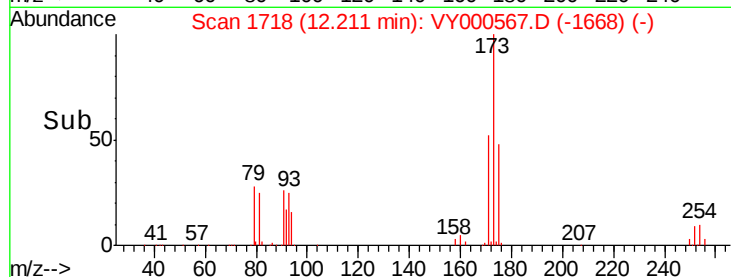
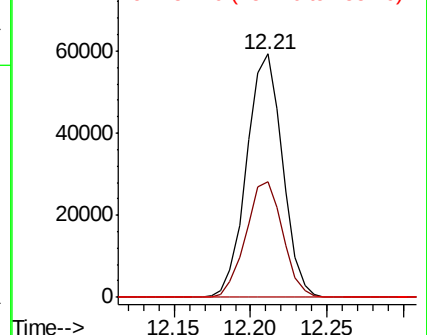


Abundance

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: VY000567.D

Acq: 07 Nov 2019 09:49

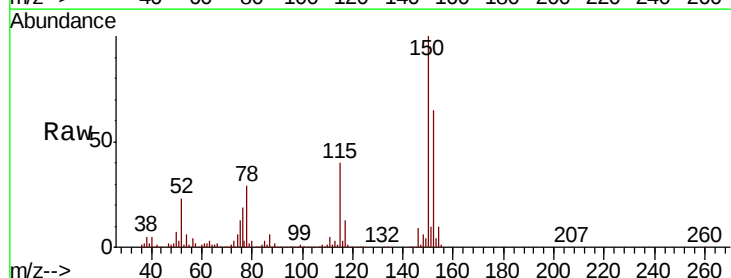
Tgt Ion:152 Resp: 218968

Ion Ratio Lower Upper

152 100

115 59.2 29.1 87.4

150 171.7 0.0 348.8

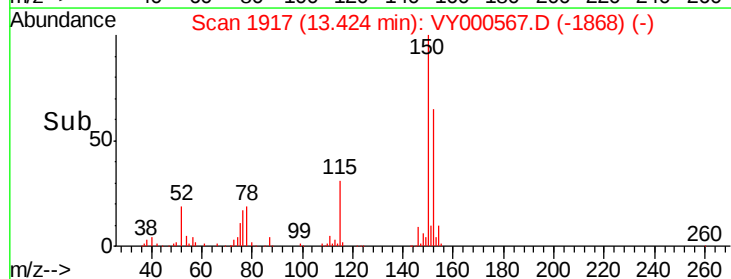
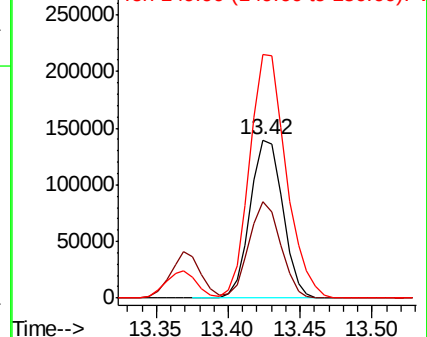


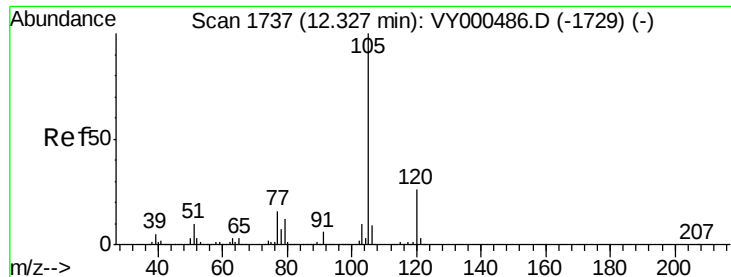
Abundance

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: 53.819 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

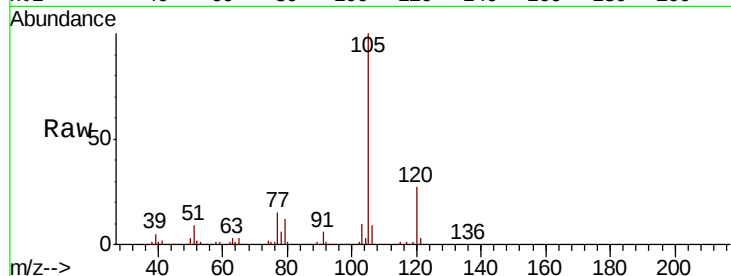
ClientSampleId :

Tot Ion:105 Resp: 870982

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

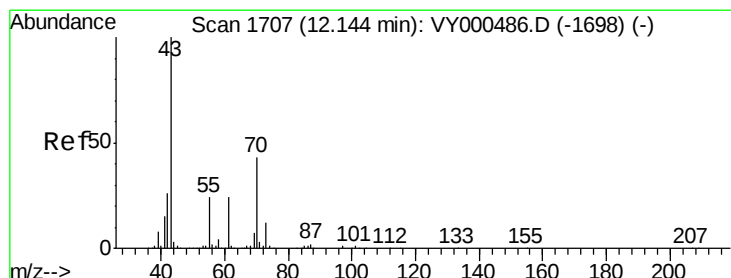
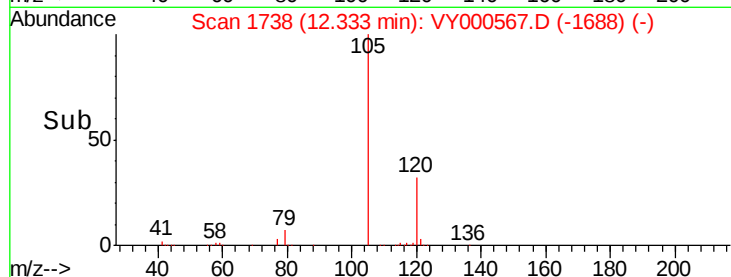
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 55.054 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Tgt Ion: 43 Resp: 255171

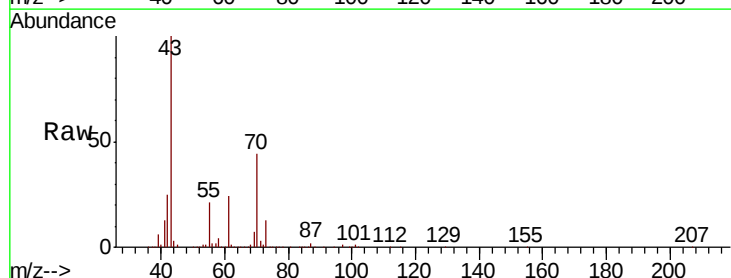
Ion Ratio Lower Upper

43 100

70 43.3 33.1 49.7

55 22.5 18.0 27.0

61 24.0 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

250000

200000

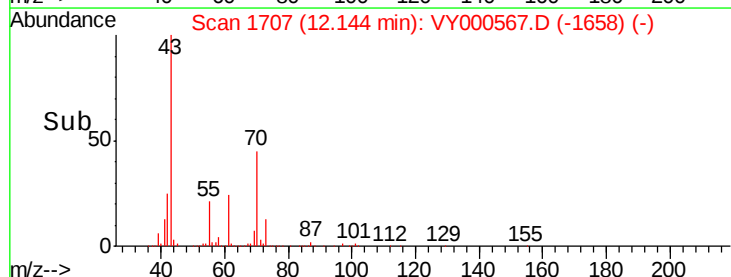
150000

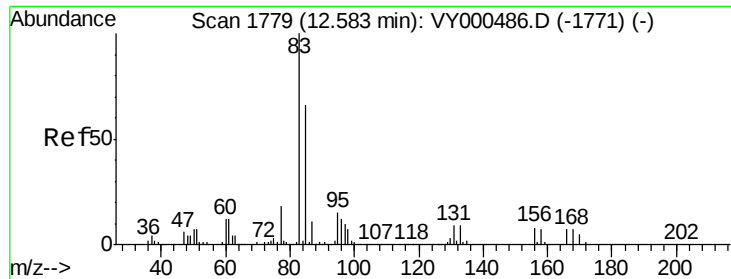
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.571 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

ClientSampleId :

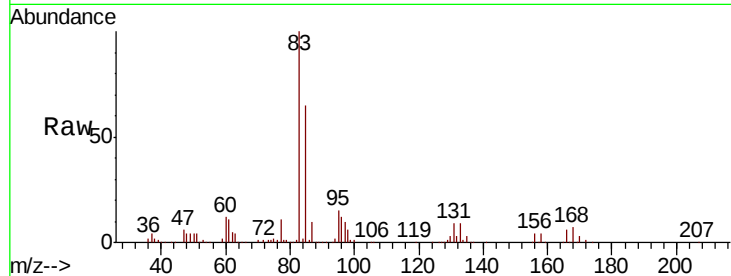
Tot Ion: 83 Resp: 168456

Ion Ratio Lower Upper

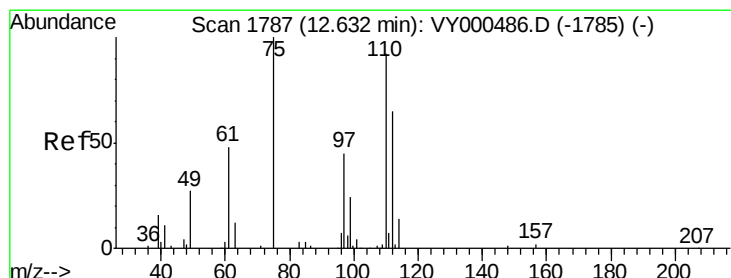
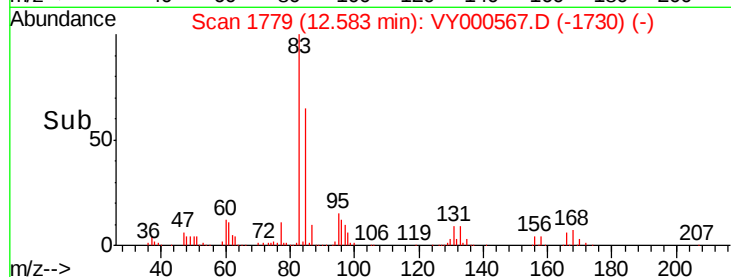
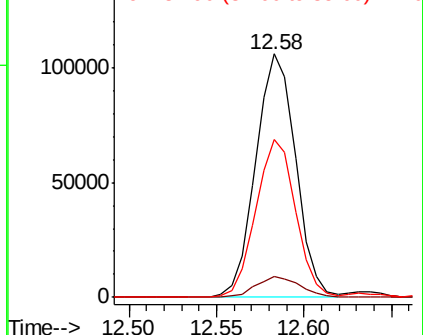
83 100

131 9.6 5.0 14.9

85 64.4 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: 92.580 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000567.D

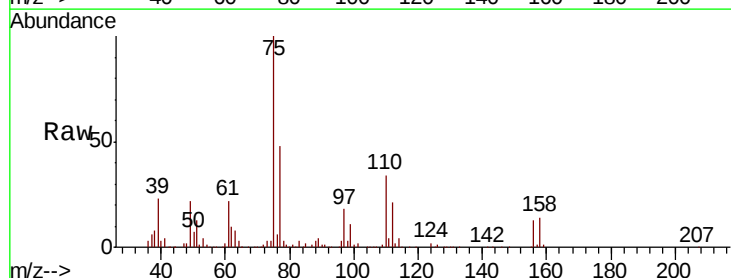
Acq: 07 Nov 2019 09:49

Tgt Ion: 75 Resp: 230825

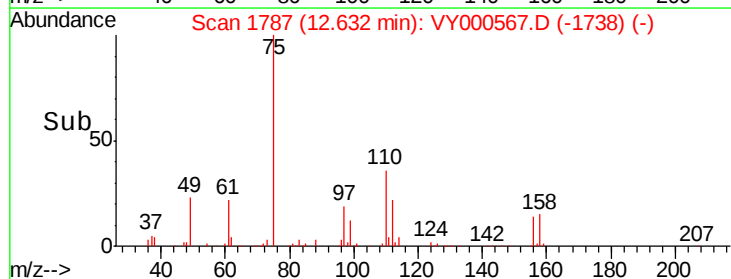
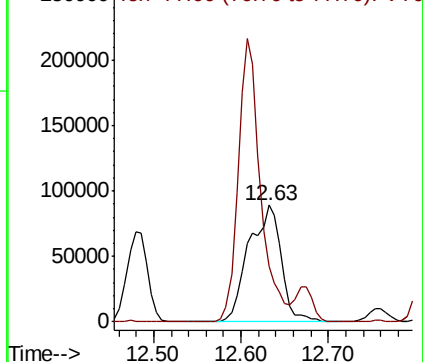
Ion Ratio Lower Upper

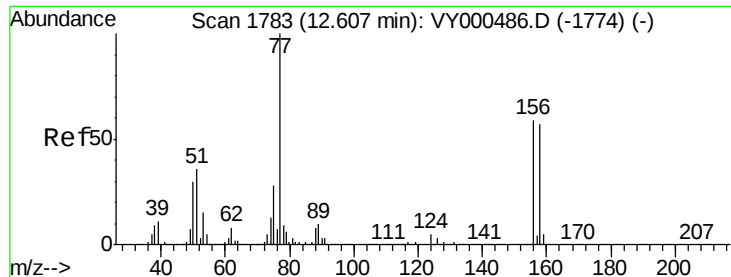
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 51.297 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

ClientSampled :

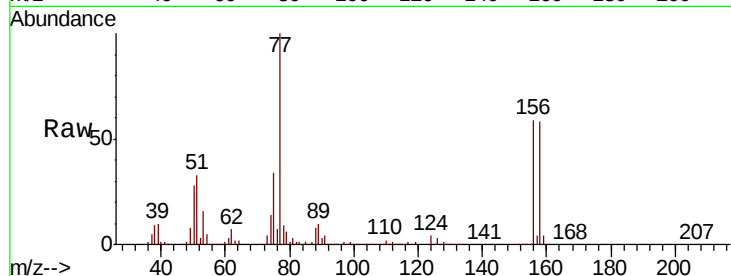
Tot Ion:156 Resp: 188254

Ion Ratio Lower Upper

156 100

77 205.8 98.2 294.4

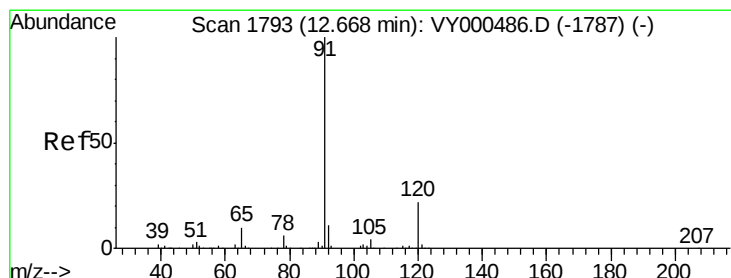
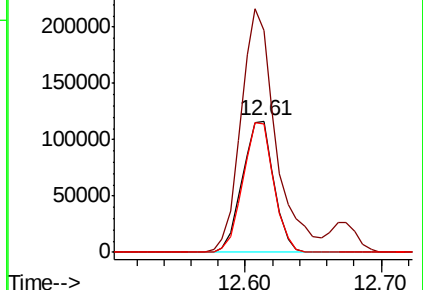
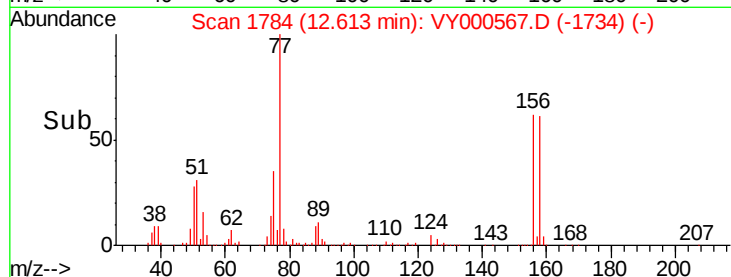
158 96.9 49.6 149.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.599 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY000567.D

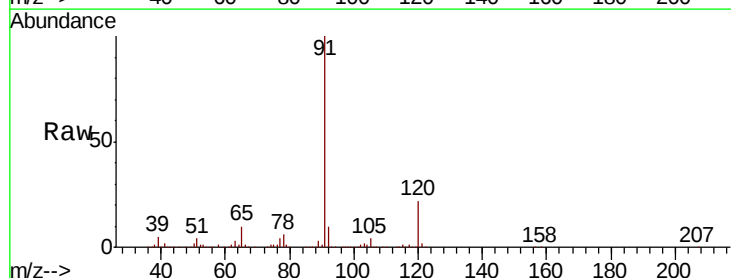
Acq: 07 Nov 2019 09:49

Tgt Ion: 91 Resp: 1066138

Ion Ratio Lower Upper

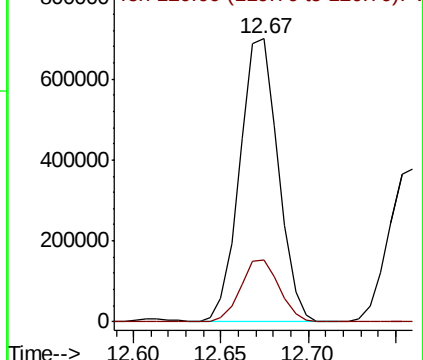
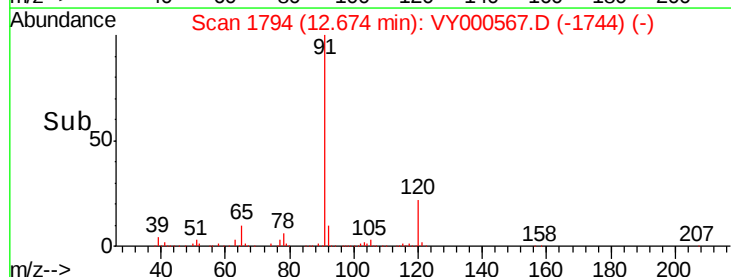
91 100

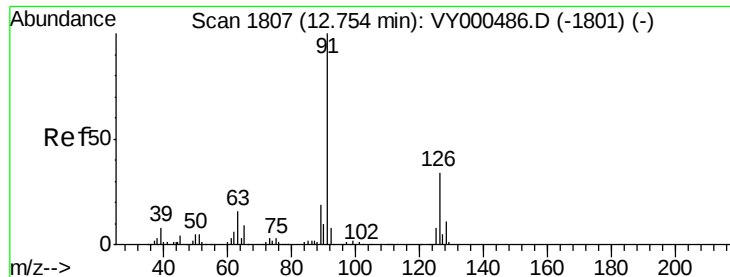
120 22.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.414 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

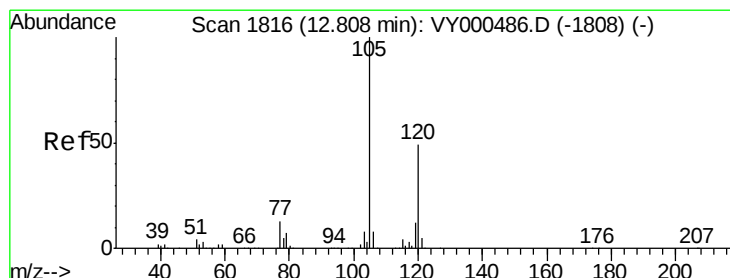
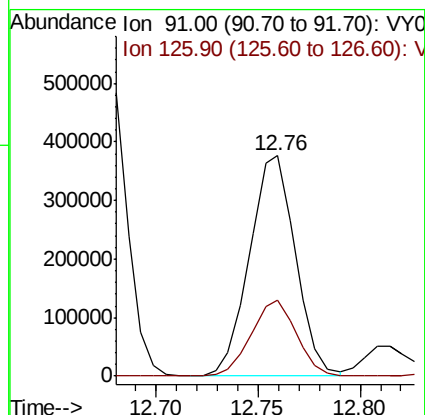
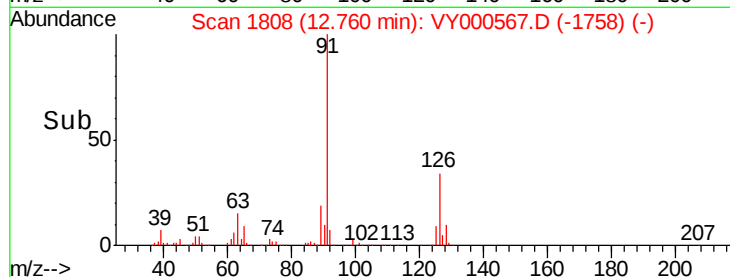
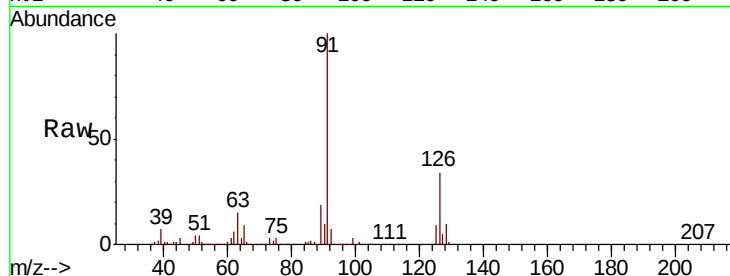
ClientSampleId :

Tot Ion: 91 Resp: 589871

Ion Ratio Lower Upper

91 100

126 34.0 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 54.136 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000567.D

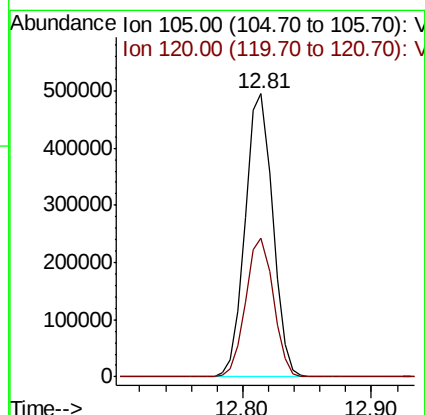
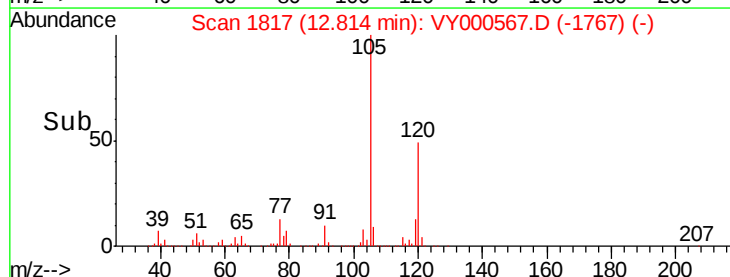
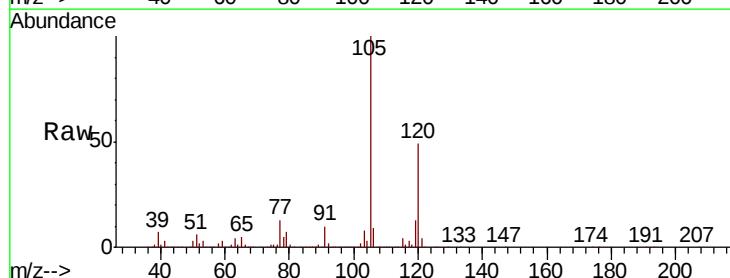
Acq: 07 Nov 2019 09:49

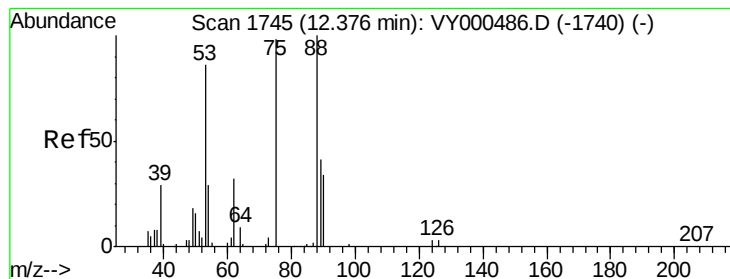
Tgt Ion: 105 Resp: 729664

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.878 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

ClientSampleId :

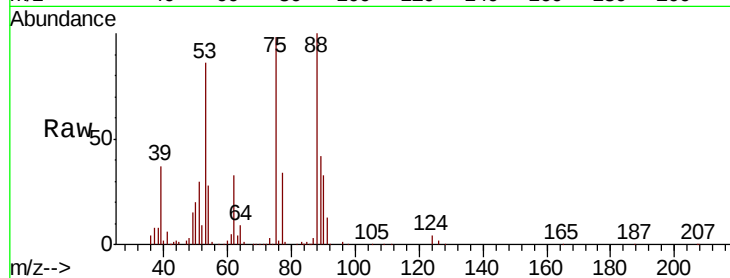
Tot Ion: 75 Resp: 61024

Ion Ratio Lower Upper

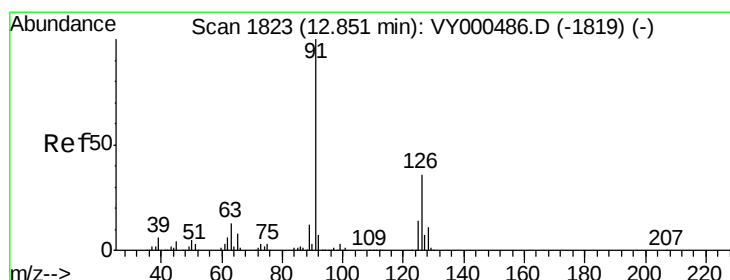
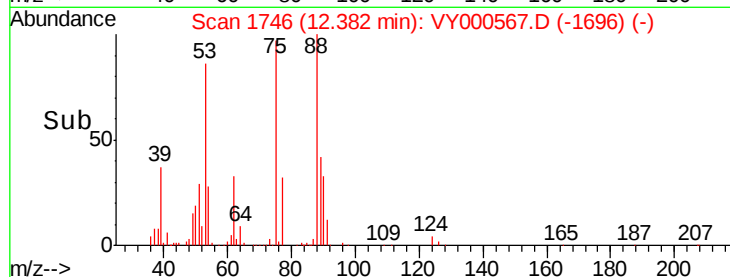
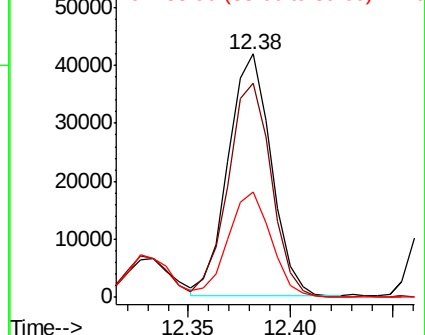
75 100

53 89.1 73.2 109.8

89 43.7 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: 55.832 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY000567.D

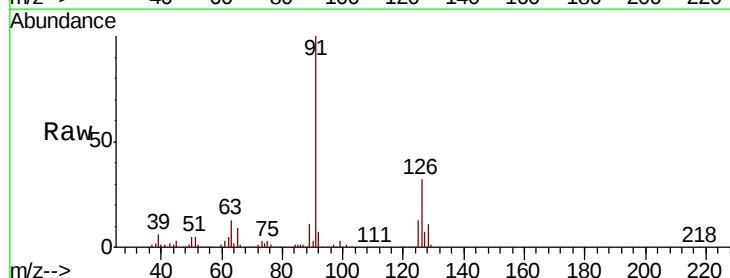
Acq: 07 Nov 2019 09:49

Tgt Ion: 91 Resp: 627376

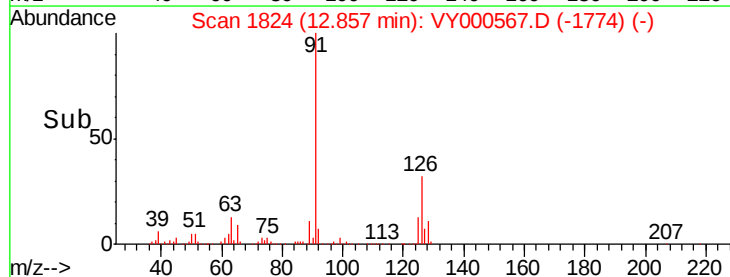
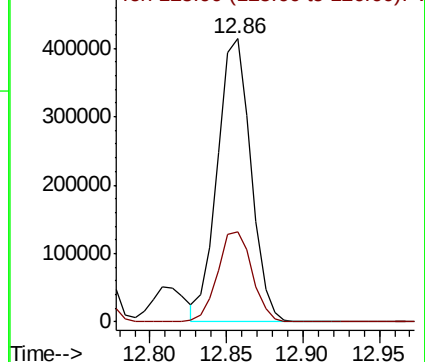
Ion Ratio Lower Upper

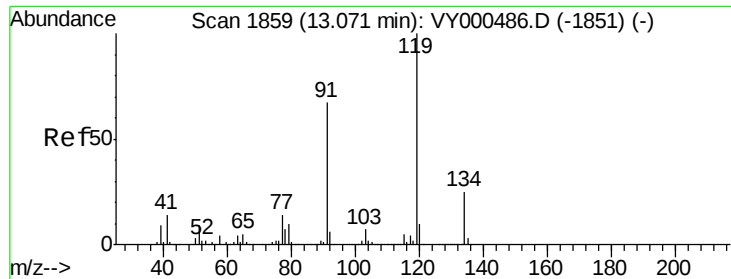
91 100

126 33.1 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

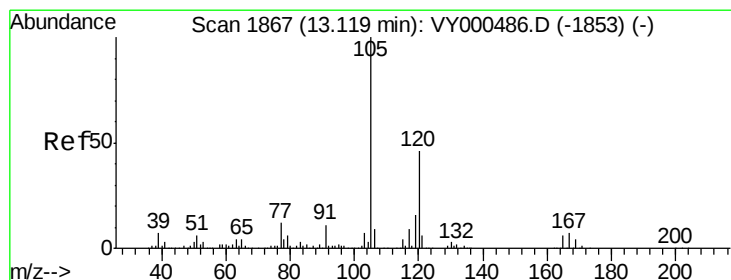
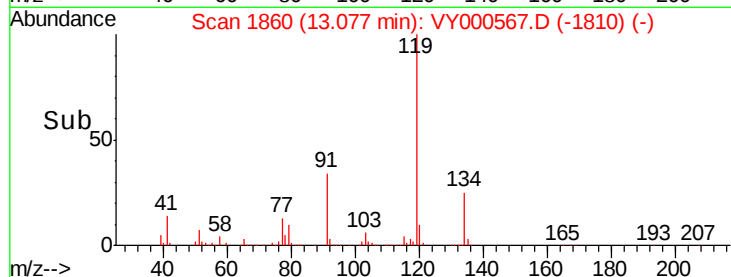
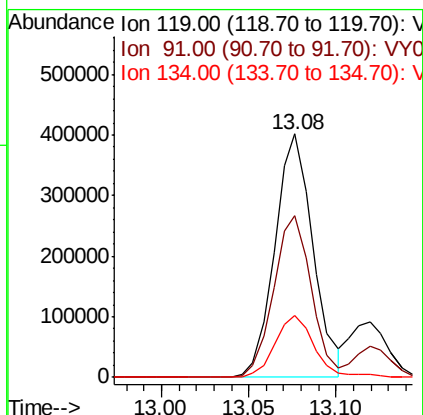
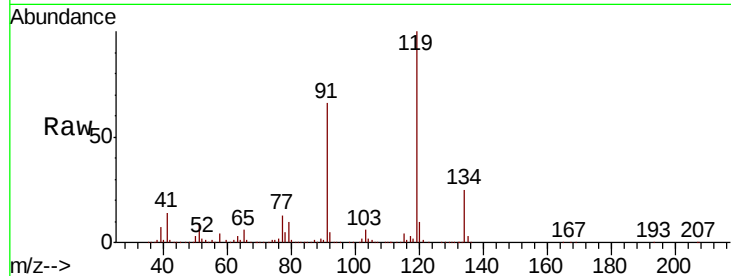




#83
tert-Butylbenzene
Concen: 53.237 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

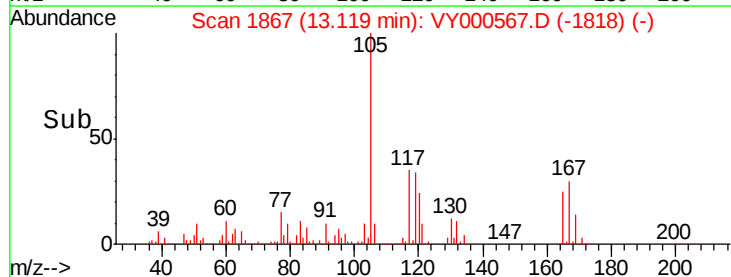
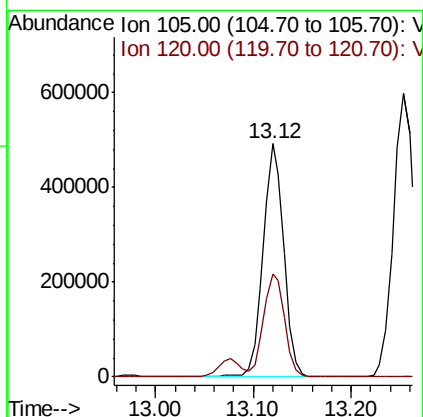
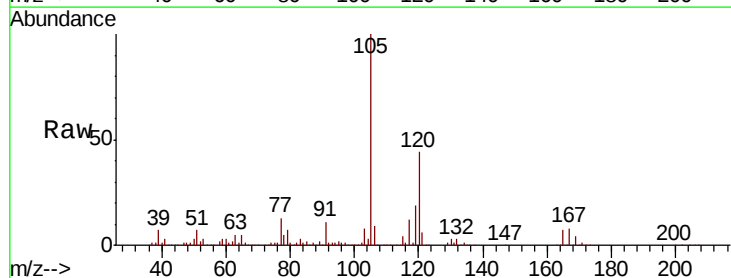
Instrument :
MSVOA_Y
ClientSampleId :

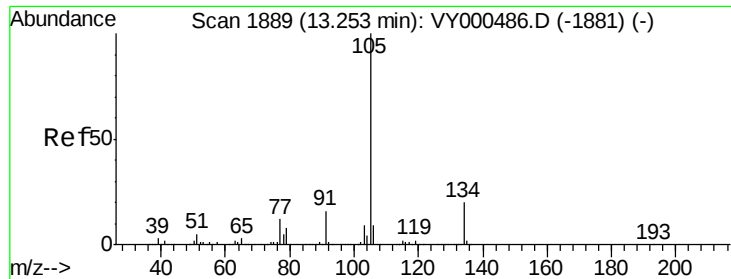
Tot Ion:119 Resp: 612665
Ion Ratio Lower Upper
119 100
91 65.5 32.1 96.3
134 26.5 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 54.087 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000567.D
Acq: 07 Nov 2019 09:49

Tgt Ion:105 Resp: 725846
Ion Ratio Lower Upper
105 100
120 44.9 23.3 69.9





#85

sec-Butylbenzene

Concen: 54.193 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

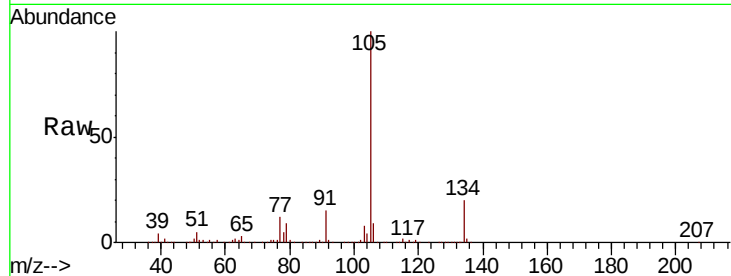
ClientSampleId :

Tot Ion:105 Resp: 888548

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

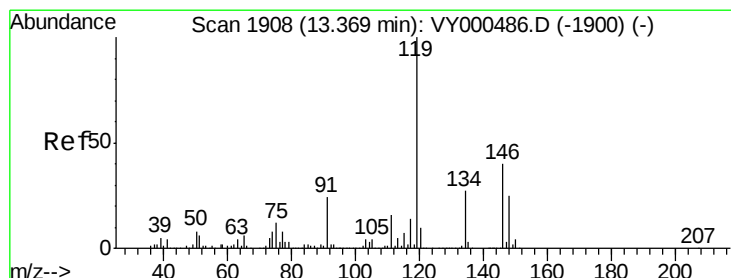
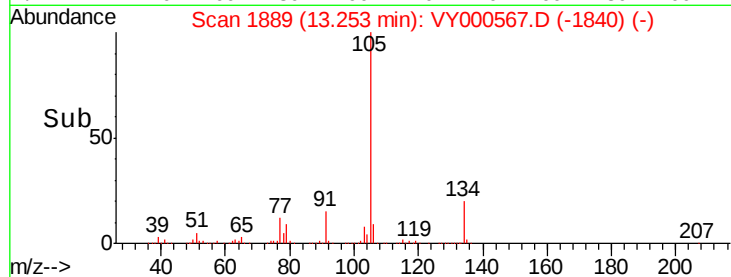
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 54.053 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

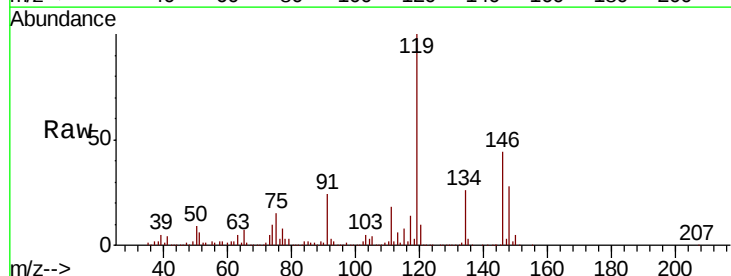
Tgt Ion:119 Resp: 789879

Ion Ratio Lower Upper

119 100

134 26.4 13.6 40.8

91 24.1 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

13.37

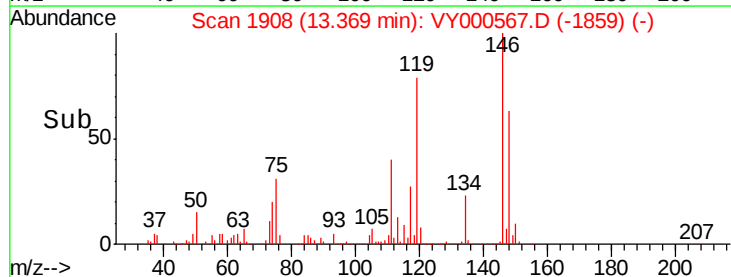
600000

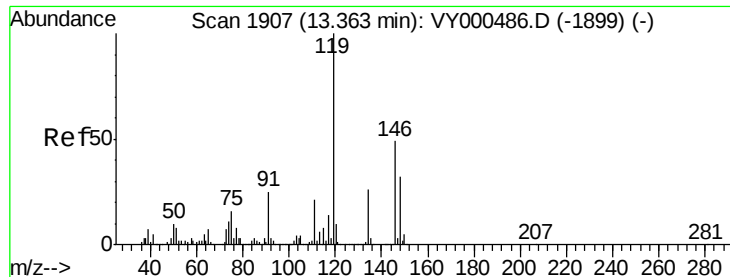
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 51.685 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

ClientSampleId :

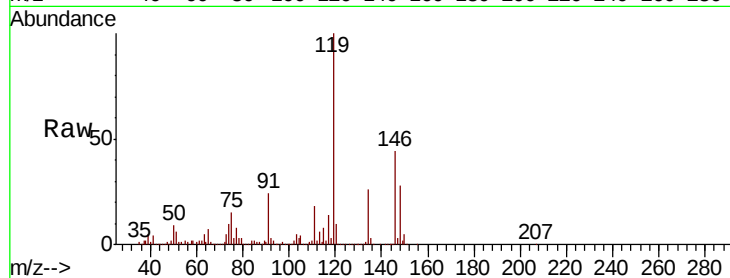
Tot Ion:146 Resp: 371525

Ion Ratio Lower Upper

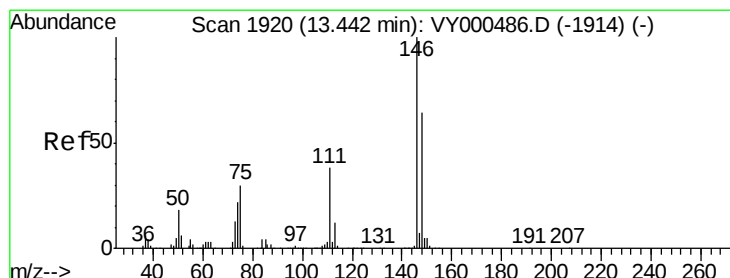
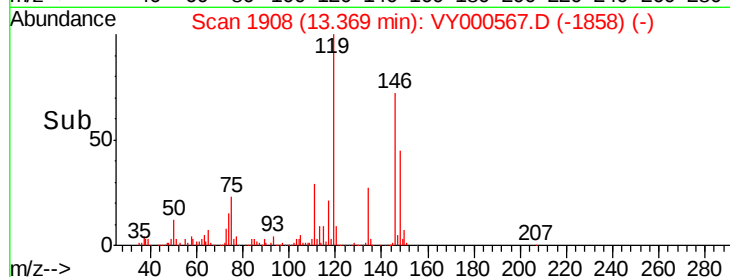
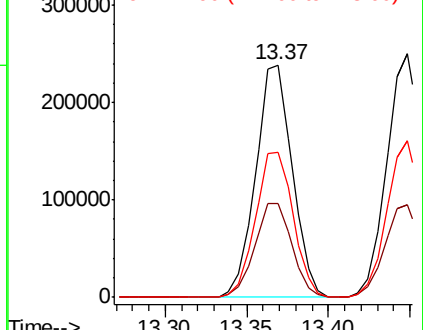
146 100

111 41.1 20.3 60.8

148 64.3 31.5 94.5



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



#88

1,4-Dichlorobenzene

Concen: 52.820 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

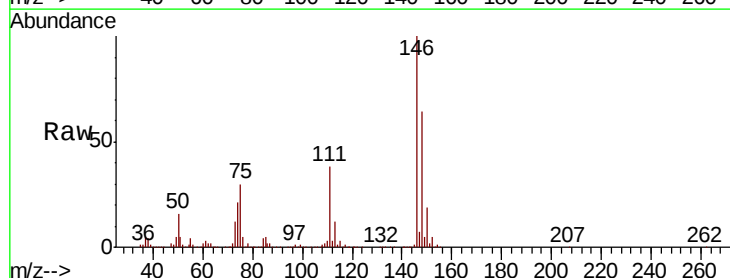
Tgt Ion:146 Resp: 379406

Ion Ratio Lower Upper

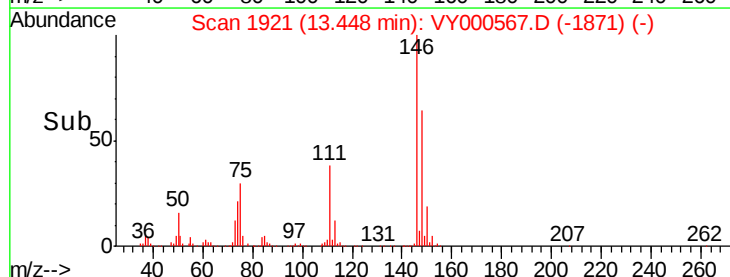
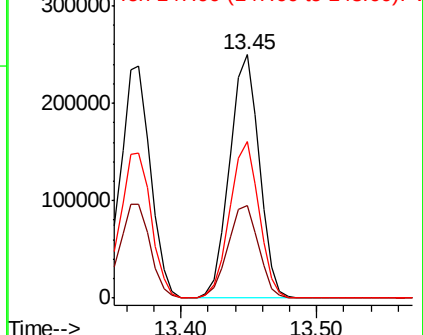
146 100

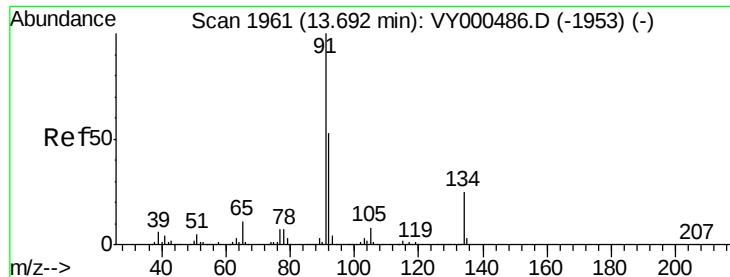
111 39.3 19.7 59.0

148 63.6 31.9 95.7



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





#89

n-Butylbenzene

Concen: 54.860 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

ClientSampleId :

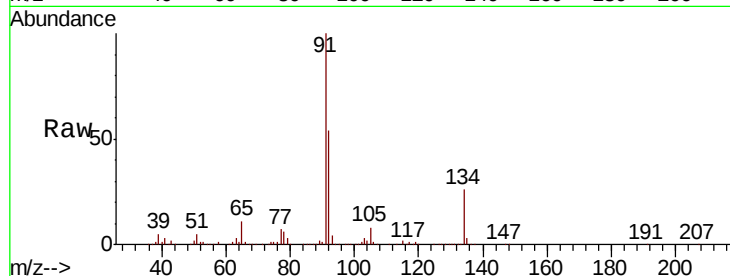
Tot Ion: 91 Resp: 790693

Ion Ratio Lower Upper

91 100

92 53.9 26.8 80.3

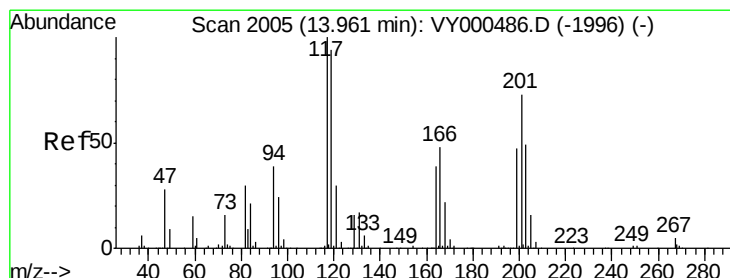
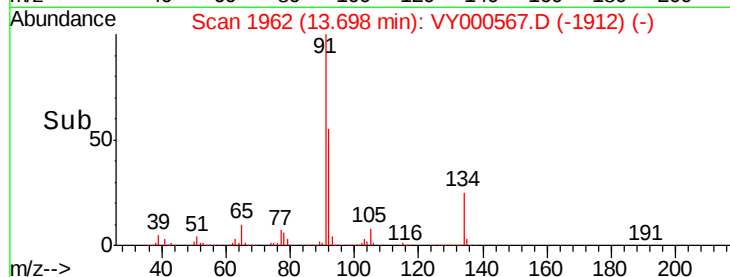
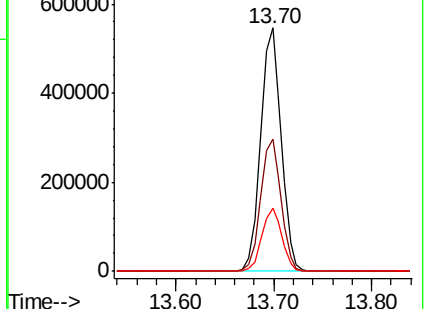
134 25.3 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY000486.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY000486.D (-1953) (-)



#90

Hexachloroethane

Concen: 55.056 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY000567.D

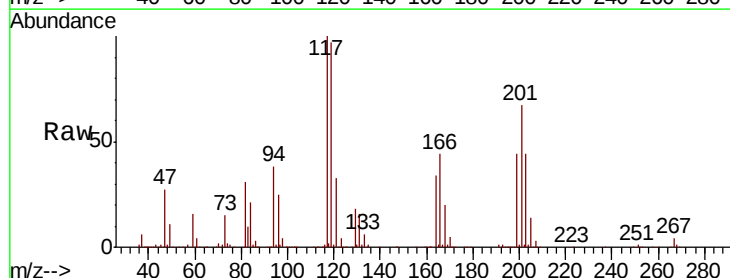
Acq: 07 Nov 2019 09:49

Tgt Ion: 117 Resp: 148735

Ion Ratio Lower Upper

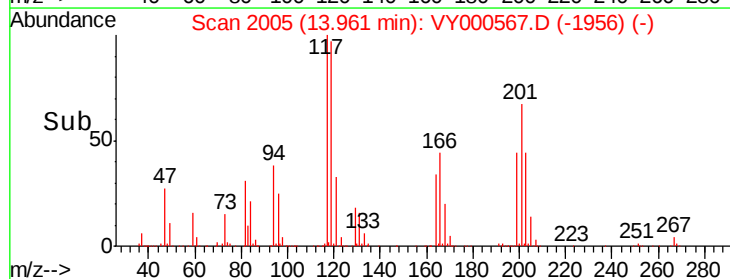
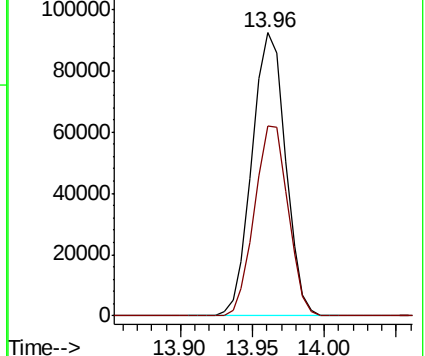
117 100

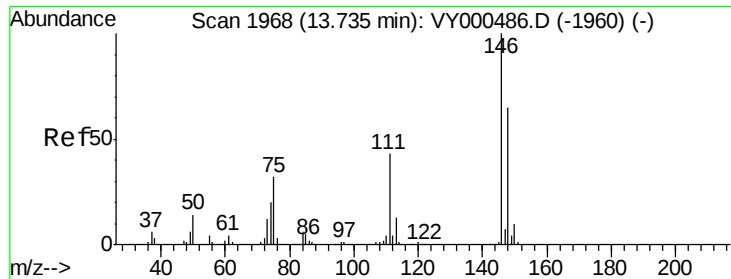
201 67.4 35.8 107.3



Abundance Ion 116.80 (116.50 to 117.50): VY000486.D (-1996) (-)

Ion 200.70 (200.40 to 201.40): VY000486.D (-1996) (-)





#91

1,2-Dichlorobenzene

Concen: 52.761 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

ClientSampleId :

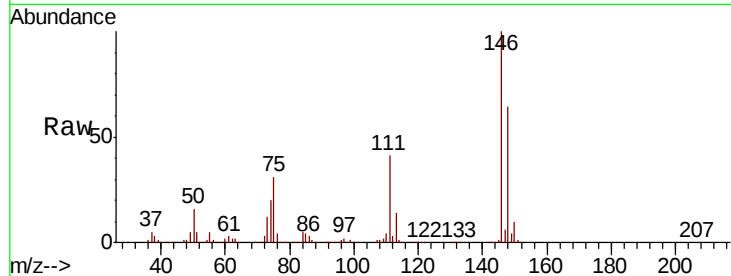
Tot Ion:146 Resp: 344103

Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.5

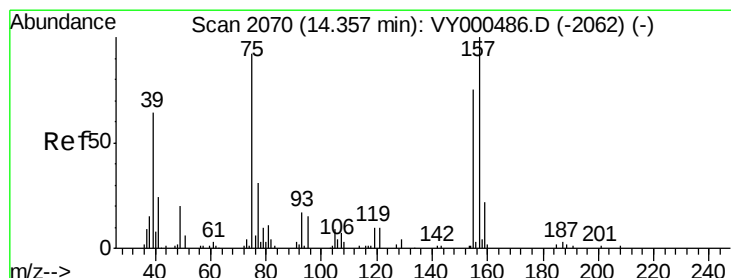
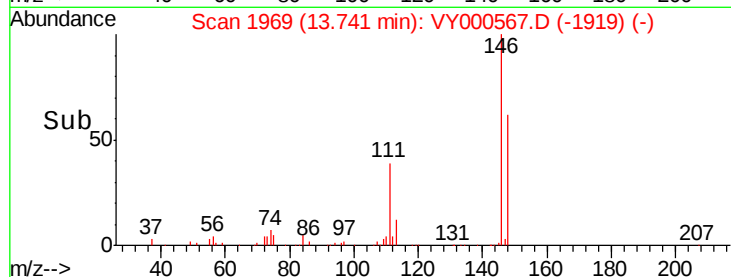
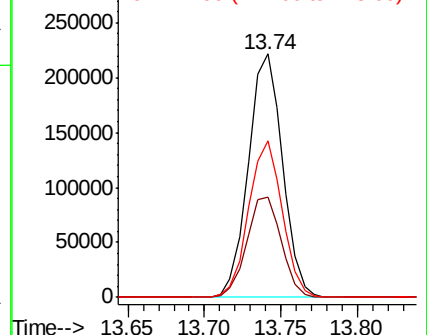
148 63.0 31.7 95.1



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: 50.360 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

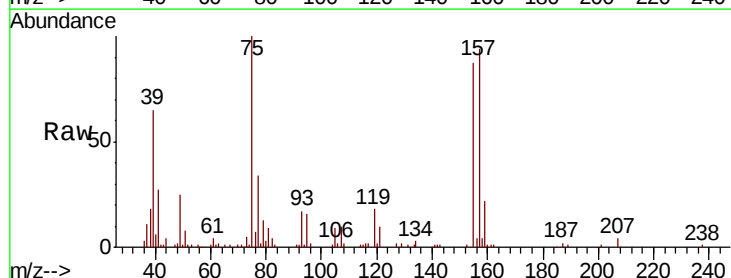
Tgt Ion: 75 Resp: 28559

Ion Ratio Lower Upper

75 100

155 84.0 42.4 127.1

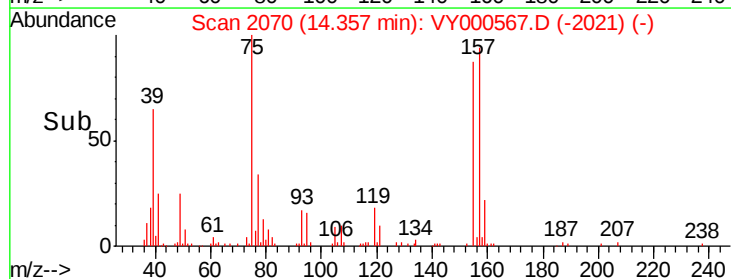
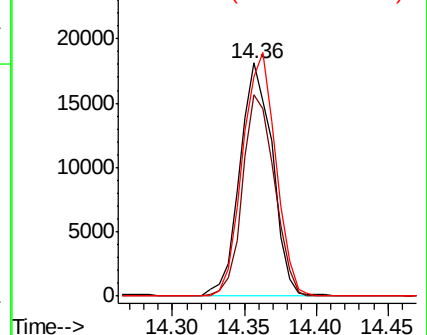
157 105.5 55.1 165.3

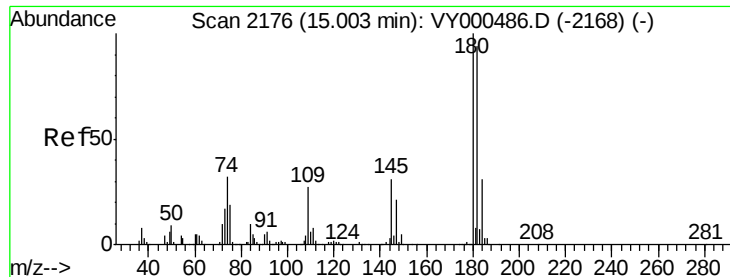


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

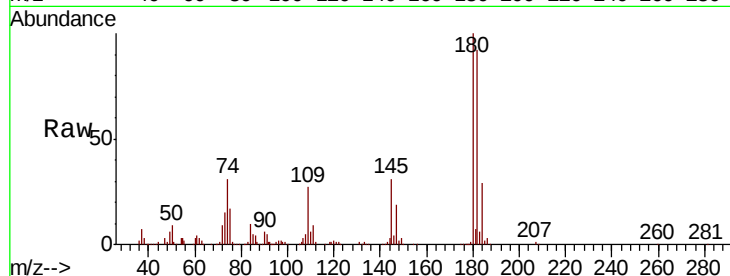




#93
 1,2,4-Trichlorobenzene
 Concen: 51.298 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000567.D
 Acq: 07 Nov 2019 09:49

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.8	143.4
145	31.2	16.0	47.9

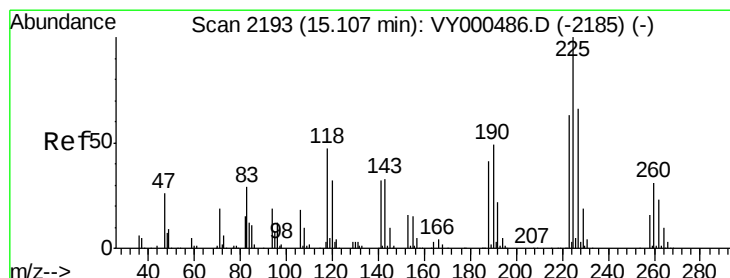
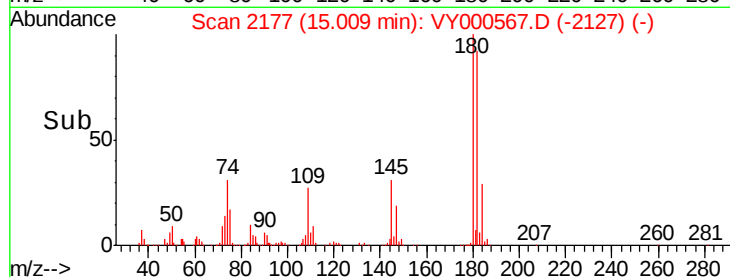
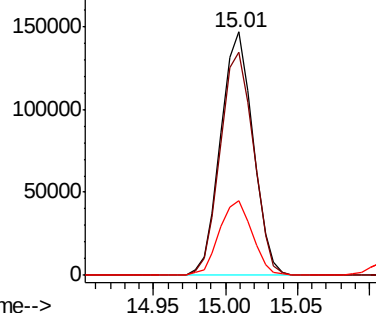


Abundance

Ion 179.80 (179.50 to 180.50): V

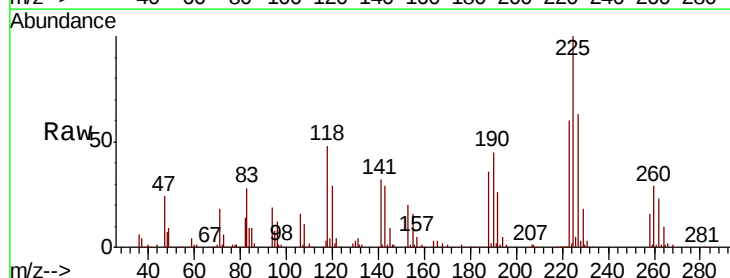
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.078 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000567.D
 Acq: 07 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.3	93.8
227	62.6	32.4	97.0

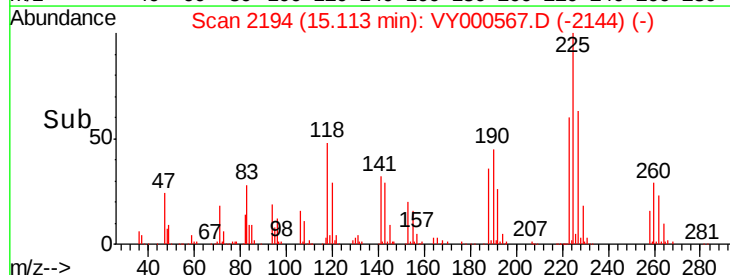
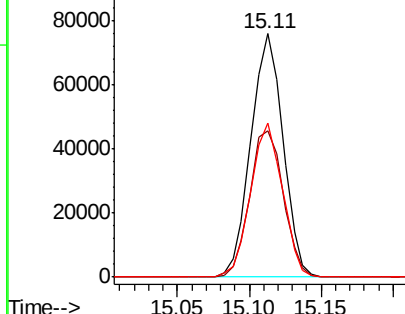


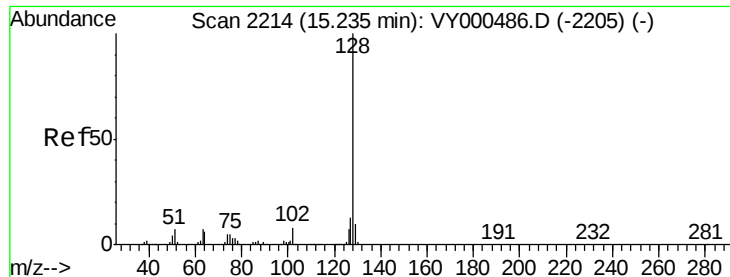
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.200 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

Instrument :

MSVOA_Y

ClientSampleId :

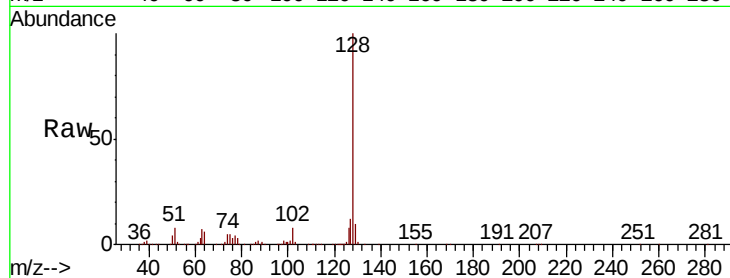
Tot Ion:128 Resp: 504737

Ion Ratio Lower Upper

128 100

127 12.1 9.8 14.6

129 10.7 8.7 13.1

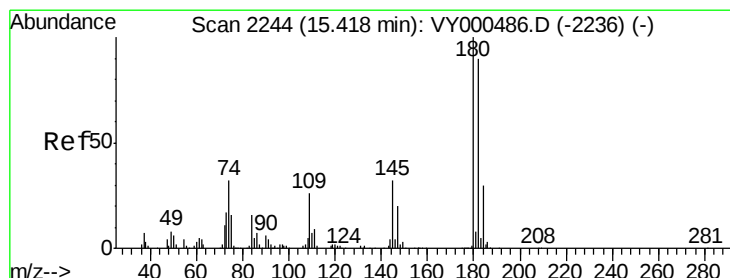
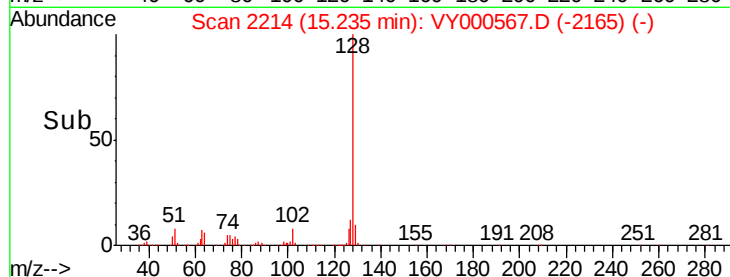
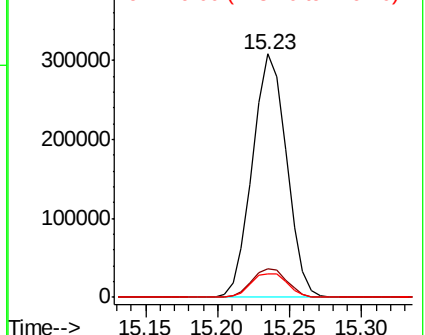


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.591 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.01 min

Lab File: VY000567.D

Acq: 07 Nov 2019 09:49

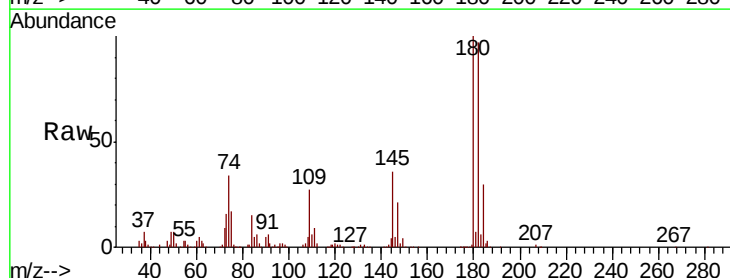
Tgt Ion:180 Resp: 201557

Ion Ratio Lower Upper

180 100

182 95.8 47.4 142.3

145 32.4 15.7 47.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

