

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021320\
 Data File : VY001633.D
 Acq On : 13 Feb 2020 17:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 14 06:25:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	180306	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	319904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	290172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	137006	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	96334	53.06	ug/l	0.00
Spiked Amount						
			Recovery	=	106.12%	
35) Dibromofluoromethane	7.75	113	88469	47.96	ug/l	0.00
Spiked Amount						
			Recovery	=	95.92%	
50) Toluene-d8	10.20	98	361375	51.78	ug/l	0.01
Spiked Amount						
			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.49	95	134844	49.04	ug/l	0.00
Spiked Amount						
			Recovery	=	98.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	76756	43.489	ug/l	96
3) Chloromethane	2.13	50	100665	54.570	ug/l	96
4) Vinyl Chloride	2.27	62	104968	54.801	ug/l	99
5) Bromomethane	2.66	94	69351	57.571	ug/l	99
6) Chloroethane	2.81	64	67422	58.396	ug/l	98
7) Trichlorofluoromethane	3.15	101	141489	44.626	ug/l	100
8) Diethyl Ether	3.55	74	56169	52.499	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.93	101	87992	46.126	ug/l	98
10) Methyl Iodide	4.12	142	109016	44.849	ug/l	99
11) Tert butyl alcohol	5.00	59	54020	266.897	ug/l	99
12) 1,1-Dichloroethene	3.90	96	88973	46.935	ug/l	99
13) Acrolein	3.76	56	45132	262.549	ug/l	98
14) Allyl chloride	4.51	41	161877	55.821	ug/l	96
15) Acrylonitrile	5.21	53	150771	307.393	ug/l	99
16) Acetone	3.98	43	132440	252.204	ug/l	99
17) Carbon Disulfide	4.22	76	274924	45.557	ug/l	99
18) Methyl Acetate	4.51	43	68774	61.372	ug/l	95
19) Methyl tert-butyl Ether	5.25	73	260696	51.712	ug/l	94
20) Methylene Chloride	4.75	84	104988	51.170	ug/l	90
21) trans-1,2-Dichloroethene	5.26	96	102151	48.473	ug/l	97
22) Diisopropyl ether	6.15	45	340022	59.182	ug/l	93
23) Vinyl Acetate	6.10	43	1127494	308.270	ug/l	95
24) 1,1-Dichloroethane	6.05	63	180798	52.317	ug/l	98
25) 2-Butanone	7.02	43	208625	306.227	ug/l	92
26) 2,2-Dichloropropane	7.02	77	152099	45.987	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	116296	50.525	ug/l	97
28) Bromochloromethane	7.36	49	78564	66.734	ug/l	86
29) Tetrahydrofuran	7.38	42	135376	331.531	ug/l	91
30) Chloroform	7.54	83	174401	49.821	ug/l	97
31) Cyclohexane	7.81	56	173793	49.163	ug/l	95
32) 1,1,1-Trichloroethane	7.73	97	146881	46.280	ug/l	97
36) 1,1-Dichloropropene	7.94	75	140734	48.089	ug/l	99
37) Ethyl Acetate	7.10	43	87876	62.028	ug/l	96
38) Carbon Tetrachloride	7.93	117	126704	44.749	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021320\
 Data File : VY001633.D
 Acq On : 13 Feb 2020 17:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 14 06:25:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.21	83	181719	47.158	ug/l	99
40) Benzene	8.19	78	420591	50.386	ug/l	99
41) Methacrylonitrile	7.38	41	121035	184.336	ug/l #	20
42) 1,2-Dichloroethane	8.26	62	119624	51.439	ug/l	99
43) Isopropyl Acetate	8.30	43	170960	60.948	ug/l	94
44) Trichloroethene	8.96	130	104871	46.609	ug/l	98
45) 1,2-Dichloropropane	9.24	63	108835	53.994	ug/l	98
46) Dibromomethane	9.33	93	57659	50.942	ug/l	98
47) Bromodichloromethane	9.52	83	135490	49.130	ug/l	97
48) Methyl methacrylate	9.31	41	76985	60.470	ug/l	92
49) 1,4-Dioxane	9.32	88	16268	1088.314	ug/l	97
51) 4-Methyl-2-Pentanone	10.09	43	447280	323.789	ug/l	94
52) Toluene	10.26	92	263148	49.684	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	151011	50.274	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	174329	50.553	ug/l	94
55) 1,1,2-Trichloroethane	10.66	97	83797	51.601	ug/l	96
56) Ethyl methacrylate	10.52	69	128304	55.548	ug/l	92
57) 1,3-Dichloropropane	10.81	76	149247	52.136	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	241522	284.241	ug/l	95
59) 2-Hexanone	10.85	43	323800	322.383	ug/l	95
60) Dibromochloromethane	11.00	129	94615	49.428	ug/l	99
61) 1,2-Dibromoethane	11.11	107	80860	50.554	ug/l	97
64) Tetrachloroethene	10.74	164	84476	44.391	ug/l	98
65) Chlorobenzene	11.53	112	273797	48.056	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	94789	47.535	ug/l	100
67) Ethyl Benzene	11.61	91	510698	48.479	ug/l	100
68) m/p-Xylenes	11.72	106	381006	96.343	ug/l	99
69) o-Xylene	12.04	106	182231	48.872	ug/l	99
70) Styrene	12.06	104	319137	49.493	ug/l	98
71) Bromoform	12.22	173	54175	48.791	ug/l #	97
73) Isopropylbenzene	12.34	105	484485	46.366	ug/l	100
74) N-amyl acetate	12.16	43	161223	59.376	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	107196	53.996	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	140545	95.390	ug/l #	100
77) Bromobenzene	12.62	156	107697	47.626	ug/l	95
78) n-propylbenzene	12.69	91	596746	47.704	ug/l	99
79) 2-Chlorotoluene	12.77	91	333613	46.787	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	405734	46.106	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	39430	51.783	ug/l	99
82) 4-Chlorotoluene	12.87	91	352436	47.142	ug/l	100
83) tert-Butylbenzene	13.09	119	343521	46.182	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	403658	46.346	ug/l	99
85) sec-Butylbenzene	13.27	105	498359	47.652	ug/l	100
86) p-Isopropyltoluene	13.38	119	430221	46.682	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	205863	47.503	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	206738	47.618	ug/l	99
89) n-Butylbenzene	13.71	91	437784	48.144	ug/l	99
90) Hexachloroethane	13.97	117	82707	46.757	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	190657	48.546	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17181	46.879	ug/l	97

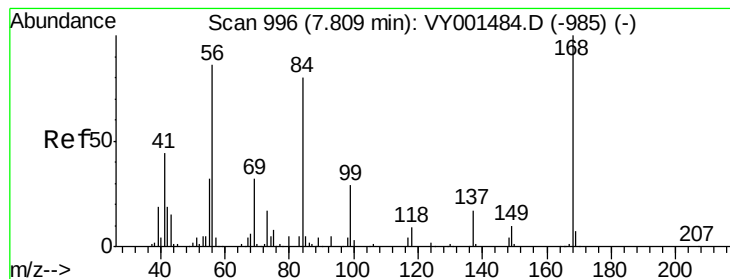
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021320\
Data File : VY001633.D
Acq On : 13 Feb 2020 17:57
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 14 06:25:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	120918	45.689	ug/l	99
94) Hexachlorobutadiene	15.12	225	60297	44.890	ug/l	99
95) Naphthalene	15.25	128	288757	46.424	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	106996	45.799	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :

MSVOA_Y

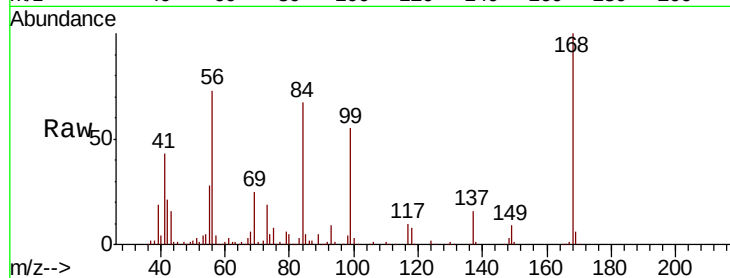
ClientSampleId :

Tot Ion:168 Resp: 180306

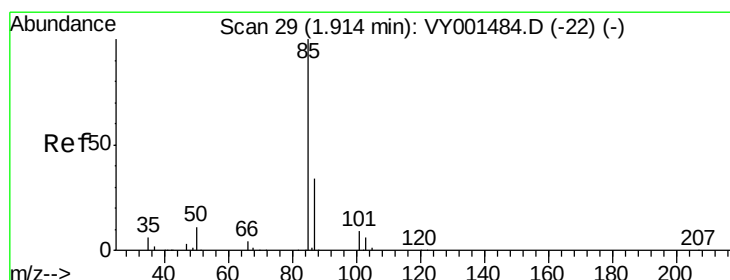
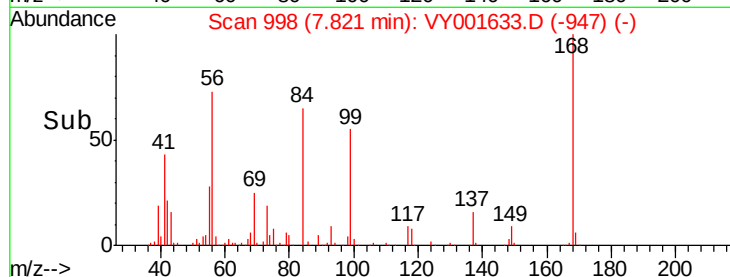
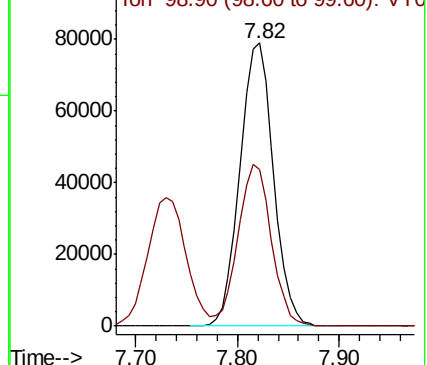
Ion Ratio Lower Upper

168 100

99 55.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001633.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 43.489 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001633.D

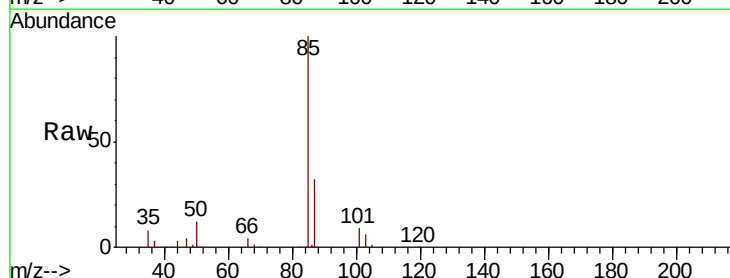
Acq: 13 Feb 2020 17:57

Tgt Ion: 85 Resp: 76756

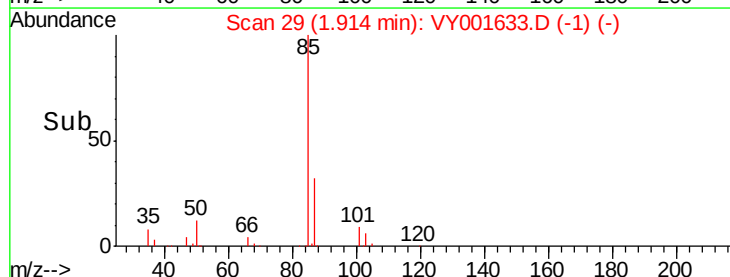
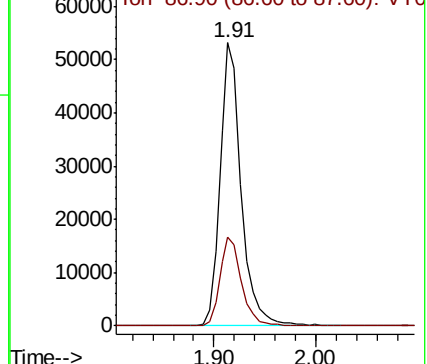
Ion Ratio Lower Upper

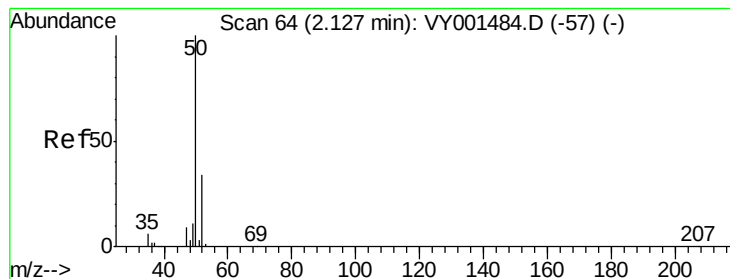
85 100

87 31.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001633.D (-1) (-)





#3

Chloromethane

Concen: 54.570 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :

MSVOA_Y

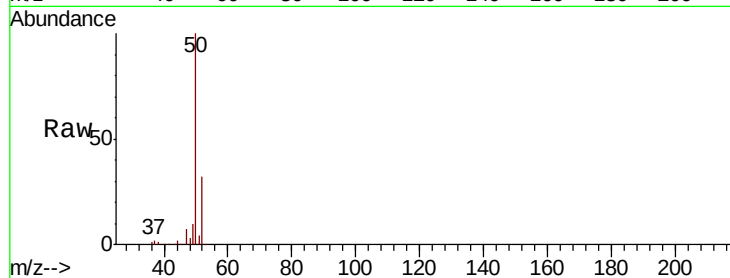
ClientSampleId :

Tot Ion: 50 Resp: 100665

Ion Ratio Lower Upper

50 100

52 32.0 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.13

60000

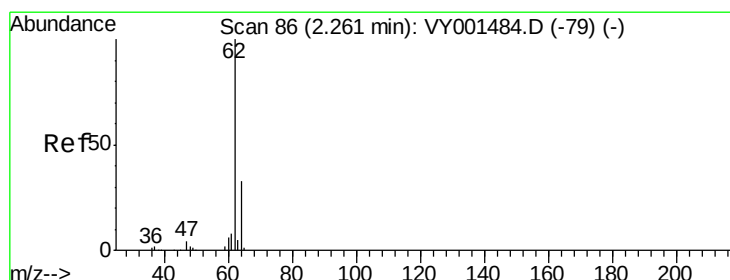
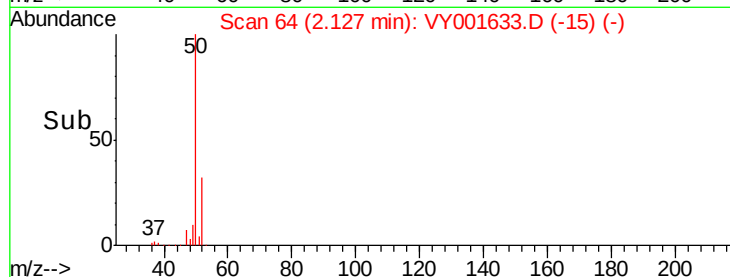
40000

20000

0

Time-->

2.05 2.10 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 54.801 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY001633.D

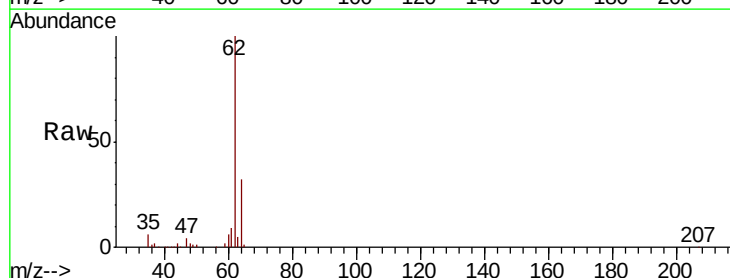
Acq: 13 Feb 2020 17:57

Tgt Ion: 62 Resp: 104968

Ion Ratio Lower Upper

62 100

64 32.5 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.27

60000

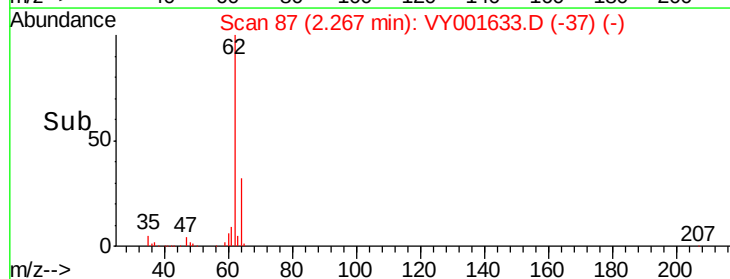
40000

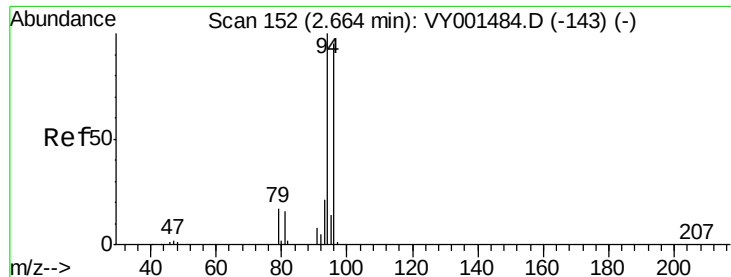
20000

0

Time-->

2.20 2.30 2.40





#5

Bromomethane

Concen: 57.571 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :

MSVOA_Y

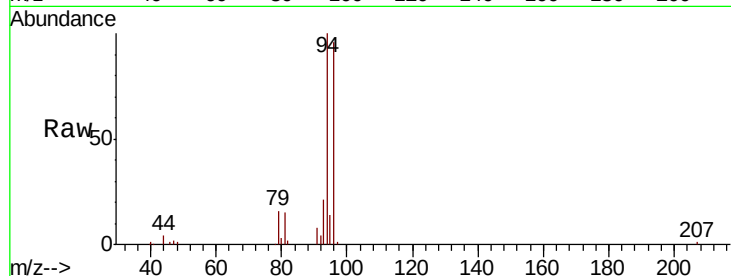
ClientSampleId :

Tot Ion: 94 Resp: 69351

Ion Ratio Lower Upper

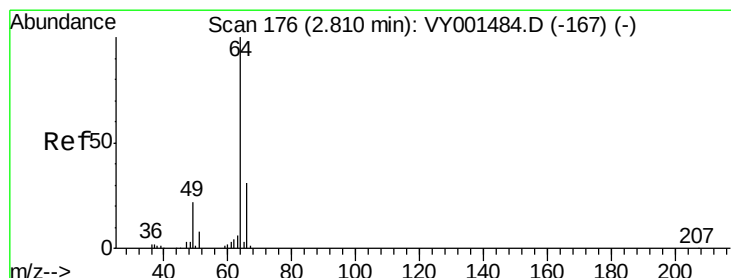
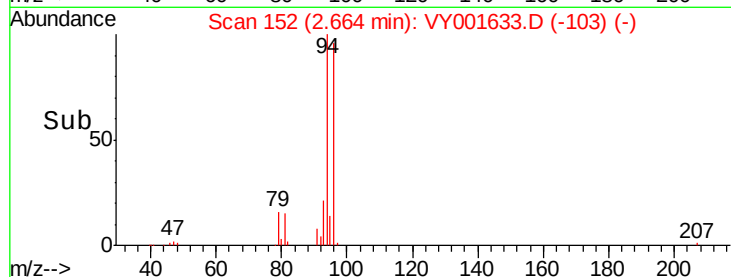
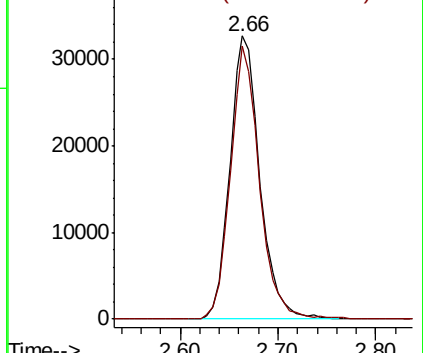
94 100

96 96.3 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 58.396 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001633.D

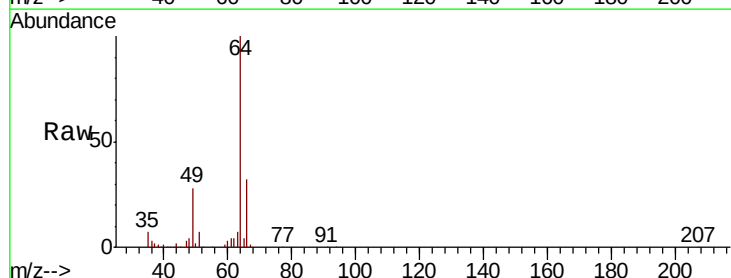
Acq: 13 Feb 2020 17:57

Tgt Ion: 64 Resp: 67422

Ion Ratio Lower Upper

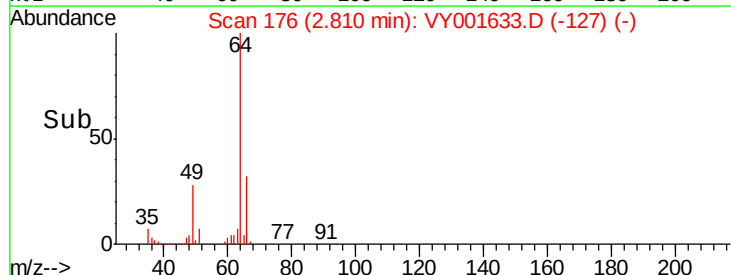
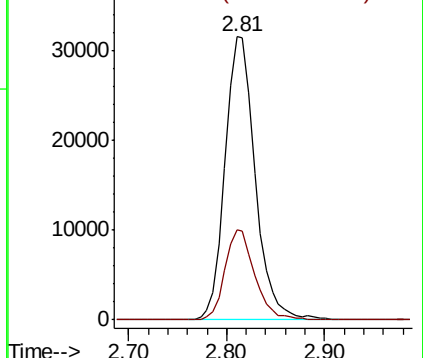
64 100

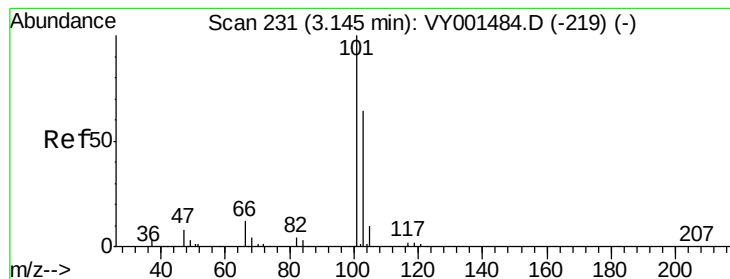
66 31.8 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



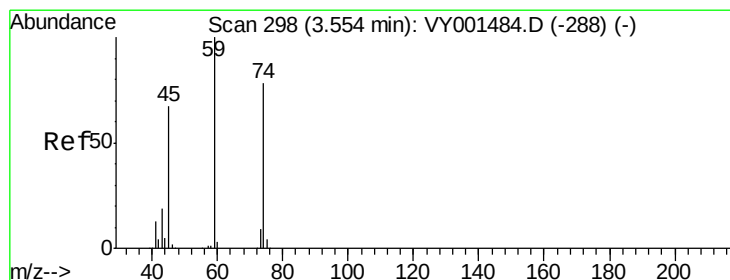
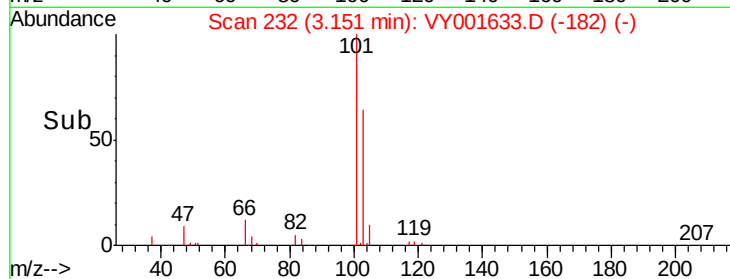
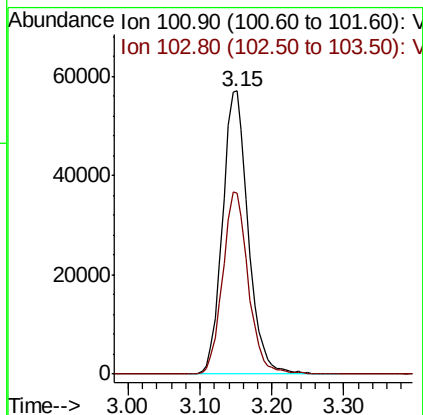
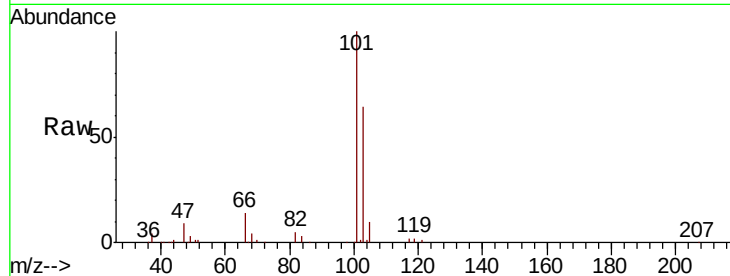


#7

Trichlorofluoromethane
 Concen: 44.626 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

Instrument :
 MSVOA_Y
 ClientSampleId :

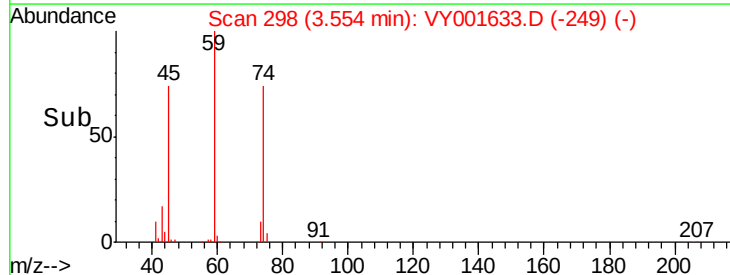
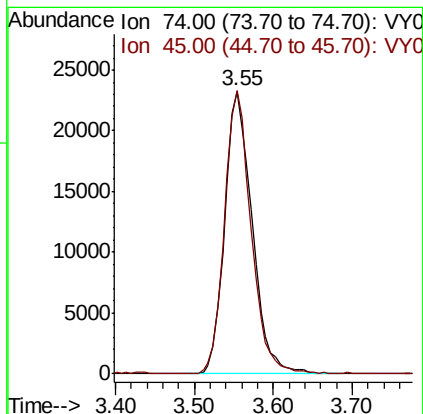
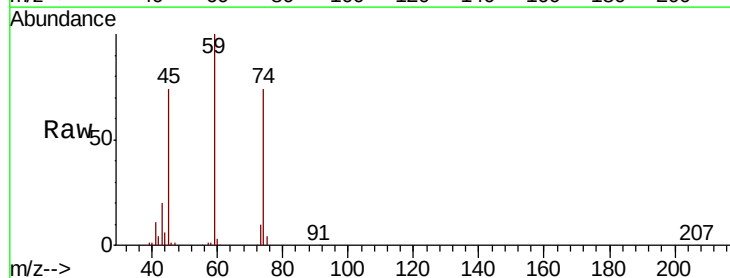
Tot Ion:101 Resp: 141489
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.9 76.3

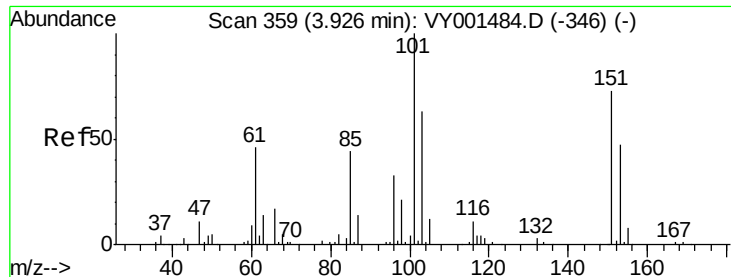


#8

Diethyl Ether
 Concen: 52.499 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

Tgt Ion: 74 Resp: 56169
 Ion Ratio Lower Upper
 74 100
 45 97.9 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.126 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

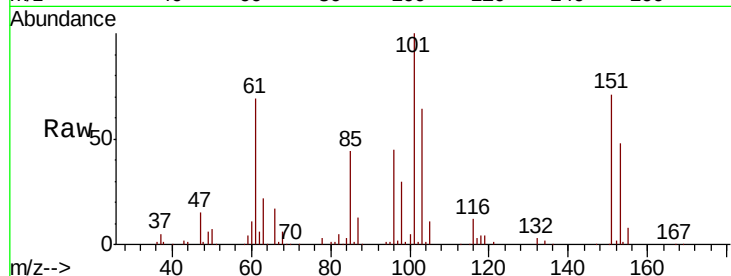
Tot Ion:101 Resp: 87992

Ion Ratio Lower Upper

101 100

85 44.5 34.6 51.8

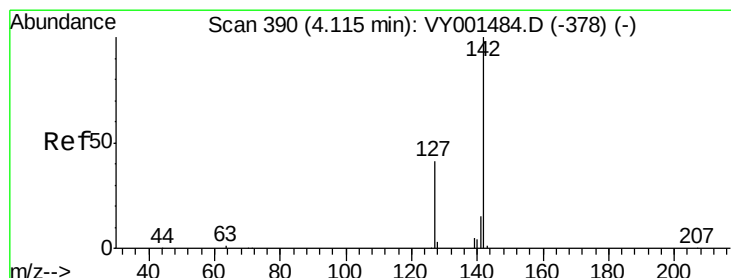
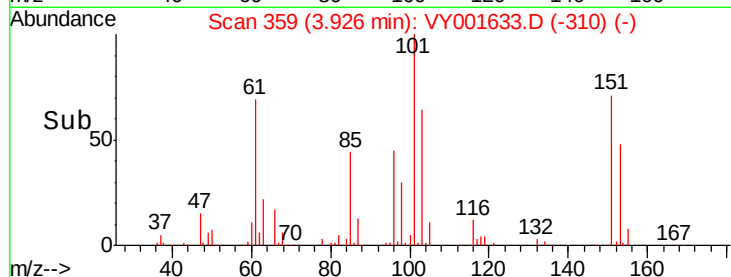
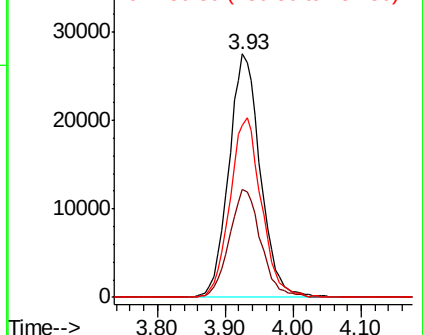
151 73.7 60.3 90.5



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: 44.849 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

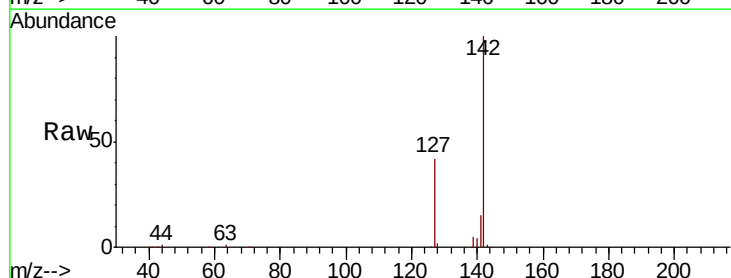
Tgt Ion:142 Resp: 109016

Ion Ratio Lower Upper

142 100

127 40.8 33.3 49.9

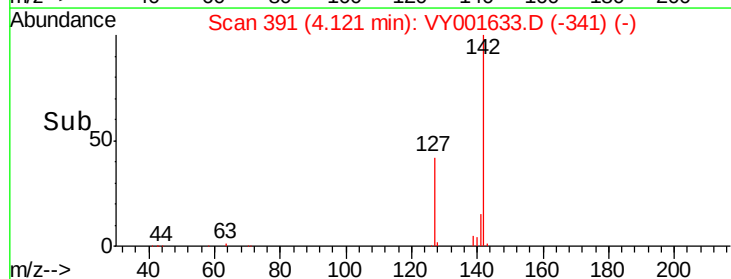
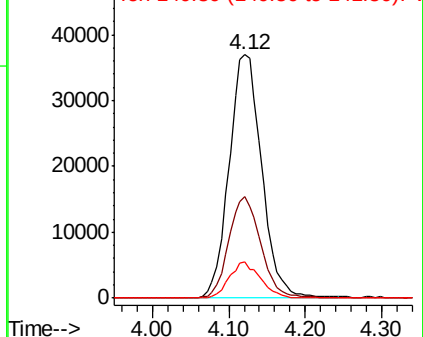
141 14.3 11.5 17.3

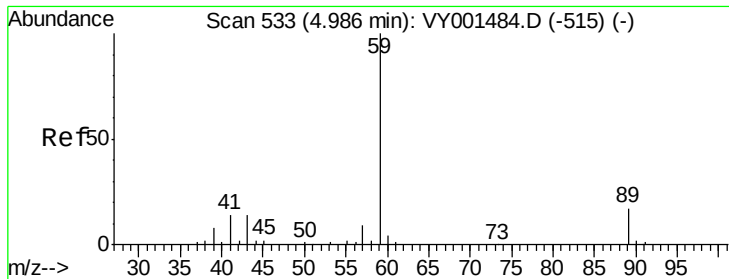


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

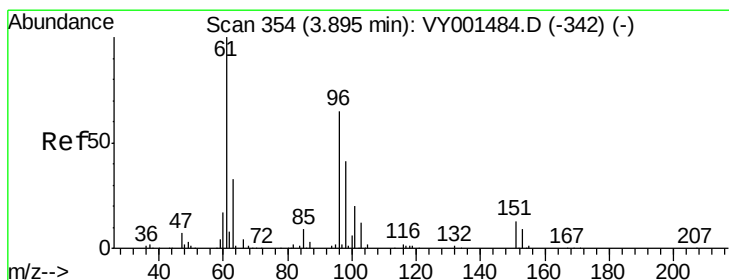
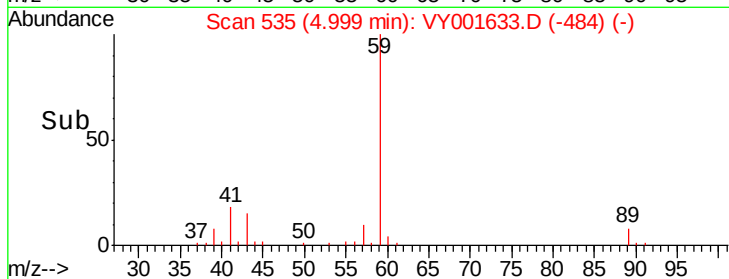
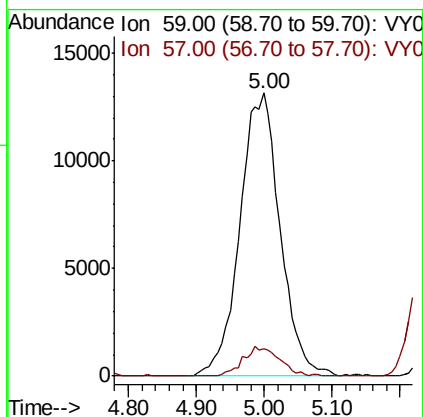
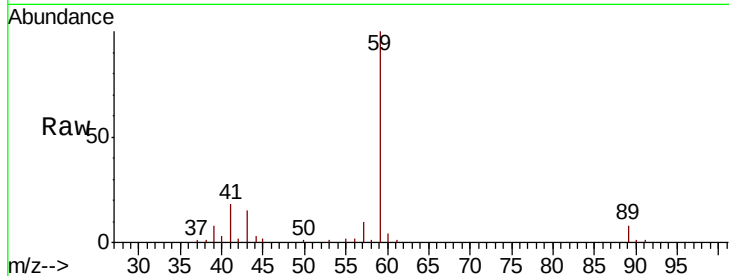




#11
Tert butyl alcohol
Concen: 266.897 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

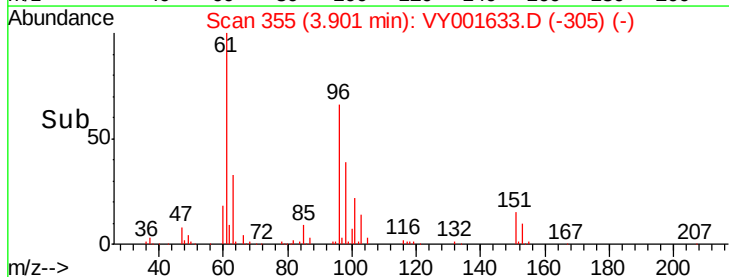
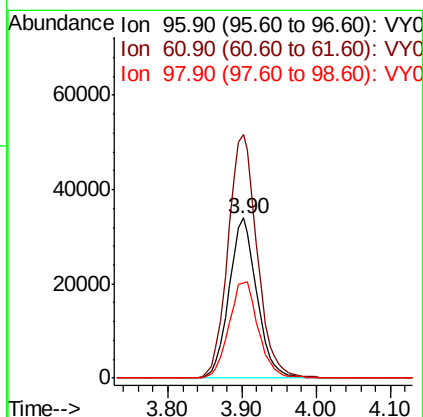
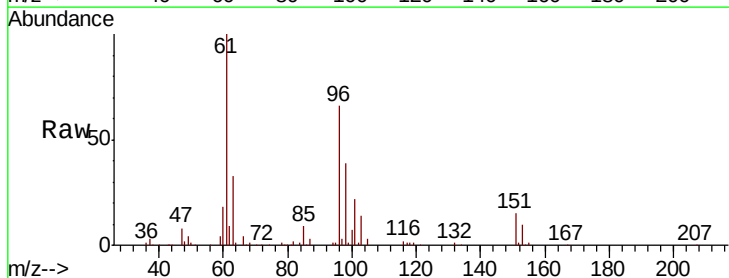
Instrument :
MSVOA_Y
ClientSampled :

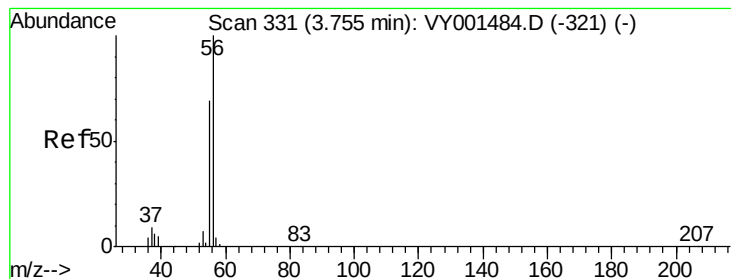
Tot Ion: 59 Resp: 54020
Ion Ratio Lower Upper
59 100
57 9.3 7.0 10.6



#12
1,1-Dichloroethene
Concen: 46.935 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion: 96 Resp: 88973
Ion Ratio Lower Upper
96 100
61 152.3 122.3 183.5
98 59.7 49.7 74.5





#13

Acrolein

Concen: 262.549 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :

MSVOA_Y

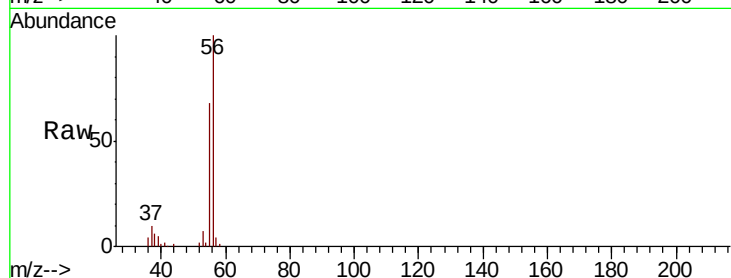
ClientSampleId :

Tot Ion: 56 Resp: 45132

Ion Ratio Lower Upper

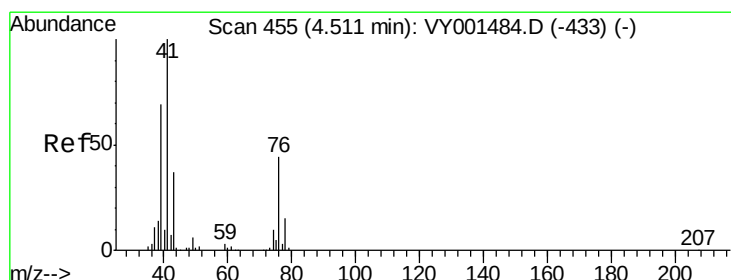
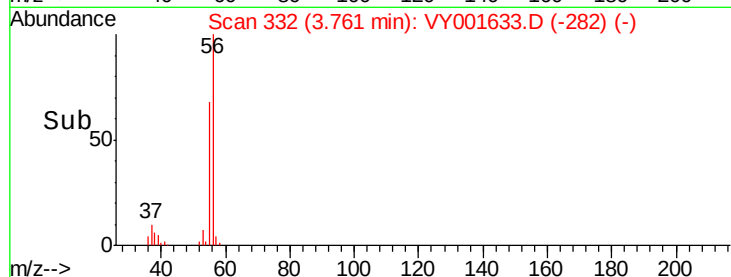
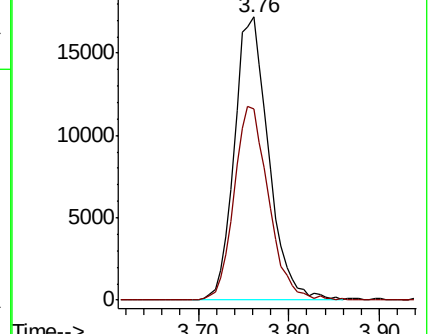
56 100

55 69.1 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 55.821 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

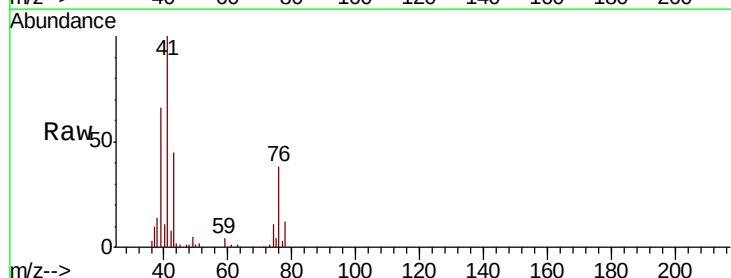
Tgt Ion: 41 Resp: 161877

Ion Ratio Lower Upper

41 100

39 64.9 53.0 79.6

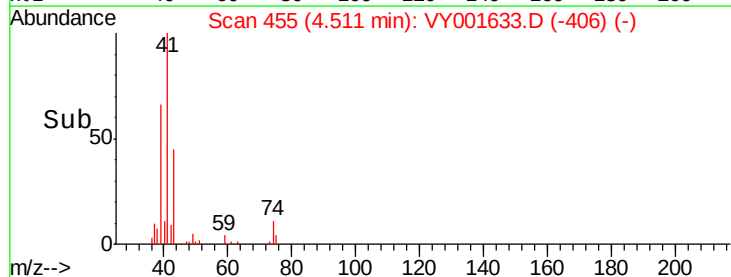
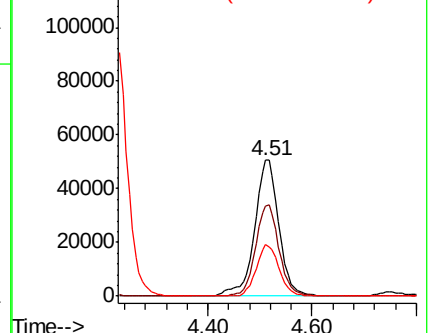
76 35.7 32.6 48.8

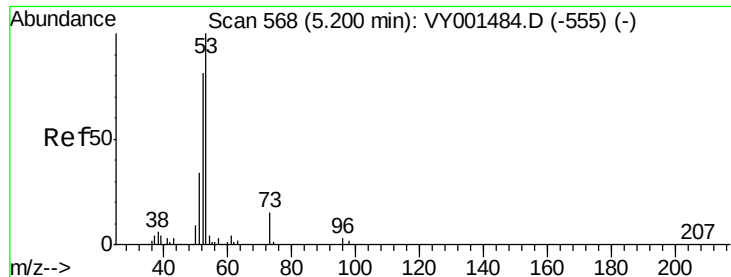


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 307.393 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

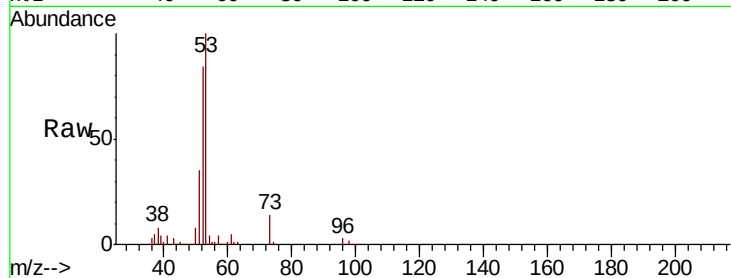
Tot Ion: 53 Resp: 150771

Ion Ratio Lower Upper

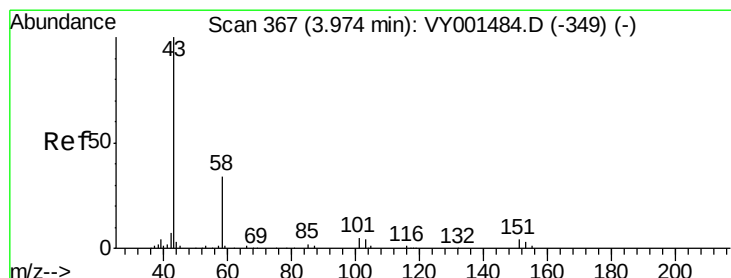
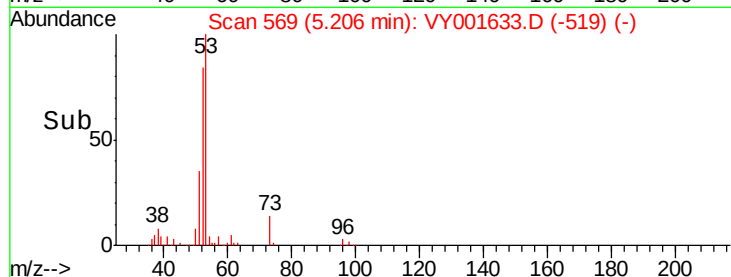
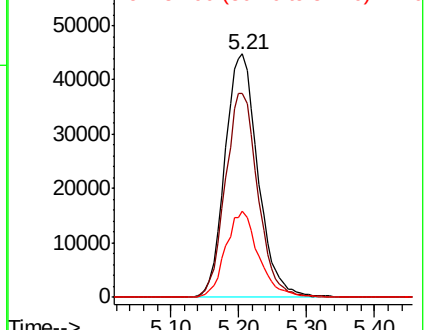
53 100

52 82.6 65.4 98.2

51 35.4 29.0 43.4



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



#16

Acetone

Concen: 252.204 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001633.D

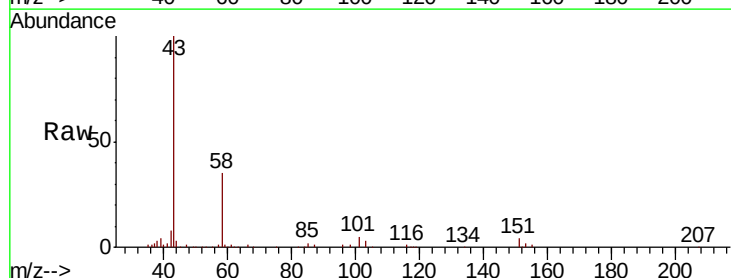
Acq: 13 Feb 2020 17:57

Tgt Ion: 43 Resp: 132440

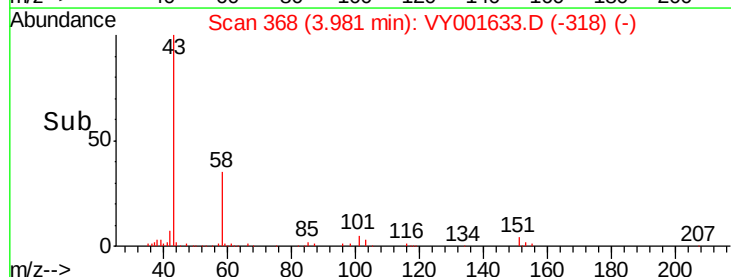
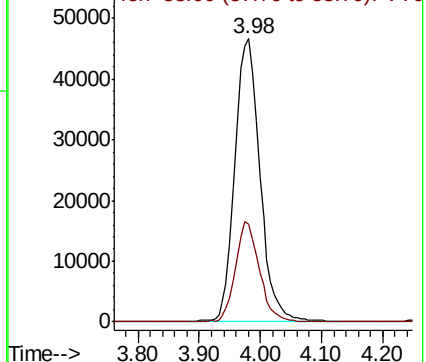
Ion Ratio Lower Upper

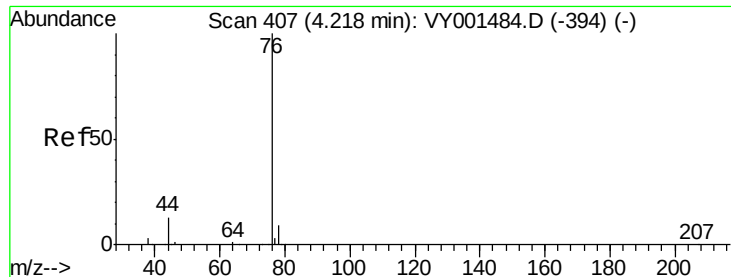
43 100

58 34.7 27.5 41.3



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





#17

Carbon Disulfide

Concen: 45.557 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :

MSVOA_Y

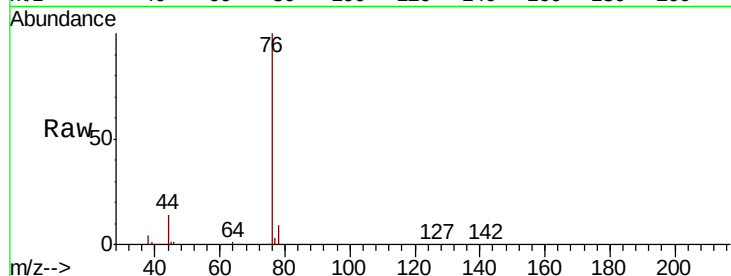
ClientSampleId :

Tot Ion: 76 Resp: 274924

Ion Ratio Lower Upper

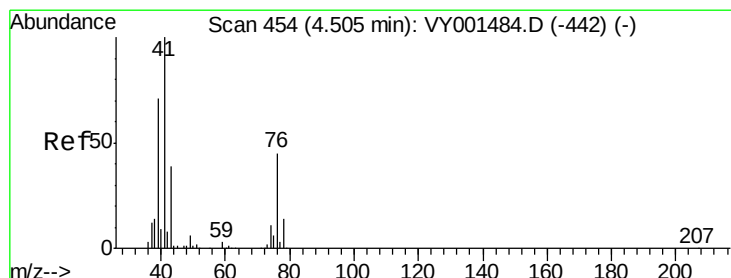
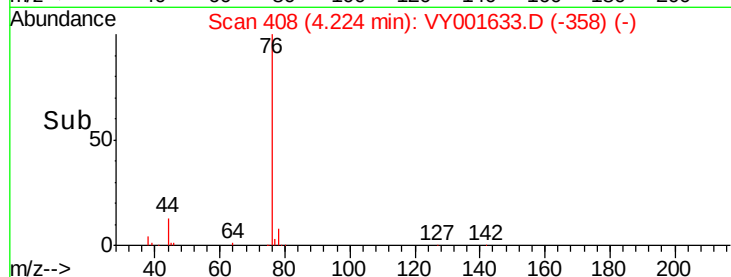
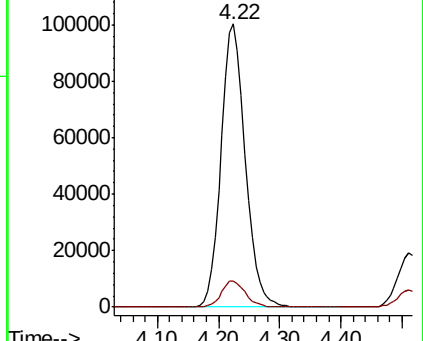
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 61.372 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY001633.D

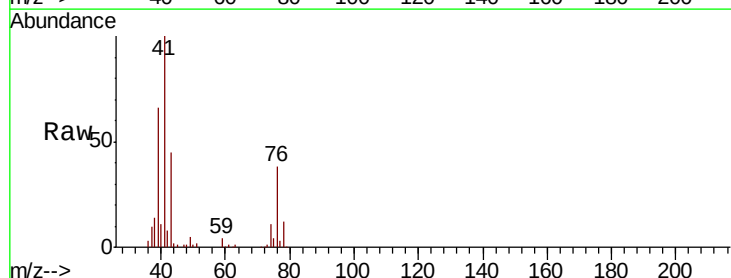
Acq: 13 Feb 2020 17:57

Tgt Ion: 43 Resp: 68774

Ion Ratio Lower Upper

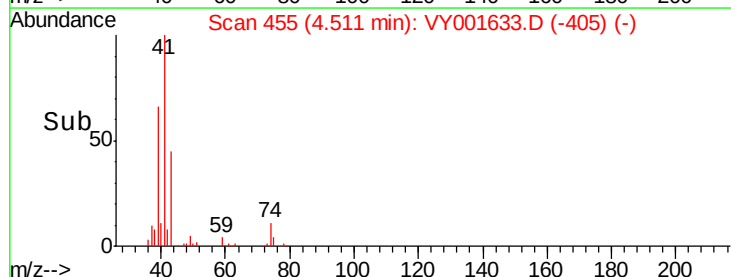
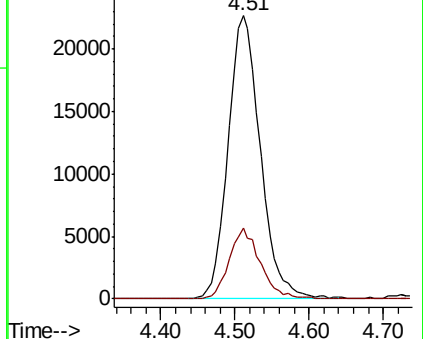
43 100

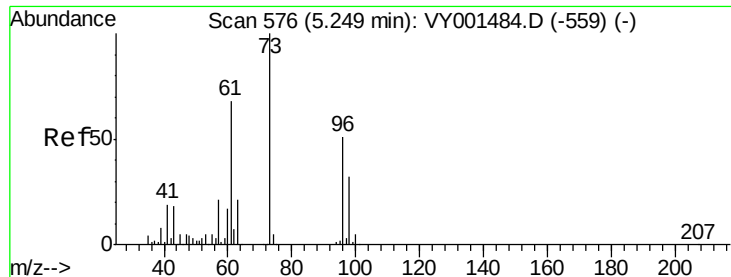
74 23.9 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

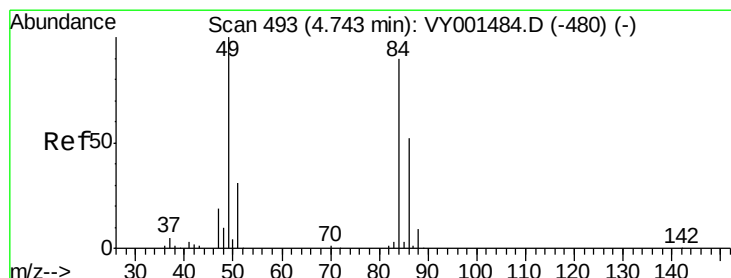
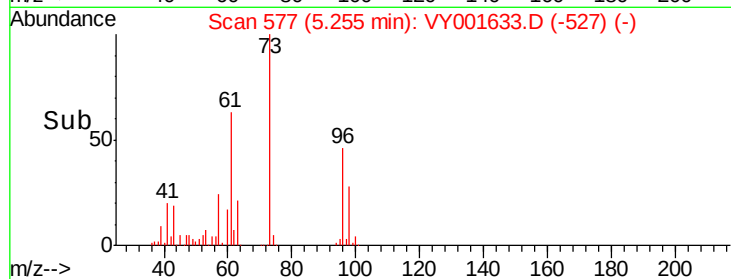
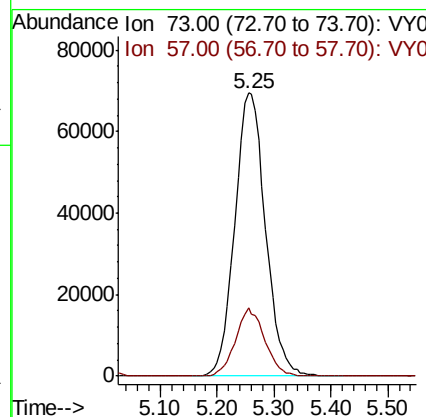
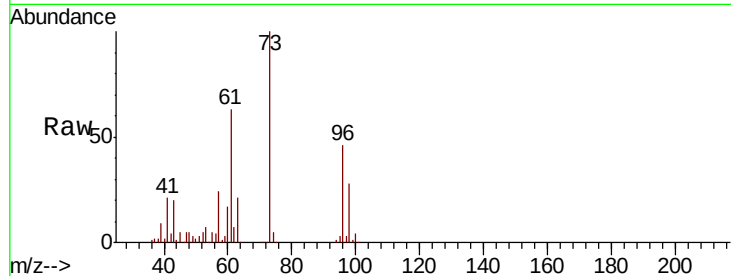




#19
Methyl tert-butyl Ether
Concen: 51.712 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

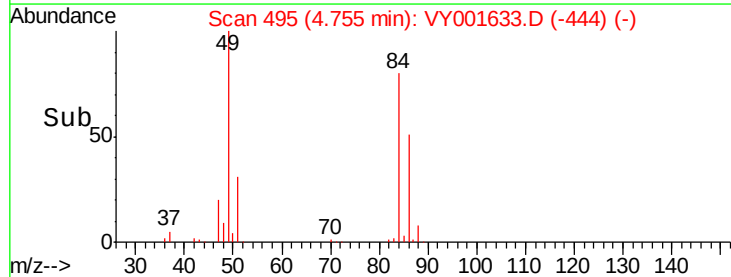
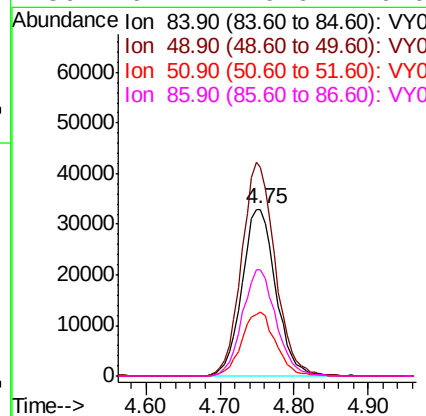
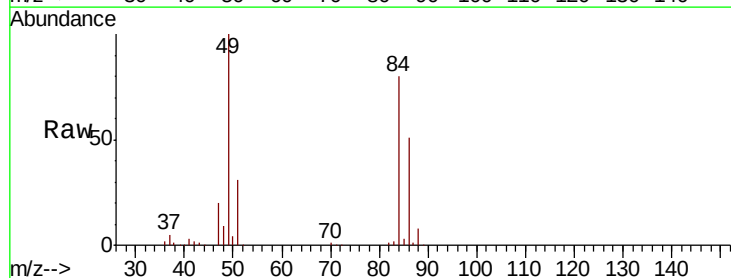
Instrument :
MSVOA_Y
ClientSampleId :

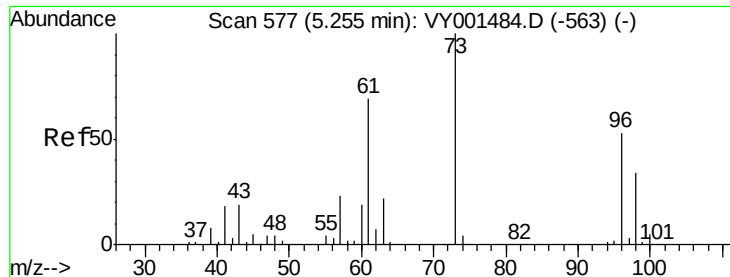
Tot Ion: 73 Resp: 260696
Ion Ratio Lower Upper
73 100
57 24.0 17.0 25.6



#20
Methylene Chloride
Concen: 51.170 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion: 84 Resp: 104988
Ion Ratio Lower Upper
84 100
49 125.0 89.0 133.6
51 38.2 27.4 41.2
86 64.1 46.6 70.0

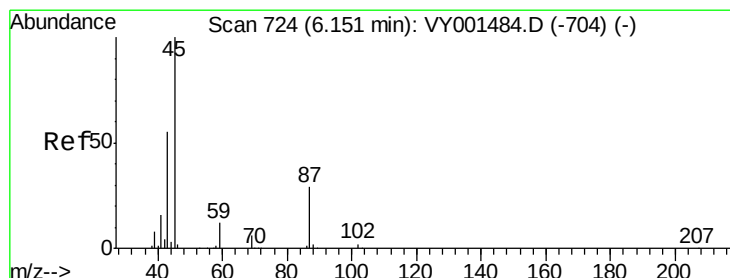
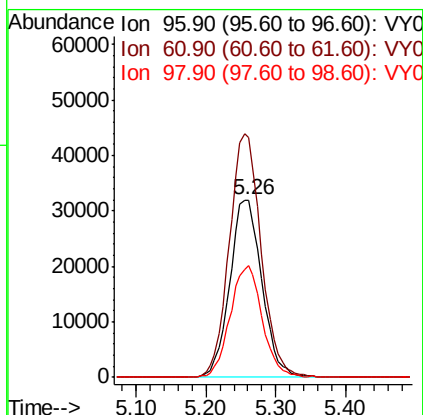
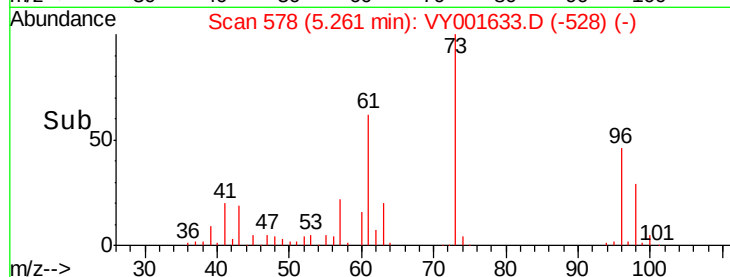
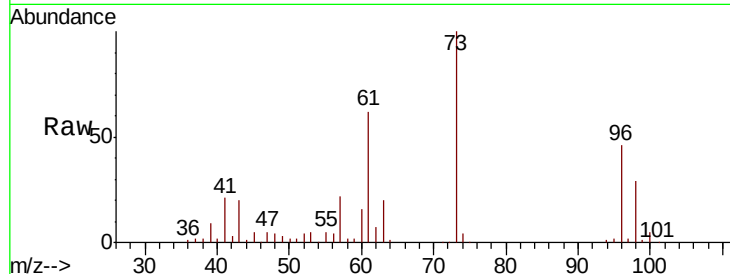




#21
trans-1,2-Dichloroethene
Concen: 48.473 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

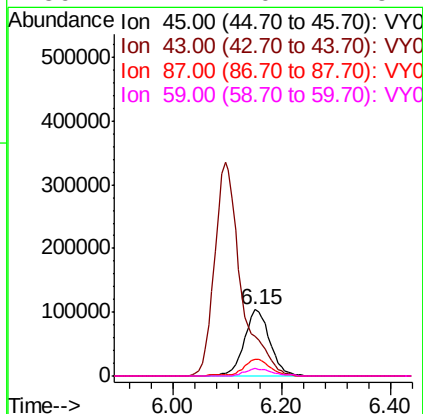
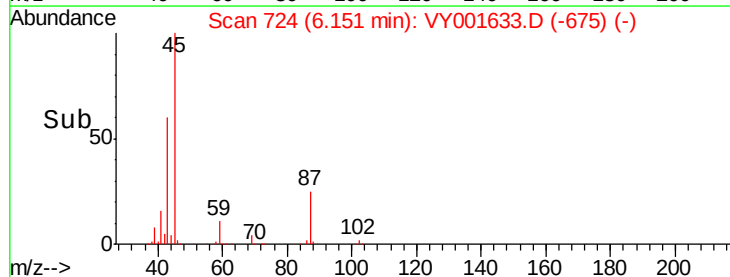
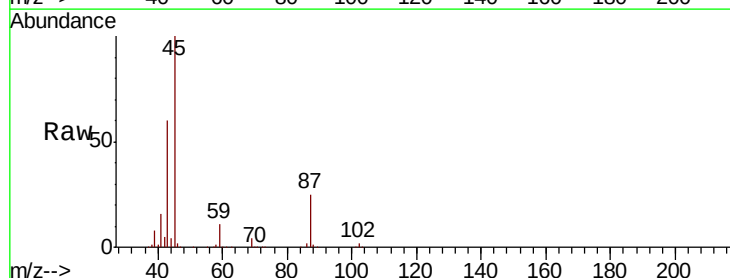
Instrument :
MSVOA_Y
ClientSampleId :

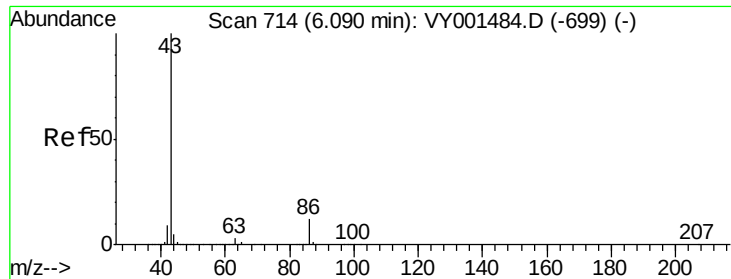
Tot Ion: 96 Resp: 102151
Ion Ratio Lower Upper
96 100
61 134.9 104.2 156.4
98 63.4 51.4 77.0



#22
Diisopropyl ether
Concen: 59.182 ug/l
RT: 6.15 min Scan# 724
Delta R.T. 0.00 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion: 45 Resp: 340022
Ion Ratio Lower Upper
45 100
43 59.9 44.2 66.4
87 25.3 23.9 35.9
59 11.1 10.2 15.2





#23

Vinyl Acetate

Concen: 308.270 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

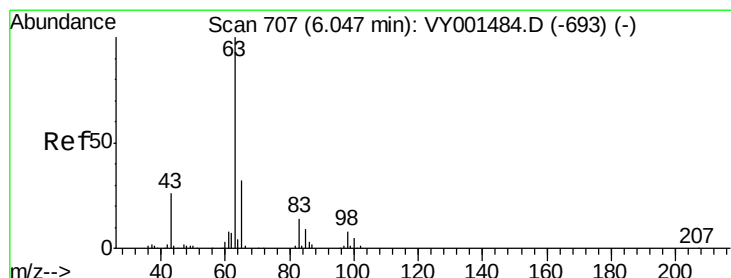
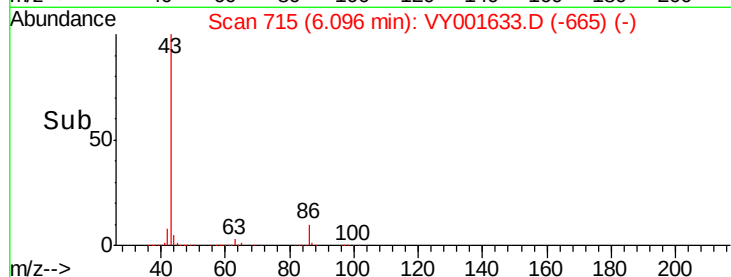
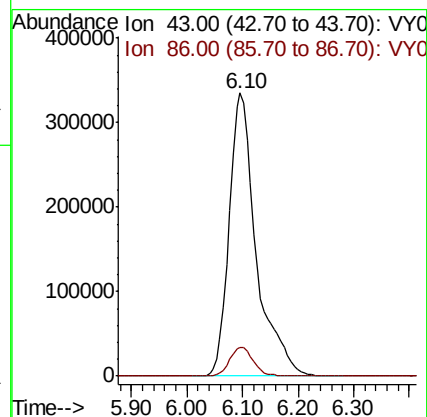
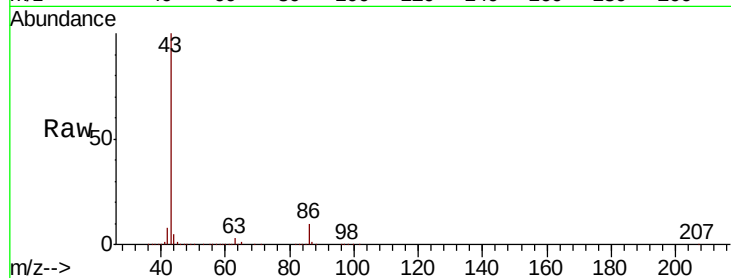
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1127494

Ion Ratio Lower Upper

43 100

86 10.2 9.8 14.8



#24

1,1-Dichloroethane

Concen: 52.317 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

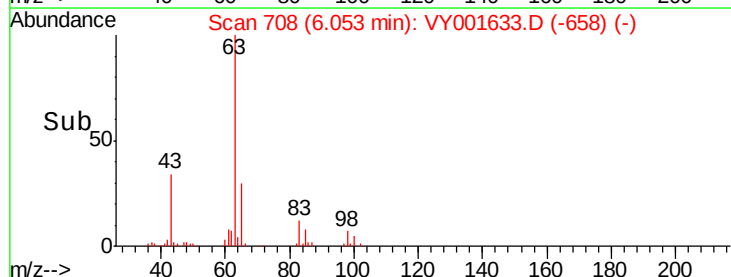
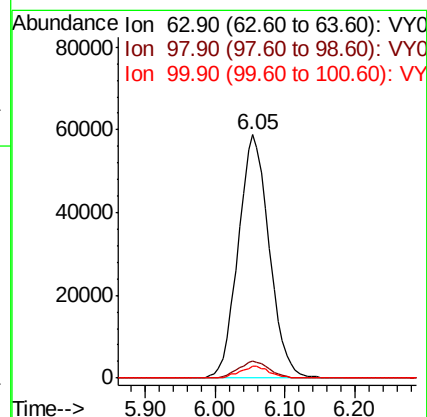
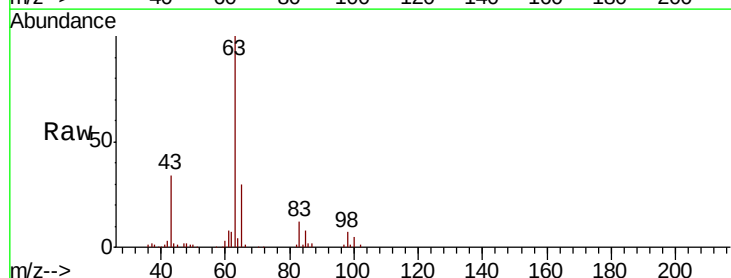
Tgt Ion: 63 Resp: 180798

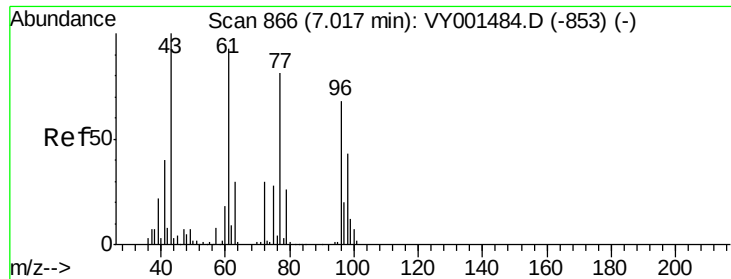
Ion Ratio Lower Upper

63 100

98 7.0 4.0 11.9

100 4.7 2.6 8.0





#25

2-Butanone

Concen: 306.227 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

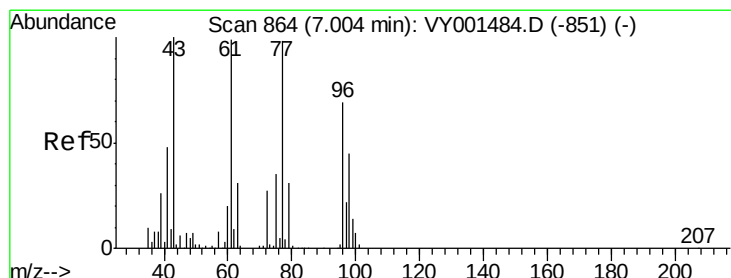
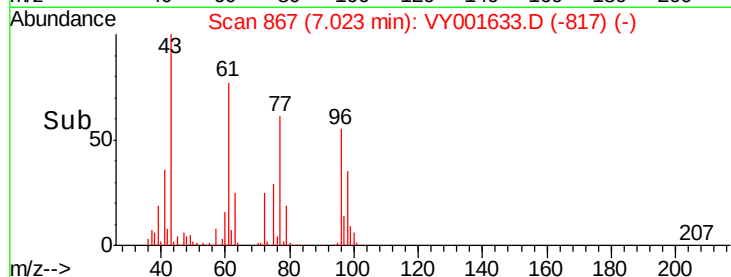
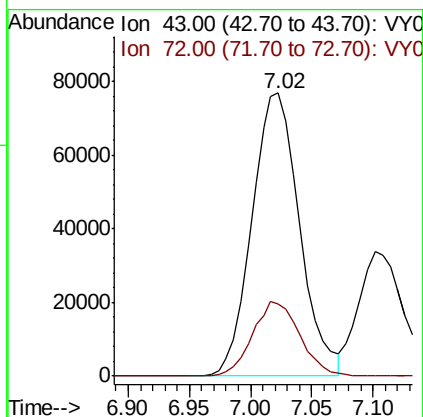
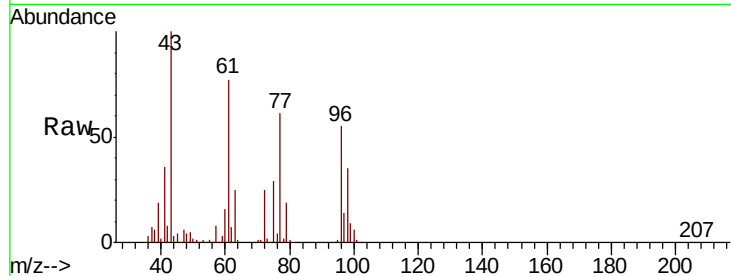
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 208625

Ion Ratio Lower Upper

43 100

72 25.5 23.8 35.8



#26

2,2-Dichloropropane

Concen: 45.987 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY001633.D

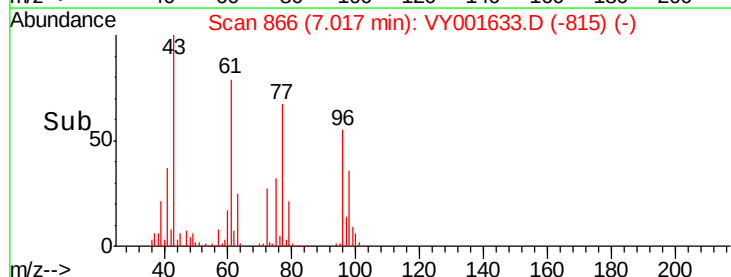
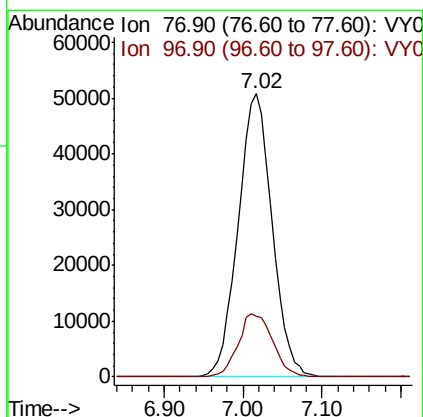
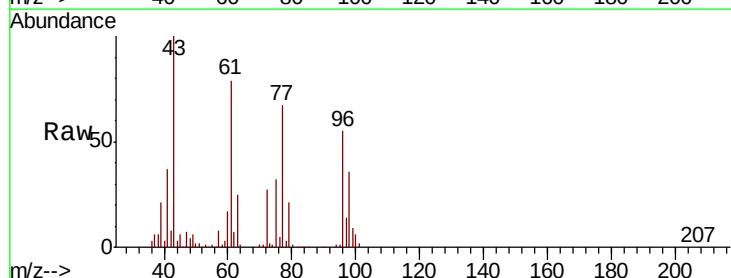
Acq: 13 Feb 2020 17:57

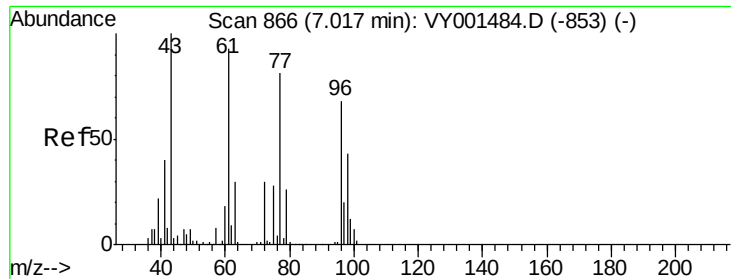
Tgt Ion: 77 Resp: 152099

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.0



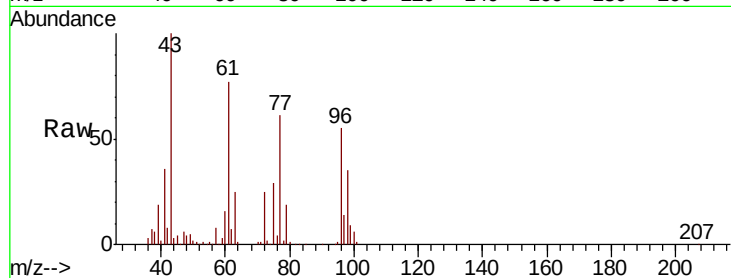


#27

cis-1,2-Dichloroethene
Concen: 50.525 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	96	Resp	116296
Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	278.8
98	63.0	0.0	128.8

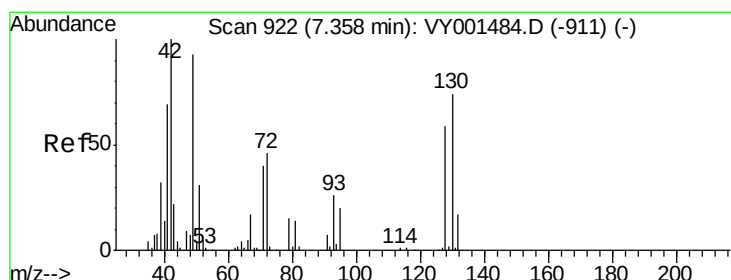
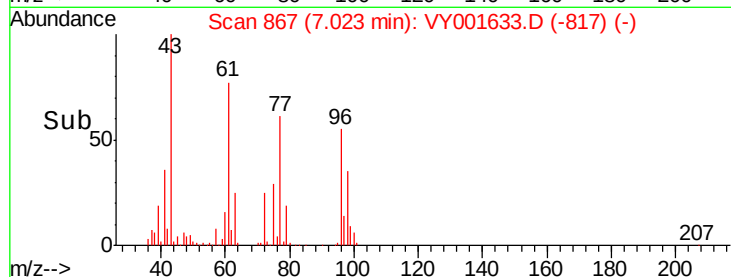
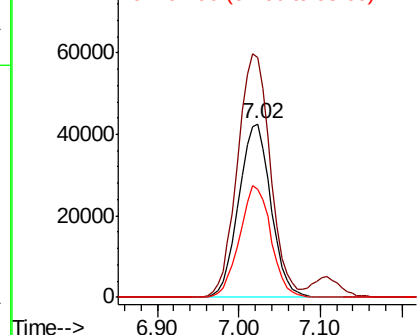


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

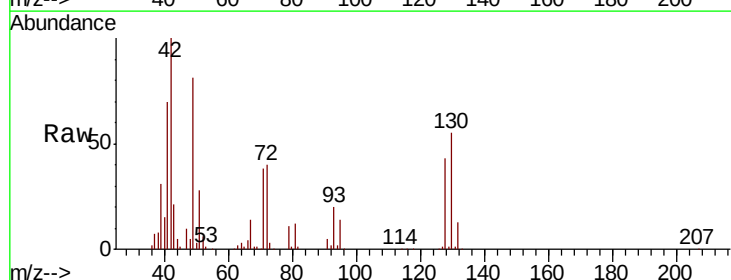
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
Concen: 66.734 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion	49	Resp	78564
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.8
130	68.9	65.4	98.2

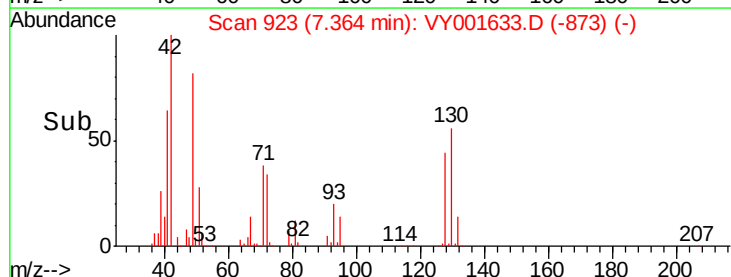
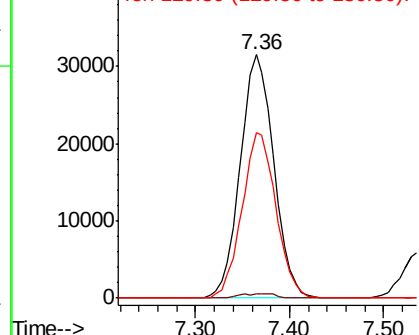


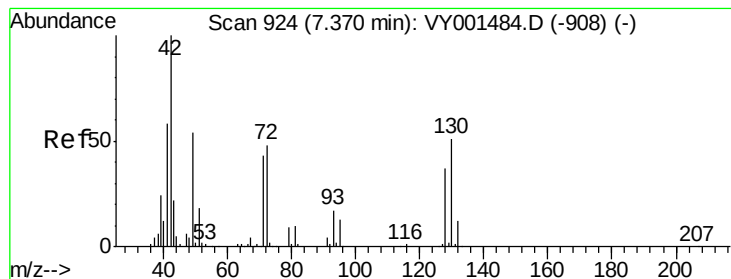
Abundance

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: 331.531 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :

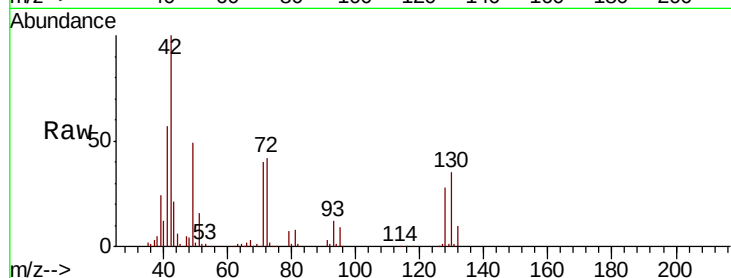
Tot Ion: 42 Resp: 135376

Ion Ratio Lower Upper

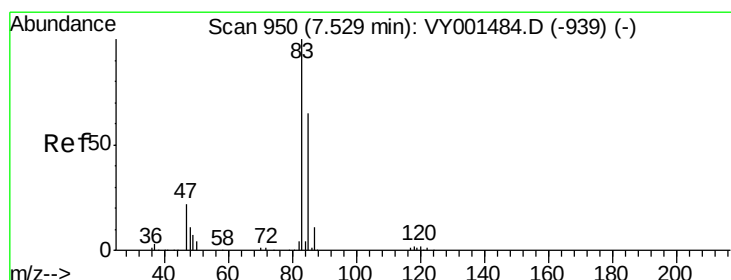
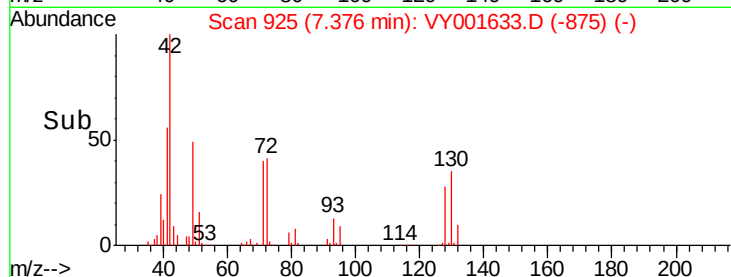
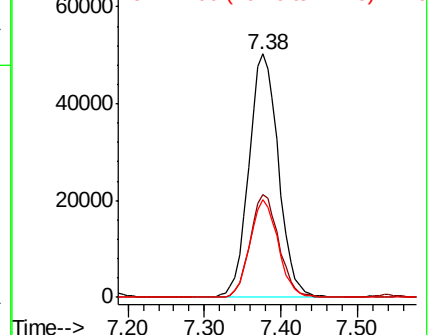
42 100

72 41.2 37.8 56.6

71 38.3 34.8 52.2



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: 49.821 ug/l

RT: 7.54 min Scan# 952

Delta R.T. 0.01 min

Lab File: VY001633.D

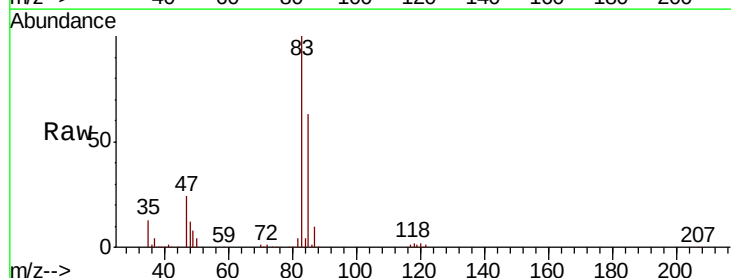
Acq: 13 Feb 2020 17:57

Tgt Ion: 83 Resp: 174401

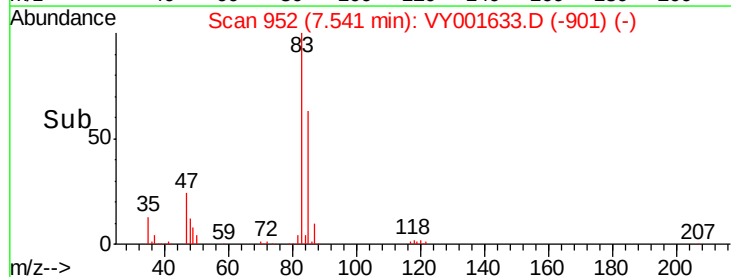
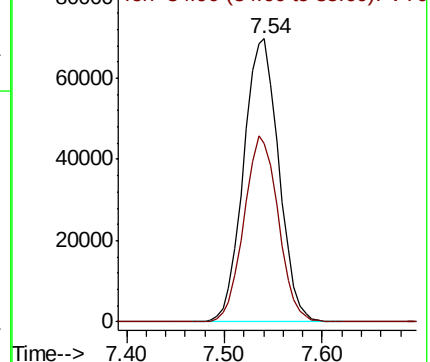
Ion Ratio Lower Upper

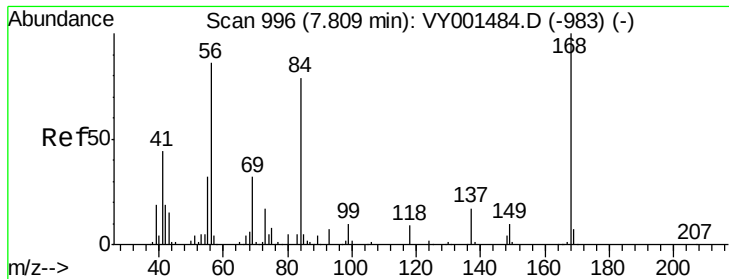
83 100

85 63.2 52.4 78.6



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

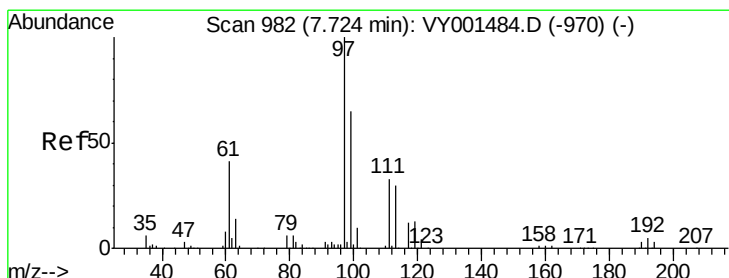
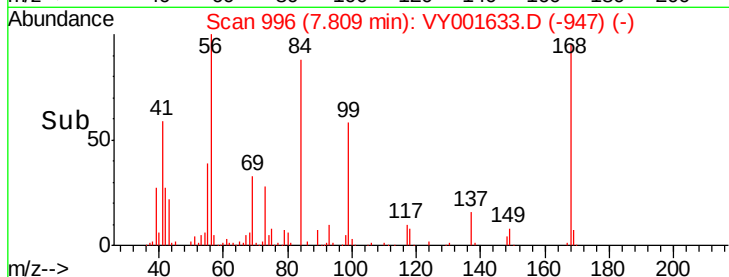
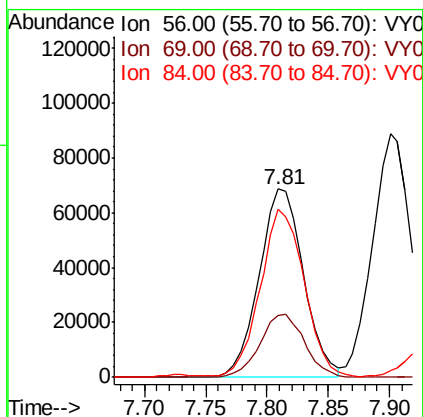
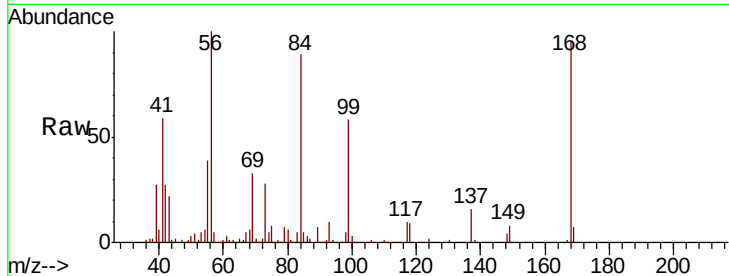




#31
Cyclohexane
Concen: 49.163 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

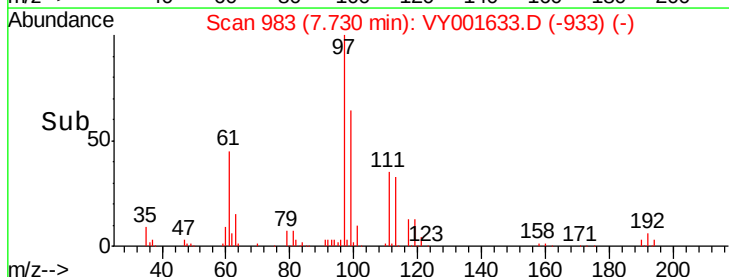
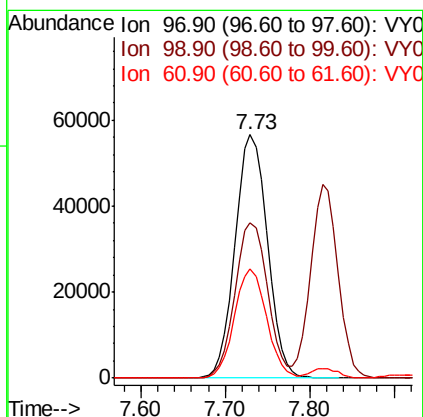
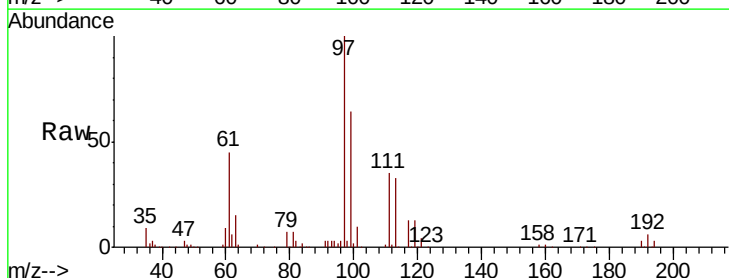
Instrument :
MSVOA_Y
ClientSampled :

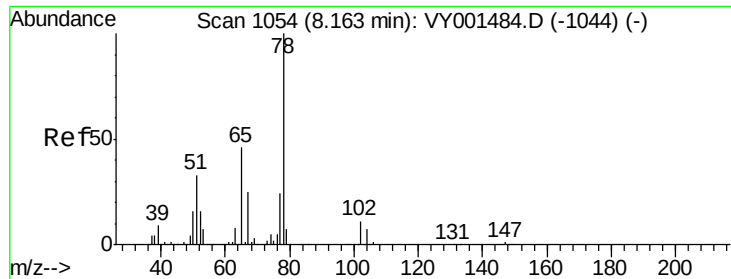
Tot Ion: 56 Resp: 173793
Ion Ratio Lower Upper
56 100
69 32.9 29.6 44.4
84 87.8 73.6 110.4



#32
1,1,1-Trichloroethane
Concen: 46.280 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion: 97 Resp: 146881
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 44.6 32.5 48.7

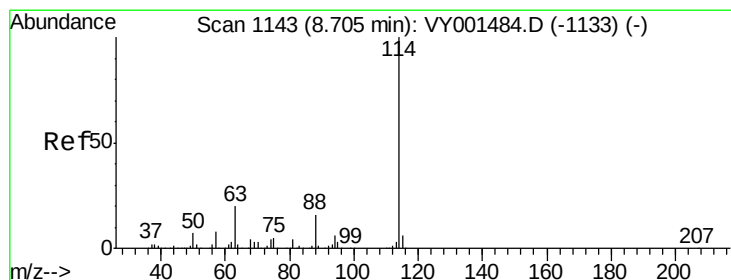
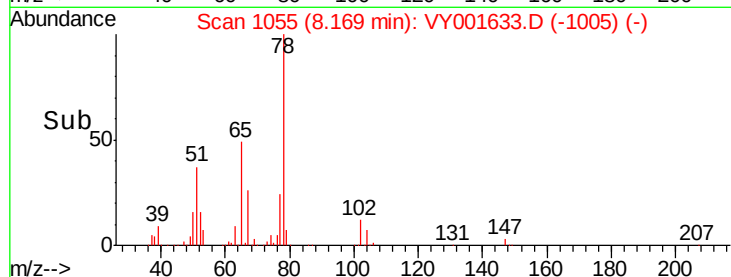
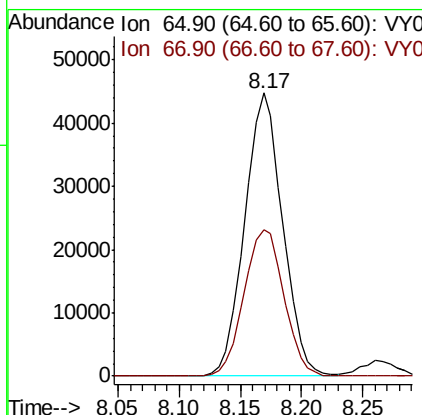
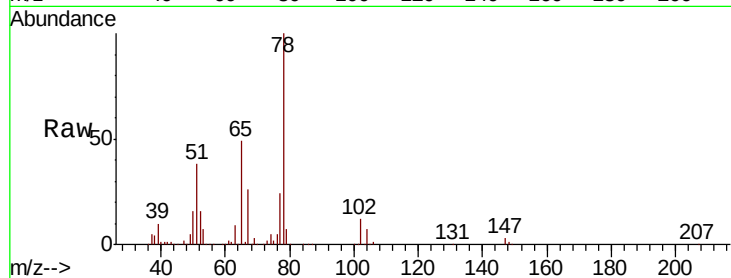




#33
 1,2-Dichloroethane-d4
 Concen: 53.064 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

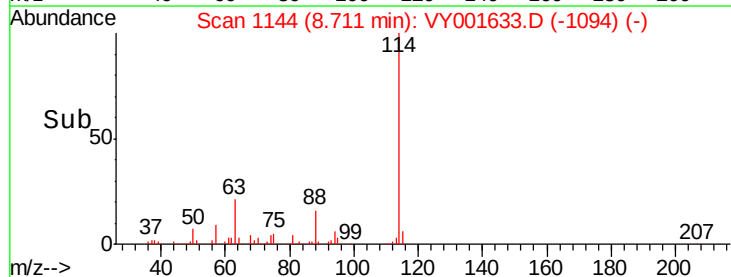
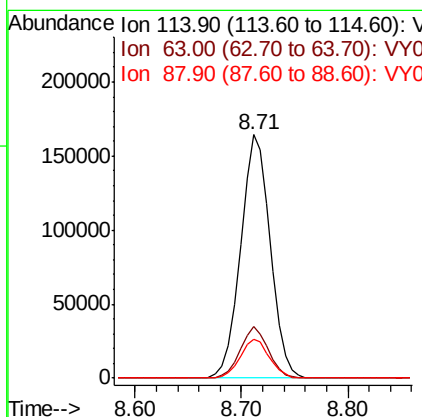
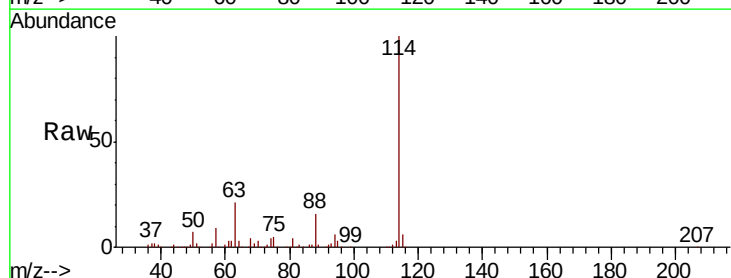
Instrument :
 MSVOA_Y
 ClientSampled :

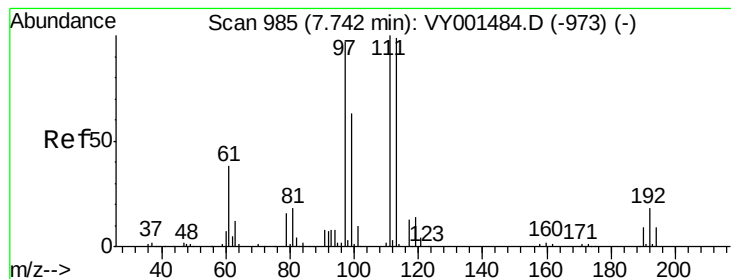
Tot Ion: 65 Resp: 96334
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

Tgt Ion: 114 Resp: 319904
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.8
 88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.958 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

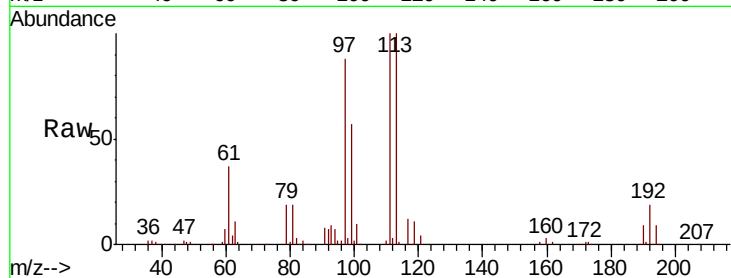
Tot Ion:113 Resp: 88469

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

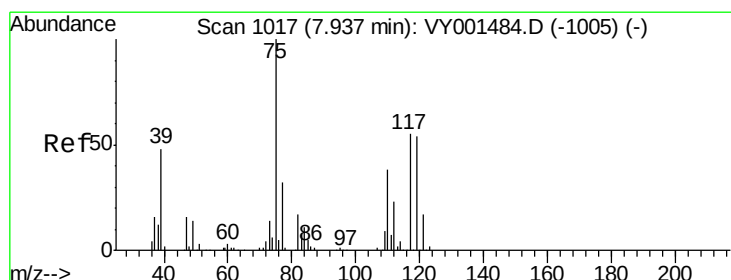
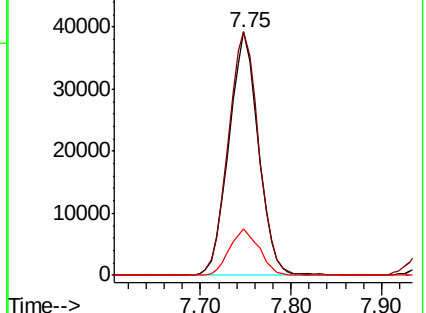
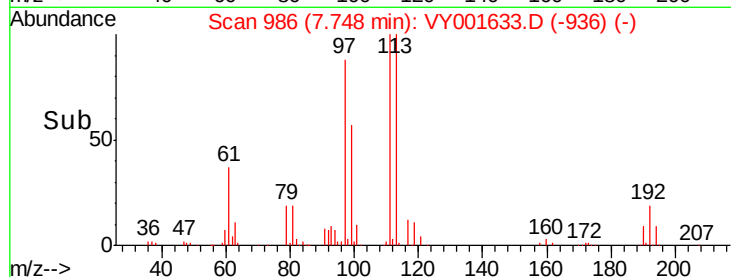
192 19.1 14.6 22.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.089 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

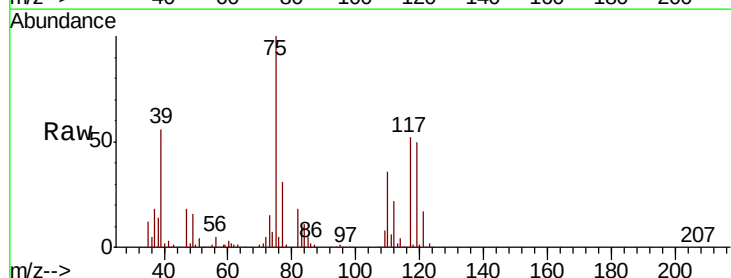
Tgt Ion: 75 Resp: 140734

Ion Ratio Lower Upper

75 100

110 35.7 18.2 54.6

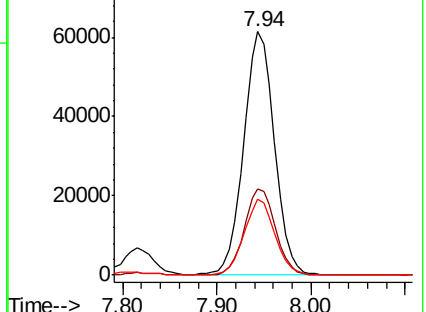
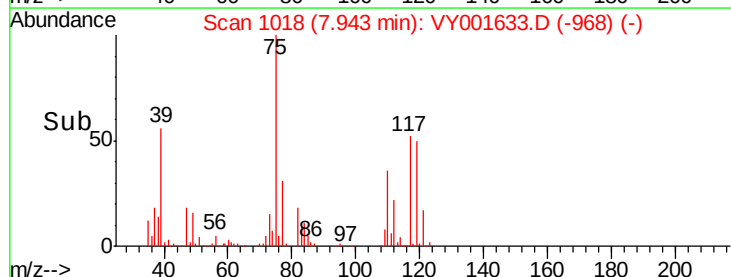
77 31.1 25.0 37.4

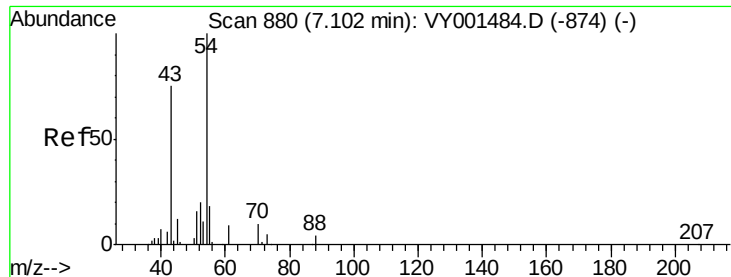


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

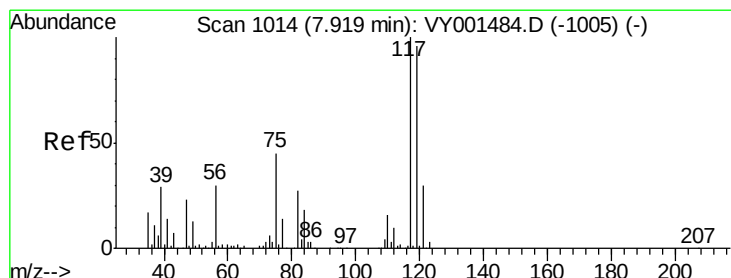
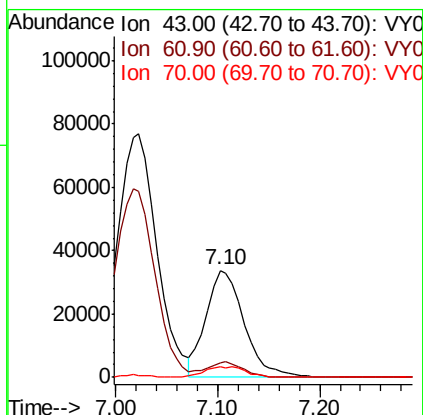
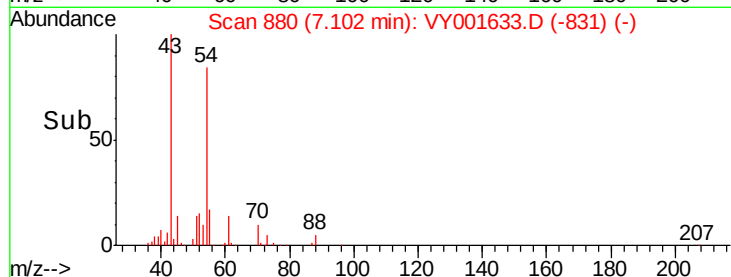
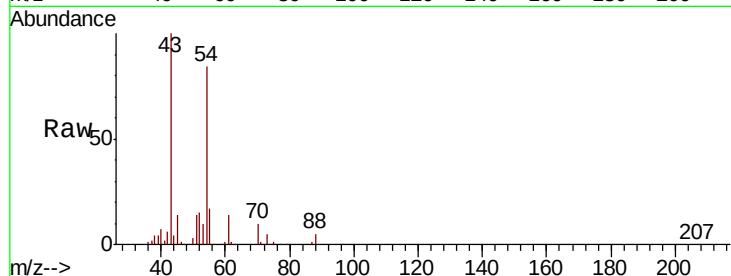




#37
Ethyl Acetate
Concen: 62.028 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

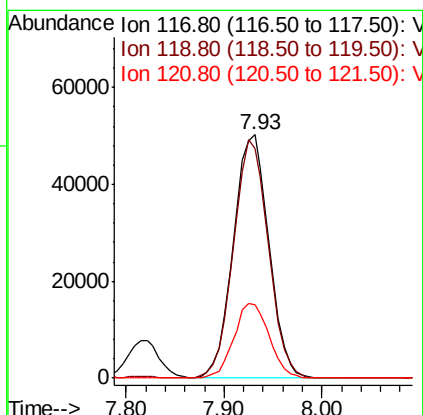
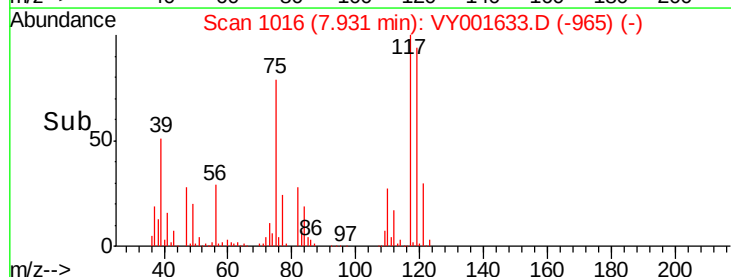
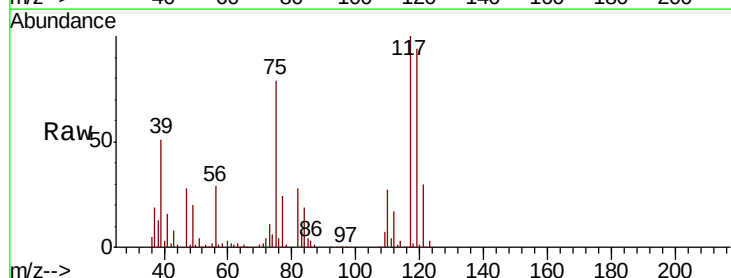
Instrument :
MSVOA_Y
ClientSampled :

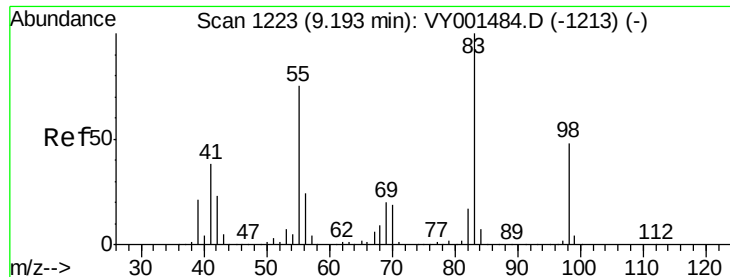
Tot Ion: 43 Resp: 87876
Ion Ratio Lower Upper
43 100
61 13.7 12.0 18.0
70 10.8 10.2 15.4



#38
Carbon Tetrachloride
Concen: 44.749 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion: 117 Resp: 126704
Ion Ratio Lower Upper
117 100
119 94.4 76.4 114.6
121 30.2 24.2 36.4

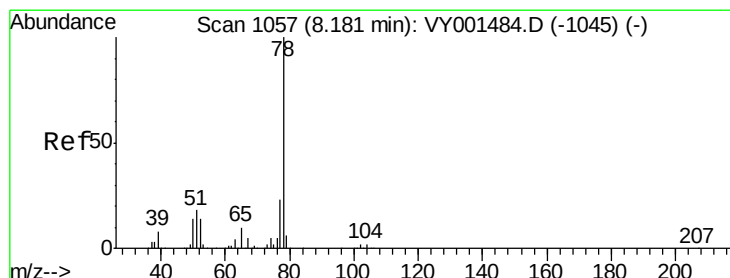
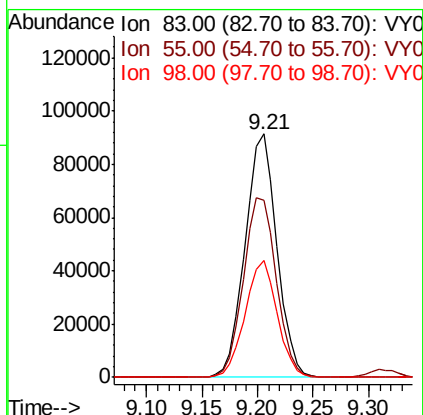
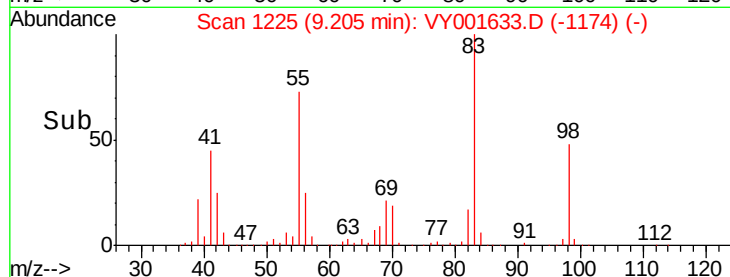
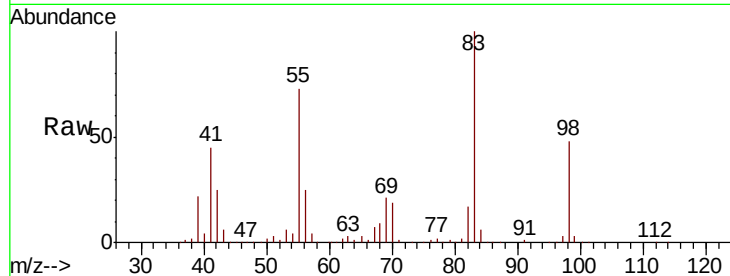




#39
Methylvlcyclohexane
Concen: 47.158 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

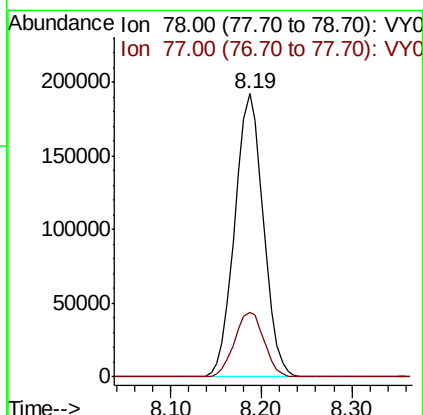
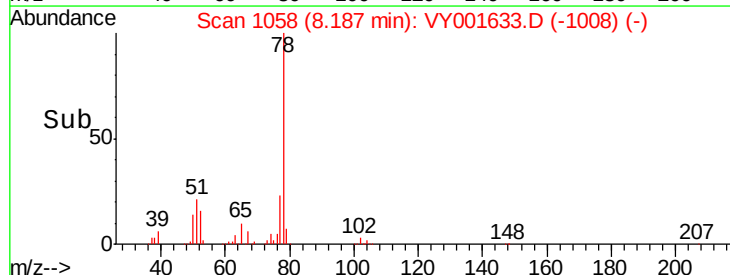
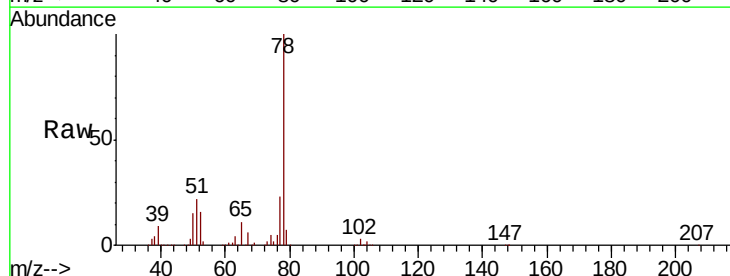
Instrument :
MSVOA_Y
ClientSampleId :

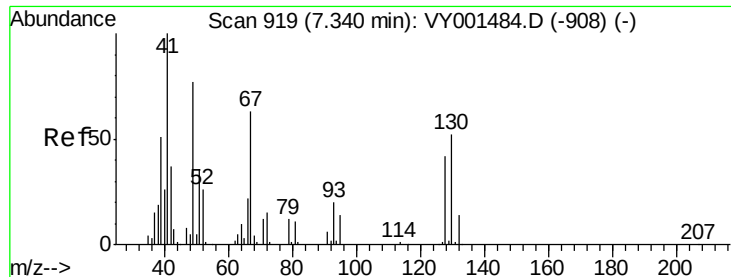
Tot Ion: 83 Resp: 181719
Ion Ratio Lower Upper
83 100
55 72.8 59.8 89.6
98 47.9 38.6 57.8



#40
Benzene
Concen: 50.386 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion: 78 Resp: 420591
Ion Ratio Lower Upper
78 100
77 22.7 18.5 27.7

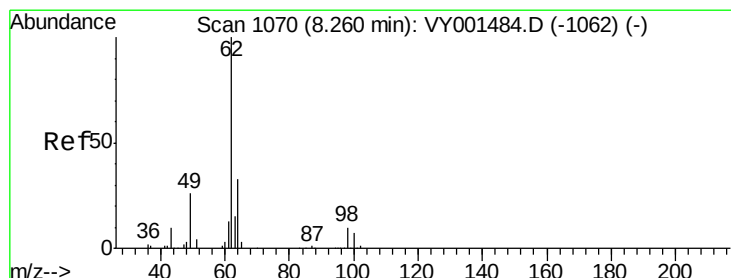
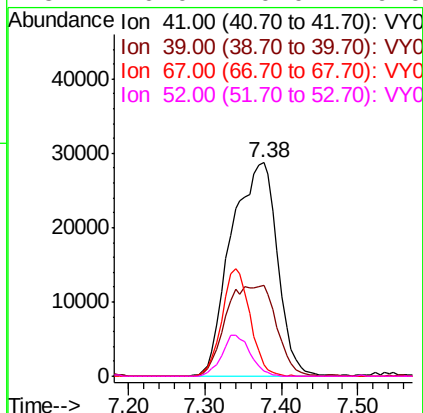
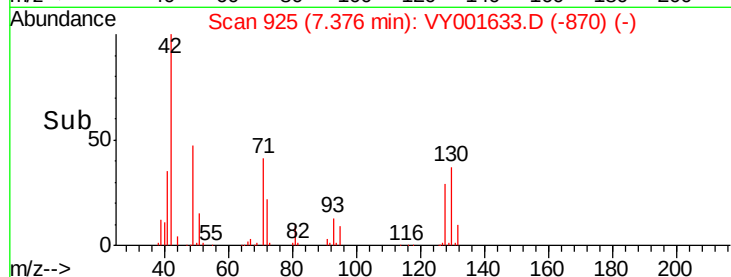
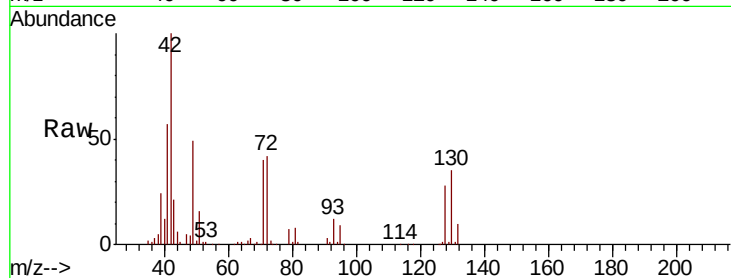




#41
Methacrylonitrile
Concen: 184.336 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.04 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

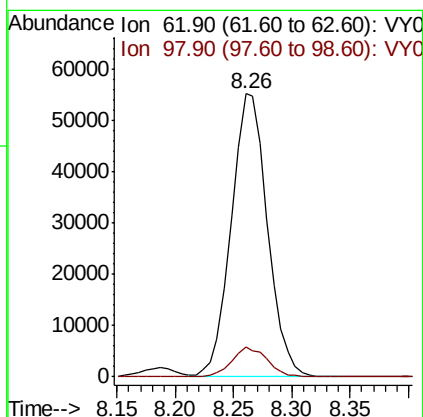
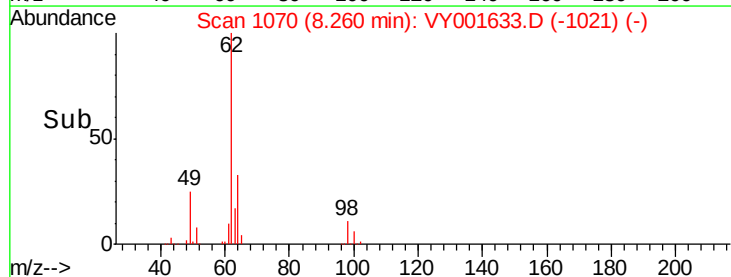
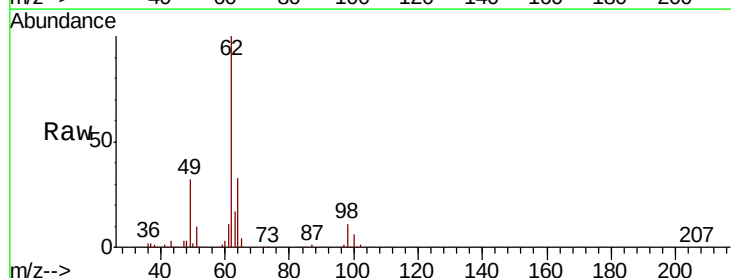
Instrument :
MSVOA_Y
ClientSampleId :

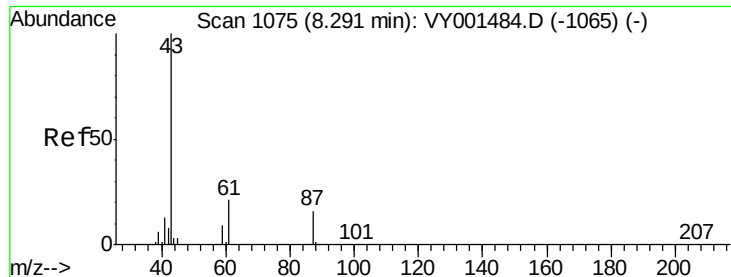
Tot Ion: 41 Resp: 121035
Ion Ratio Lower Upper
41 100
39 45.9 116.8 175.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.439 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion: 62 Resp: 119624
Ion Ratio Lower Upper
62 100
98 10.3 0.0 21.0





#43

Isopropyl Acetate

Concen: 60.948 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

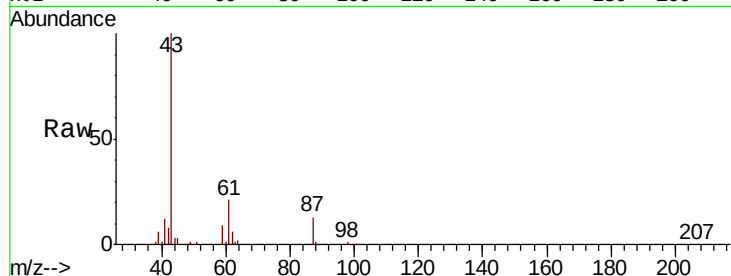
Tot Ion: 43 Resp: 170960

Ion Ratio Lower Upper

43 100

61 28.4 25.1 37.7

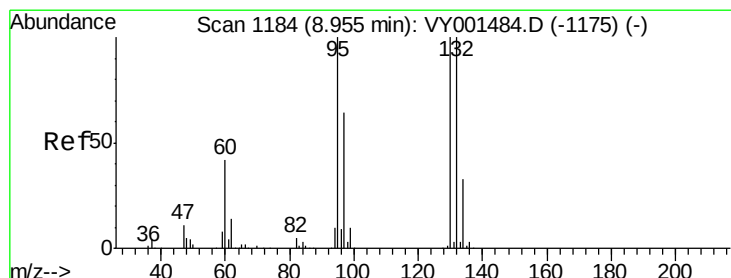
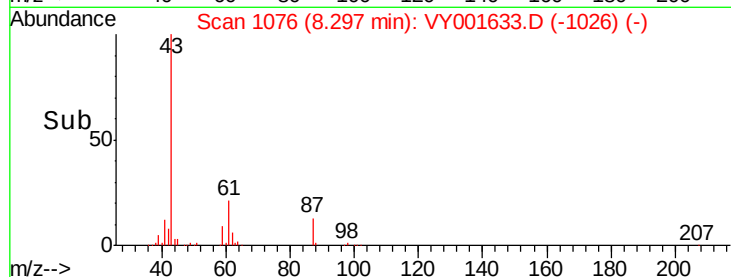
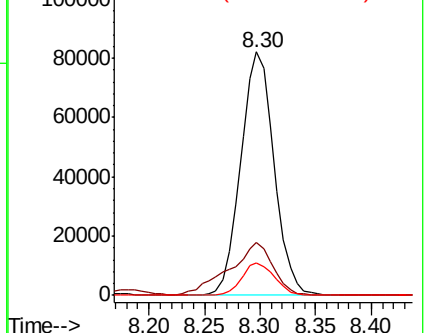
87 13.1 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY001633.D (-1076) (-)

Ion 61.00 (60.70 to 61.70): VY001633.D (-1076) (-)

Ion 87.00 (86.70 to 87.70): VY001633.D (-1076) (-)



#44

Trichloroethene

Concen: 46.609 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VY001633.D

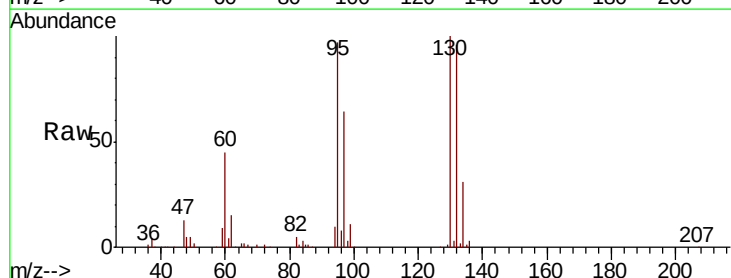
Acq: 13 Feb 2020 17:57

Tgt Ion:130 Resp: 104871

Ion Ratio Lower Upper

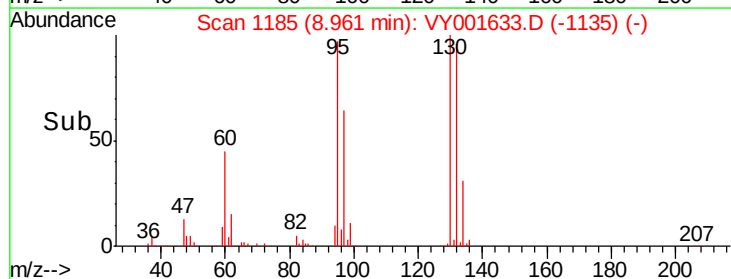
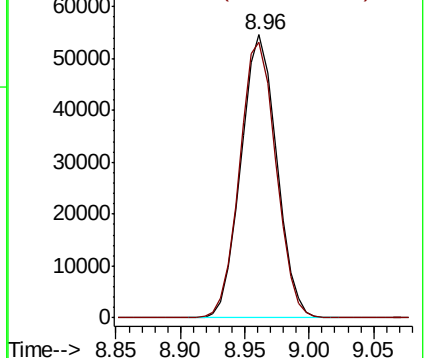
130 100

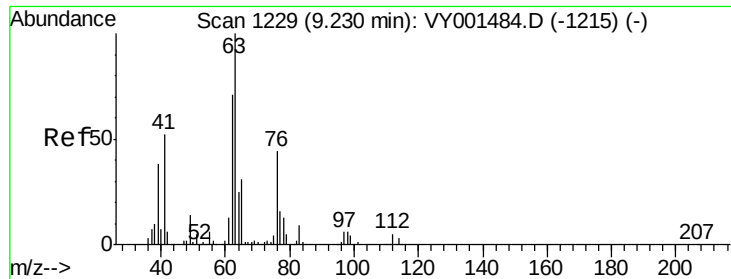
95 97.3 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): VY001633.D (-1185) (-)

Ion 94.90 (94.60 to 95.60): VY001633.D (-1185) (-)

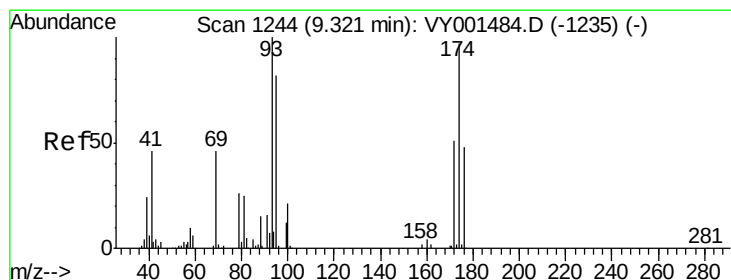
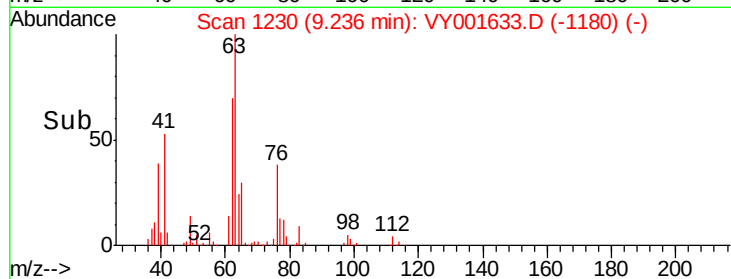
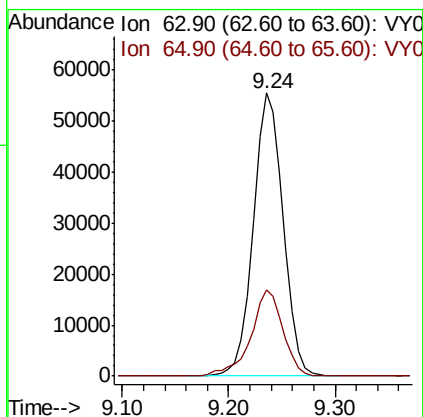
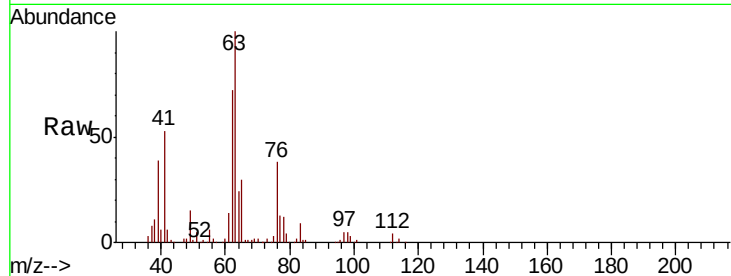




#45
 1,2-Dichloropropane
 Concen: 53.994 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

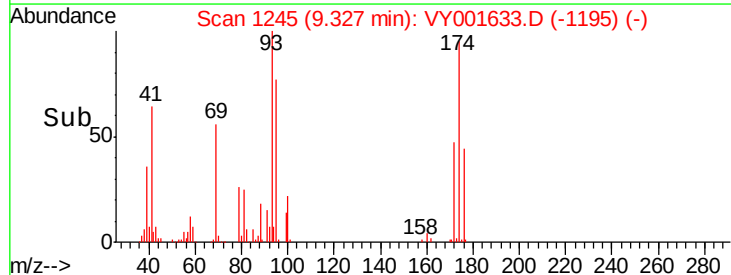
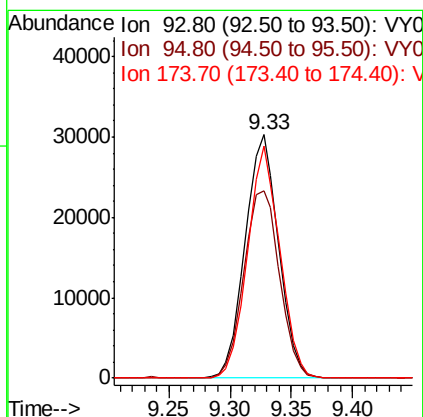
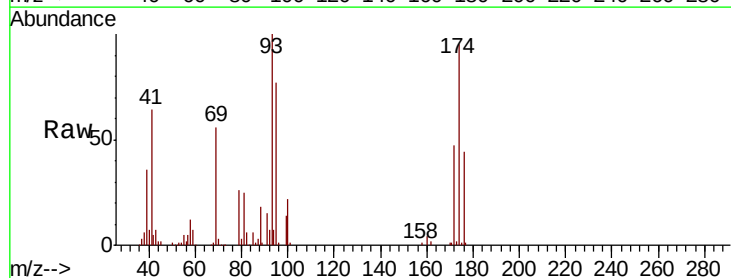
Instrument :
 MSVOA_Y
 ClientSampled :

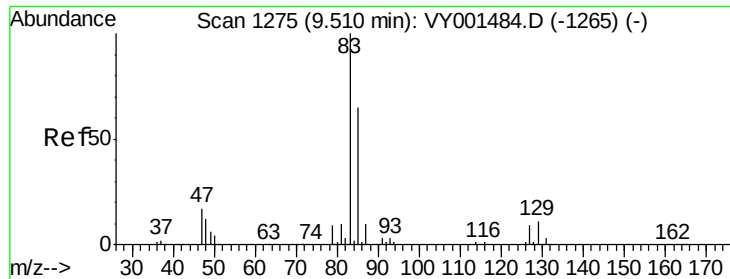
Tot Ion: 63 Resp: 108835
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.4



#46
 Dibromomethane
 Concen: 50.942 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

Tgt Ion: 93 Resp: 57659
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.6 99.8
 174 91.4 75.4 113.2





#47

Bromodichloromethane

Concen: 49.130 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

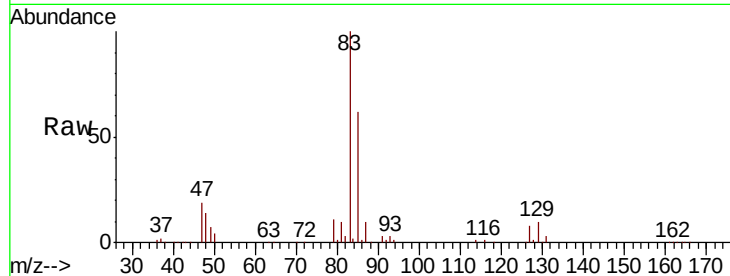
Tot Ion: 83 Resp: 135490

Ion Ratio Lower Upper

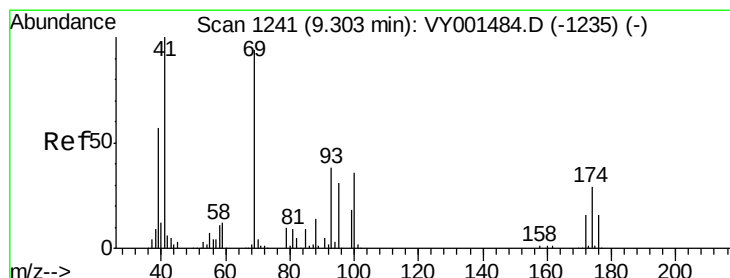
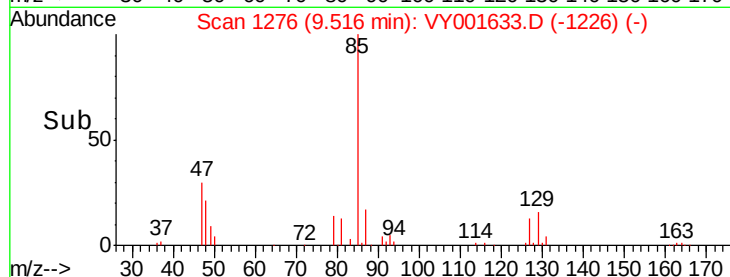
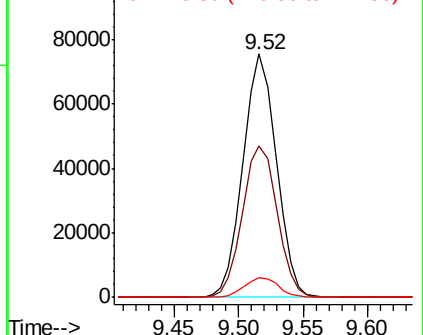
83 100

85 62.2 51.9 77.9

127 8.2 6.9 10.3



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: 60.470 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

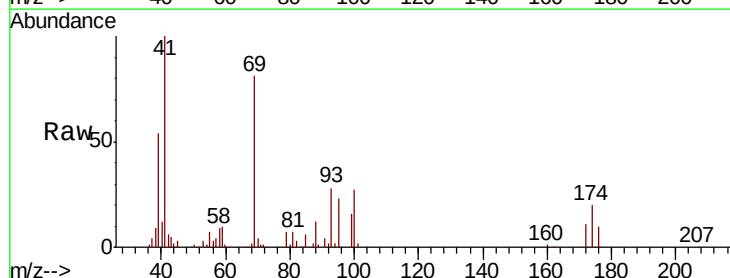
Tgt Ion: 41 Resp: 76985

Ion Ratio Lower Upper

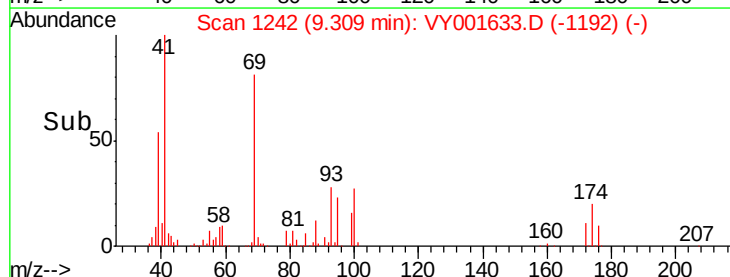
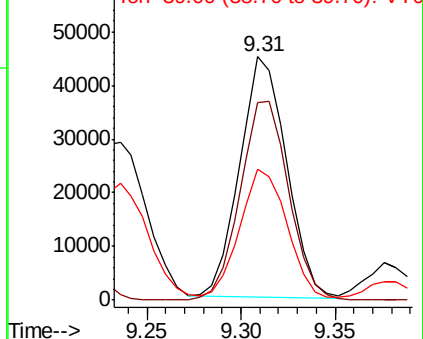
41 100

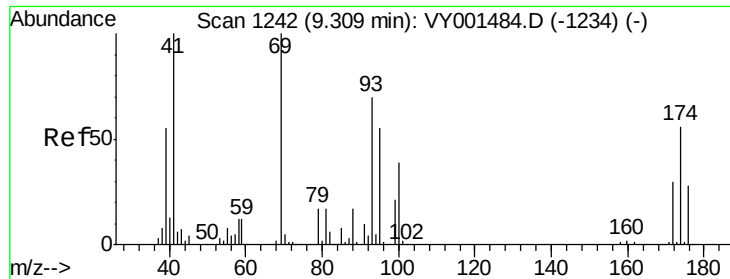
69 86.3 76.6 114.8

39 53.7 45.4 68.0



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

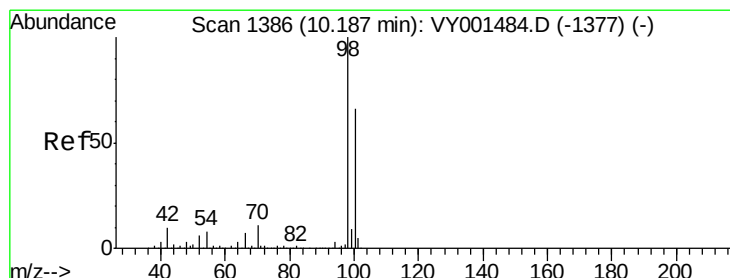
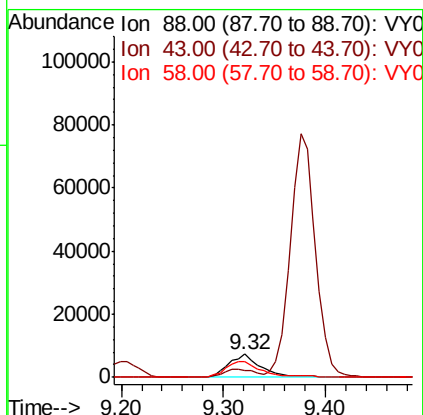
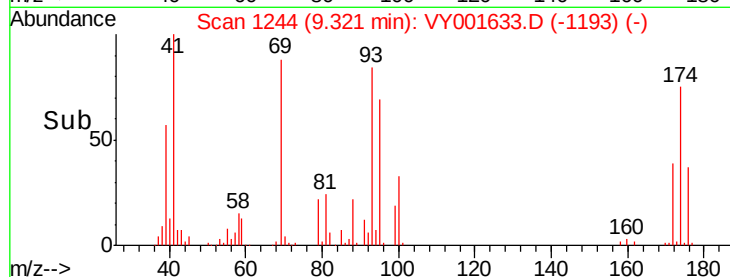
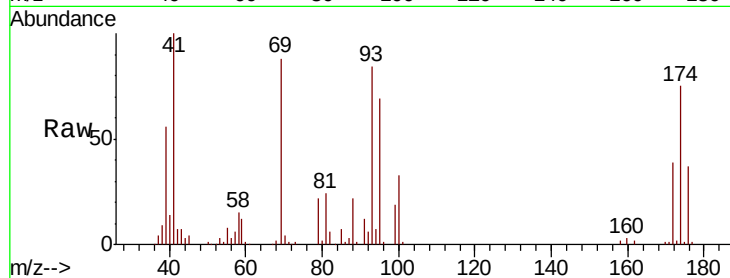




#49
1,4-Dioxane
Concen: 1088.314 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

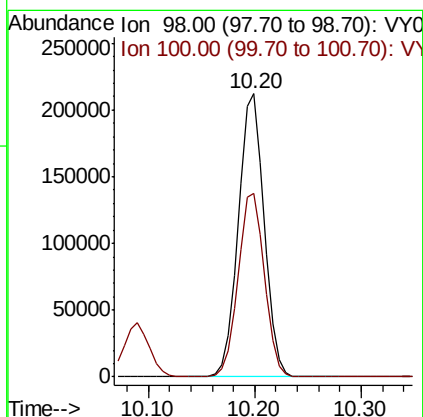
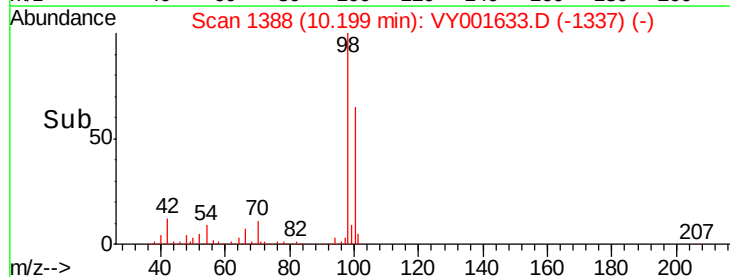
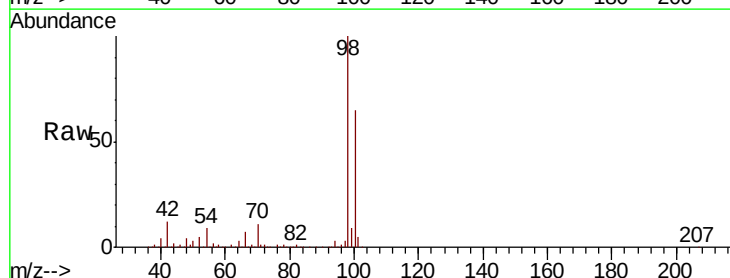
Instrument :
MSVOA_Y
ClientSampled :

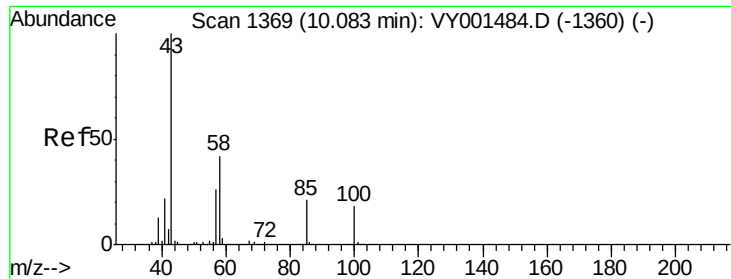
Tot Ion: 88 Resp: 16268
Ion Ratio Lower Upper
88 100
43 32.3 24.8 37.2
58 76.9 59.3 88.9



#50
Toluene-d8
Concen: 51.778 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion: 98 Resp: 361375
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6

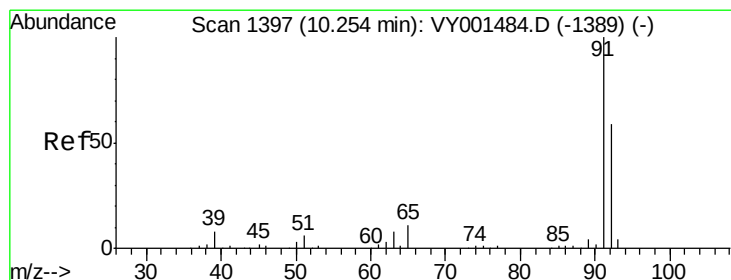
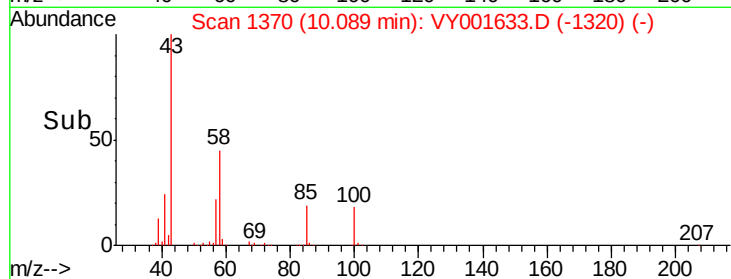
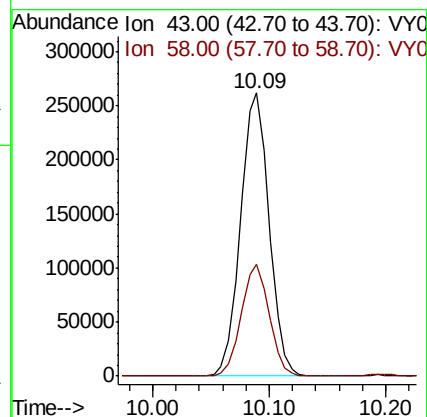
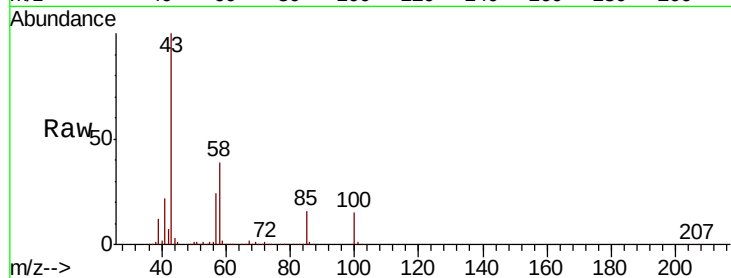




#51
4-Methyl-2-Pentanone
Concen: 323.789 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

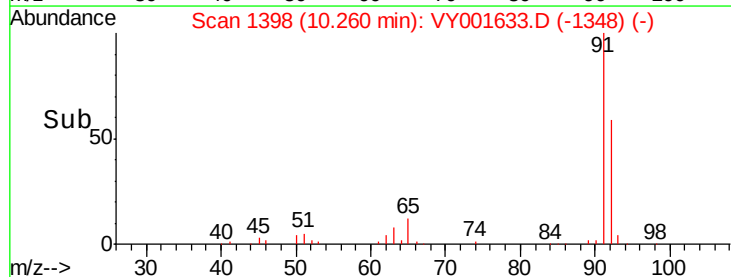
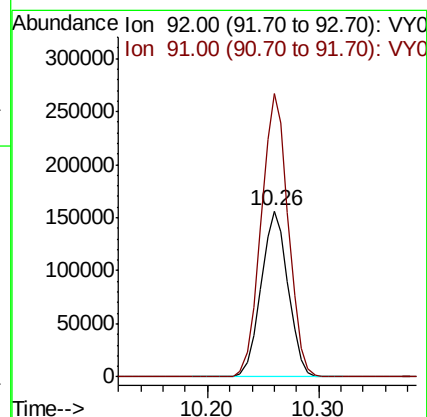
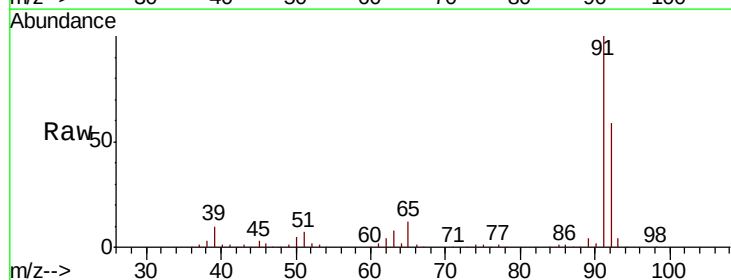
Instrument :
MSVOA_Y
ClientSampleId :

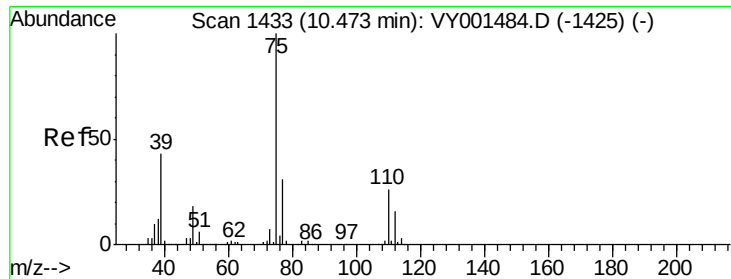
Tot Ion: 43 Resp: 447280
Ion Ratio Lower Upper
43 100
58 38.8 33.9 50.9



#52
Toluene
Concen: 49.684 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion: 92 Resp: 263148
Ion Ratio Lower Upper
92 100
91 171.7 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 50.274 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :

MSVOA_Y

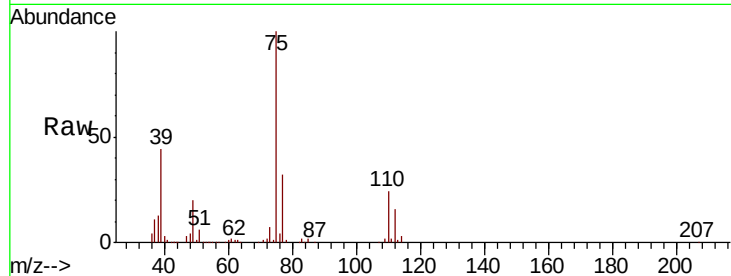
ClientSampled :

Tot Ion: 75 Resp: 151011

Ion Ratio Lower Upper

75 100

77 31.6 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.48

100000

80000

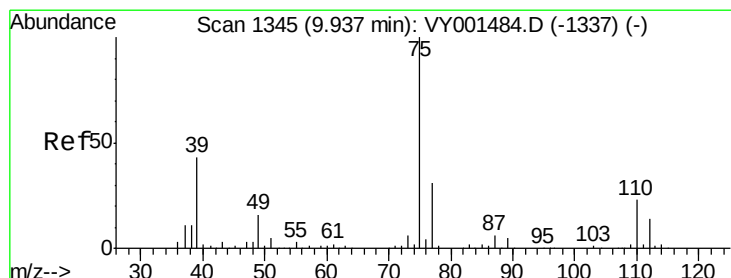
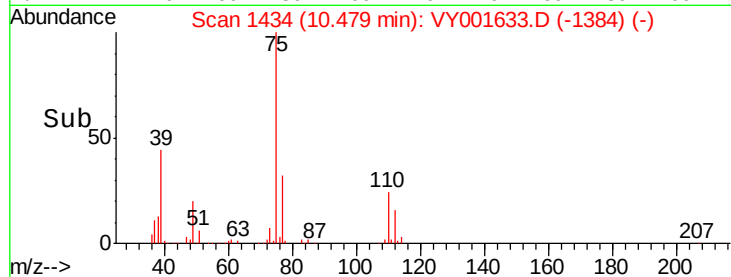
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.553 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

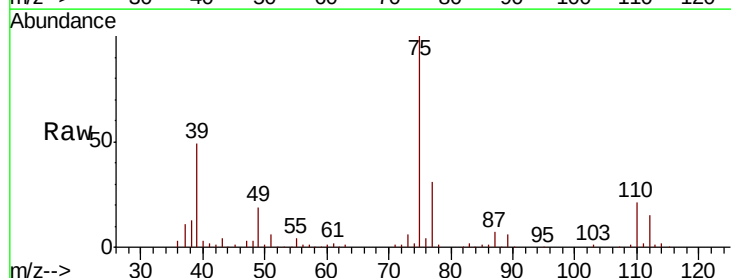
Tgt Ion: 75 Resp: 174329

Ion Ratio Lower Upper

75 100

77 30.7 24.7 37.1

39 48.9 34.0 51.0



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

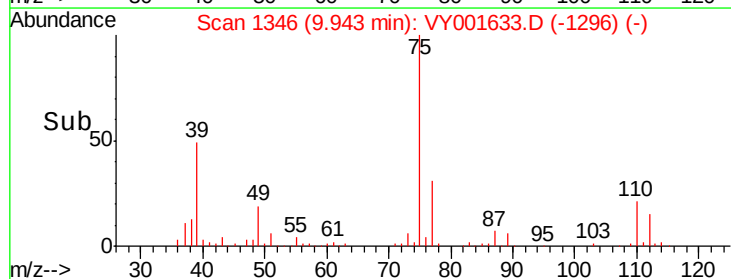
9.94

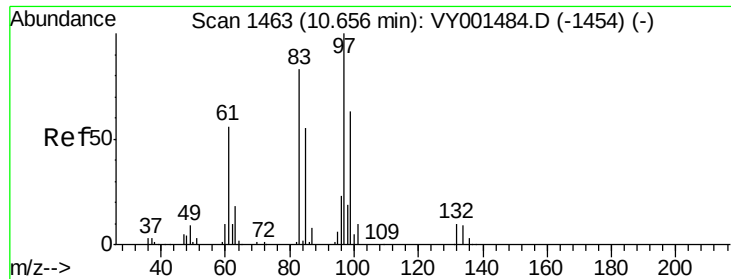
100000

50000

0

Time-->

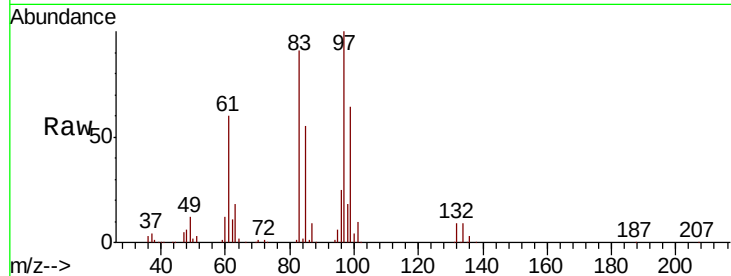




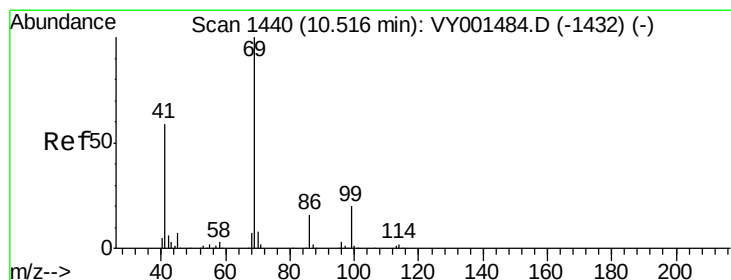
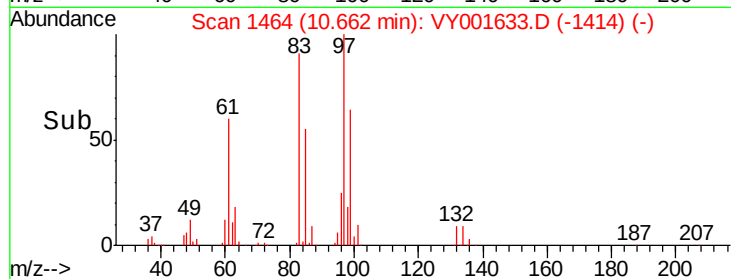
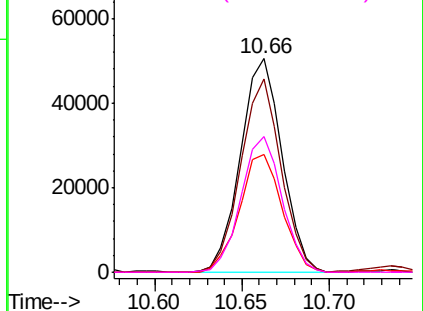
#55
 1,1,2-Trichloroethane
 Concen: 51.601 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	83797
Ion	Ratio	Lower	Upper
97	100		
83	90.7	66.2	99.2
85	55.2	43.8	65.6
99	63.5	50.1	75.1

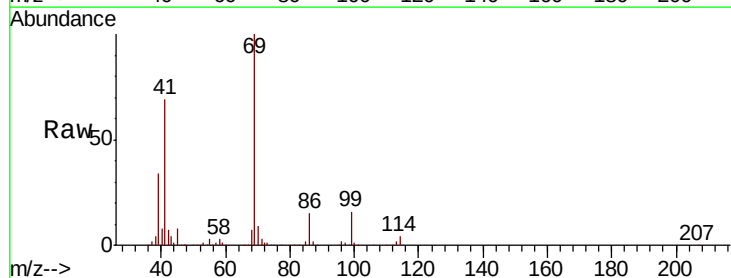


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

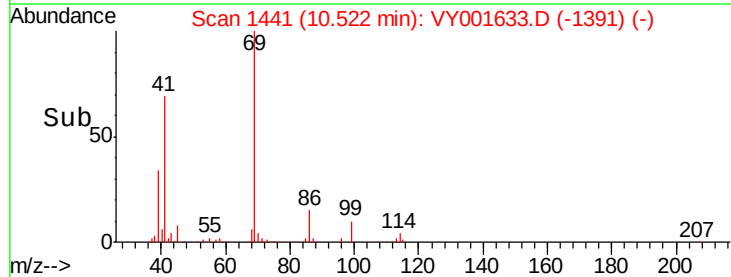
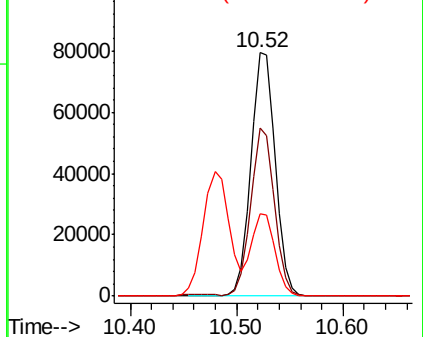


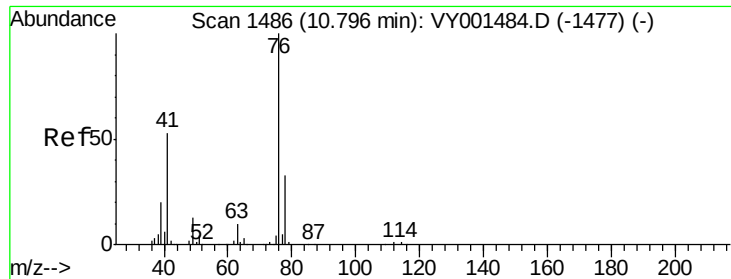
#56
 Ethyl methacrylate
 Concen: 55.548 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

Tgt Ion:	69	Resp:	128304
Ion	Ratio	Lower	Upper
69	100		
41	67.0	47.8	71.8
39	33.2	24.4	36.6



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

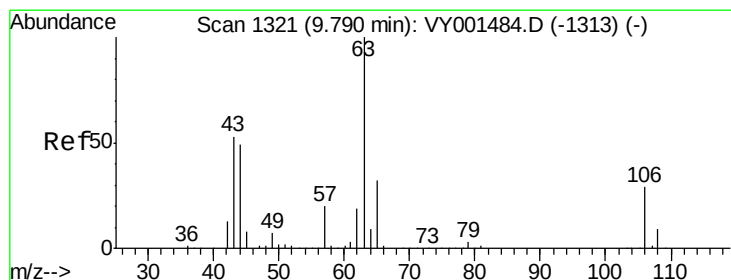
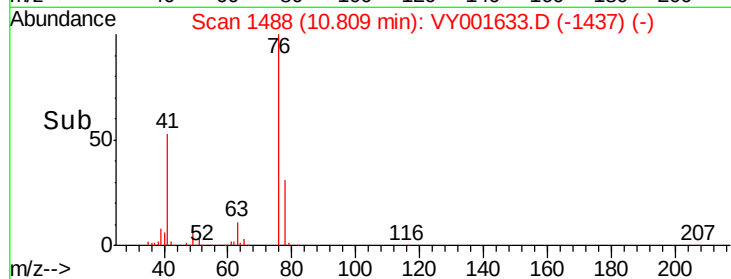
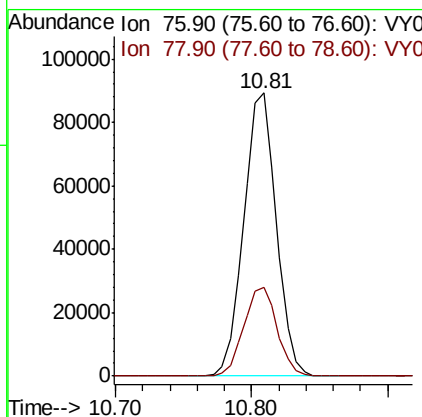
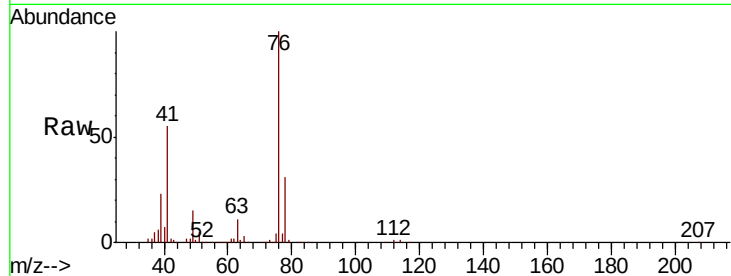




#57
 1,3-Dichloropropane
 Concen: 52.136 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

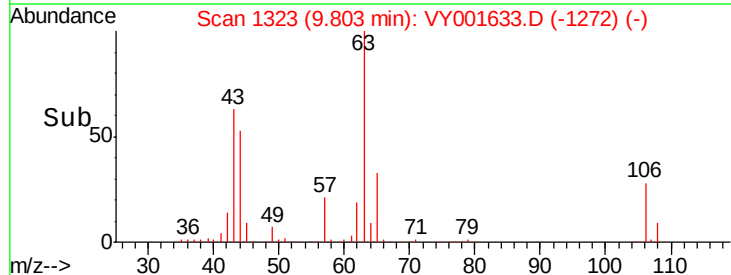
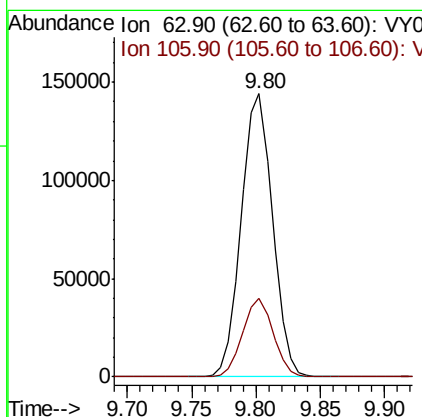
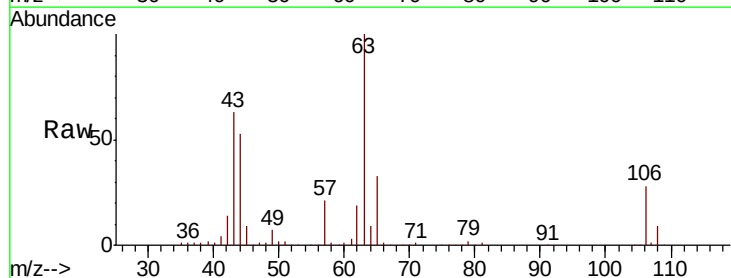
Instrument :
 MSVOA_Y
 ClientSampled :

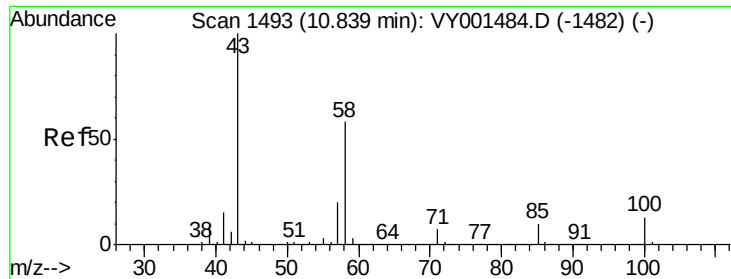
Tot Ion: 76 Resp: 149247
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 284.241 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

Tgt Ion: 63 Resp: 241522
 Ion Ratio Lower Upper
 63 100
 106 27.1 24.0 36.0

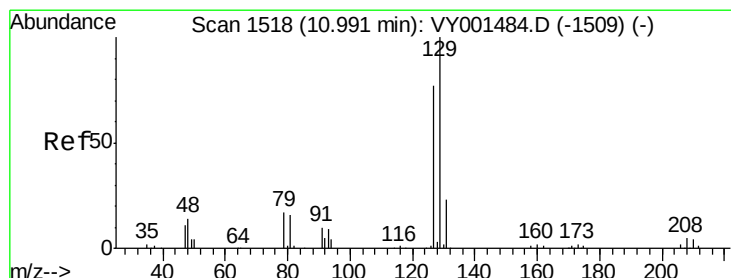
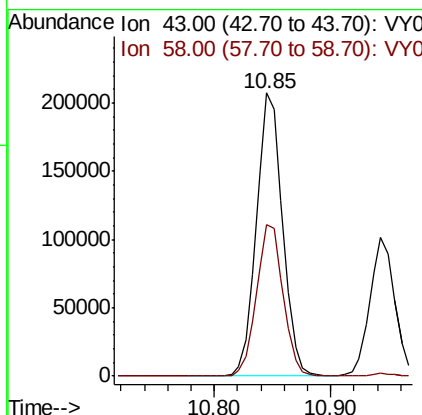
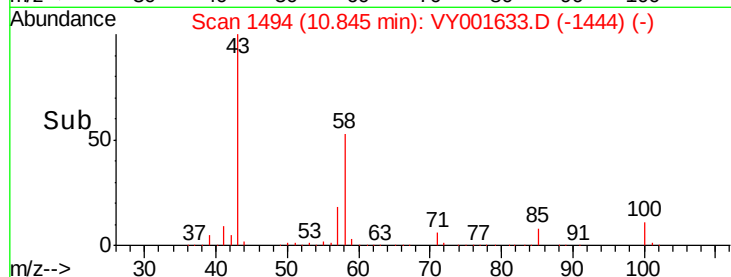
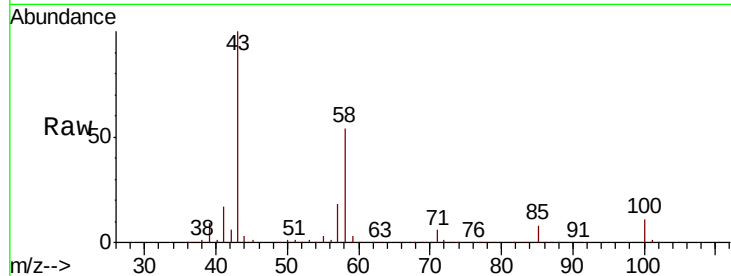




#59
2-Hexanone
Concen: 322.383 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

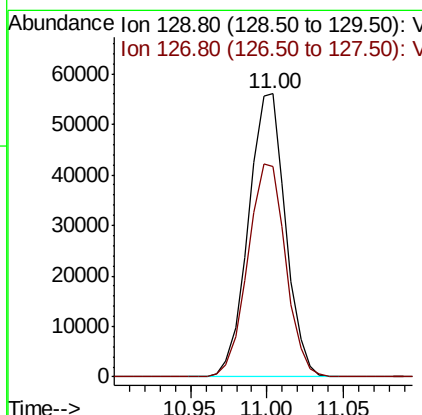
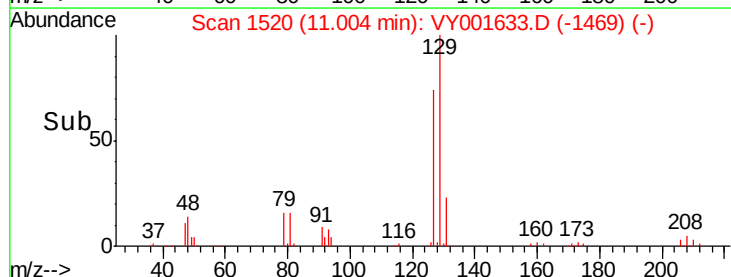
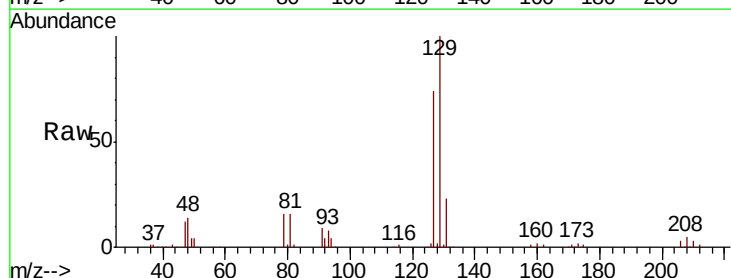
Instrument :
MSVOA_Y
ClientSampleId :

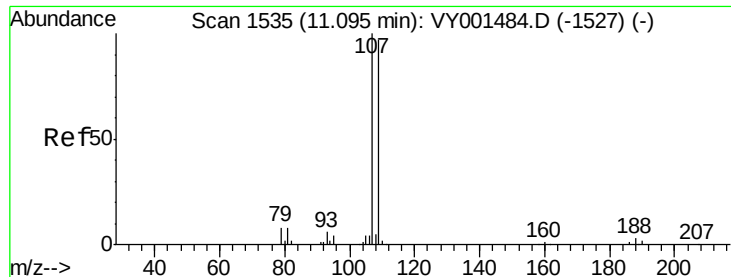
Tot Ion: 43 Resp: 323800
Ion Ratio Lower Upper
43 100
58 54.4 29.0 87.0



#60
Dibromochloromethane
Concen: 49.428 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion: 129 Resp: 94615
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6

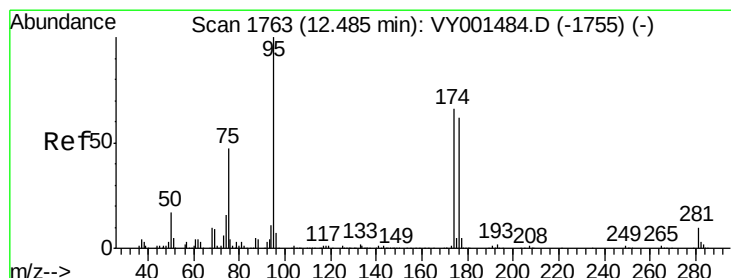
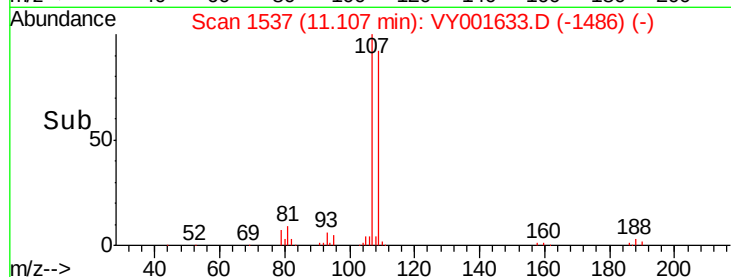
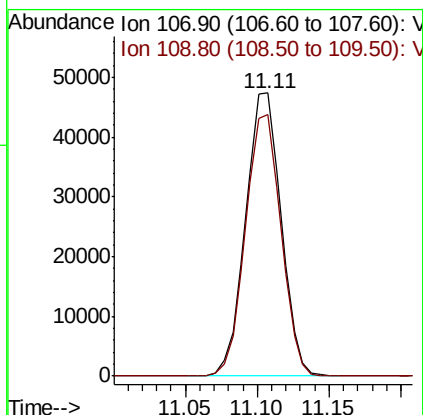
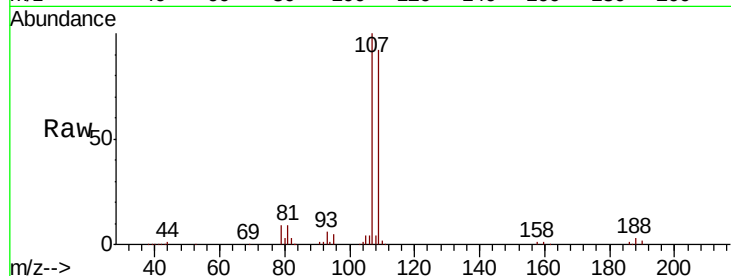




#61
 1,2-Dibromoethane
 Concen: 50.554 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

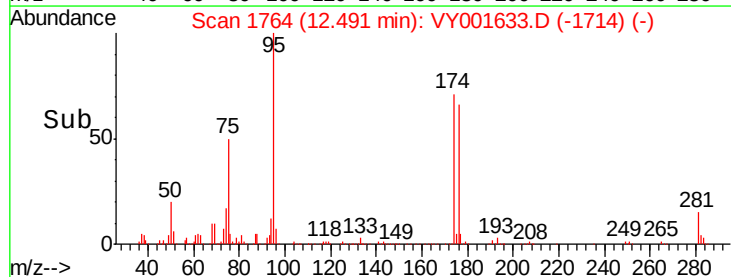
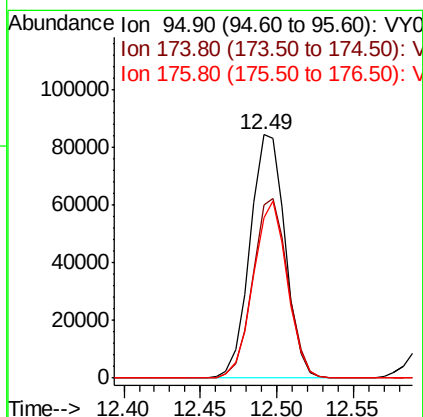
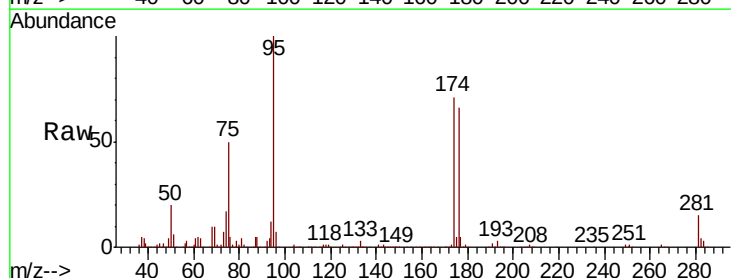
Instrument :
 MSVOA_Y
 ClientSampleId :

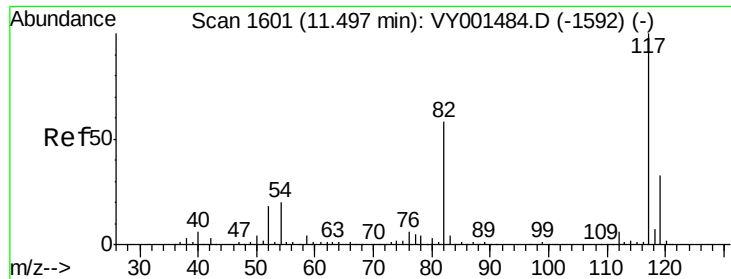
Tot Ion:107 Resp: 80860
 Ion Ratio Lower Upper
 107 100
 109 92.2 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 49.043 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

Tgt Ion: 95 Resp: 134844
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 141.4
 176 70.6 0.0 135.4

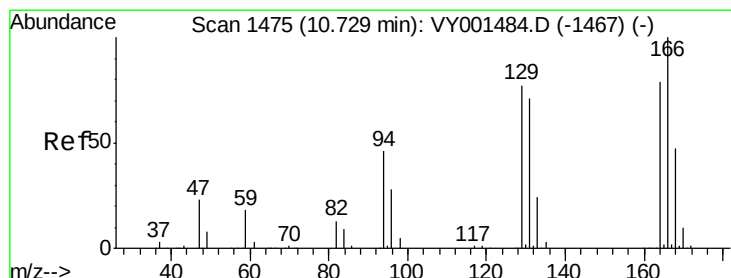
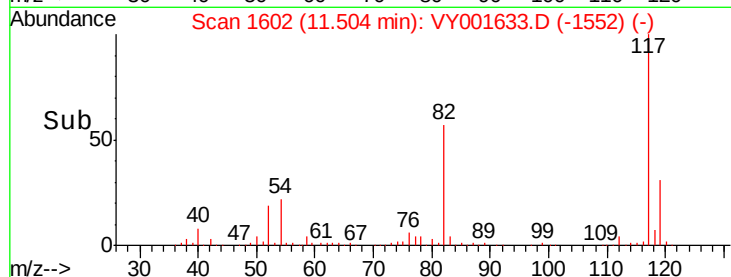
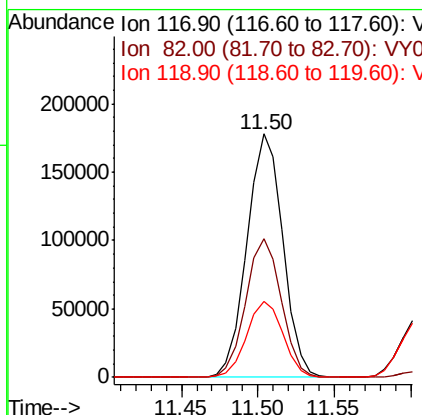
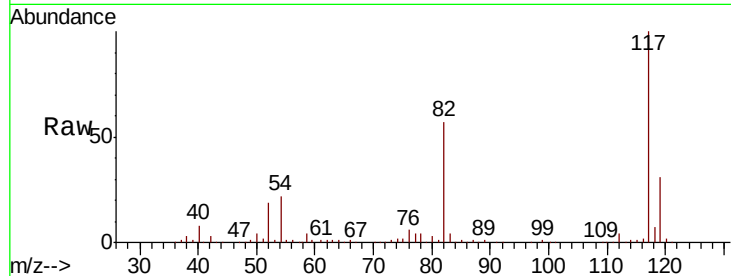




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

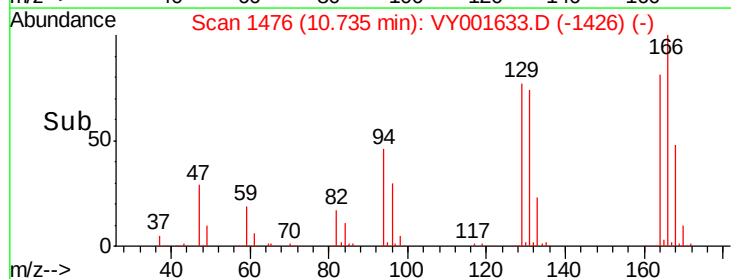
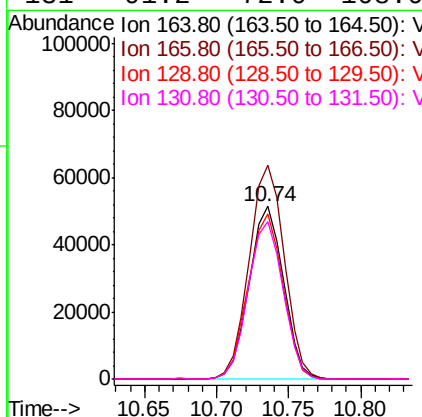
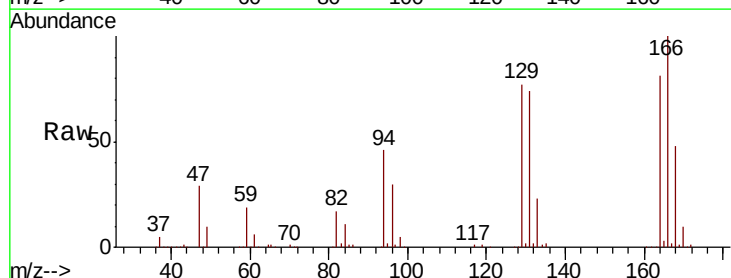
Instrument :
MSVOA_Y
ClientSampled :

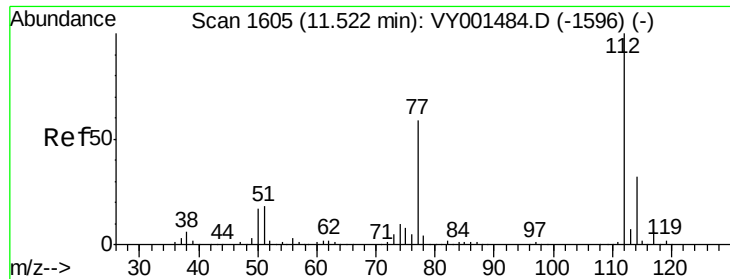
Tot Ion:117 Resp: 290172
Ion Ratio Lower Upper
117 100
82 56.9 46.1 69.1
119 31.0 26.1 39.1



#64
Tetrachloroethene
Concen: 44.391 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion:164 Resp: 84476
Ion Ratio Lower Upper
164 100
166 123.8 100.8 151.2
129 95.5 77.8 116.6
131 91.2 72.0 108.0

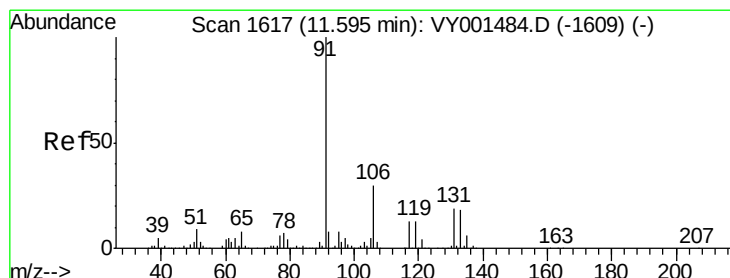
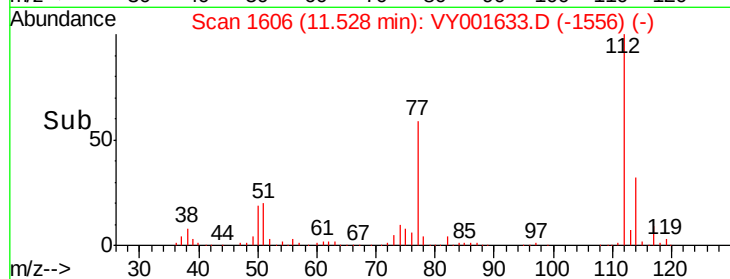
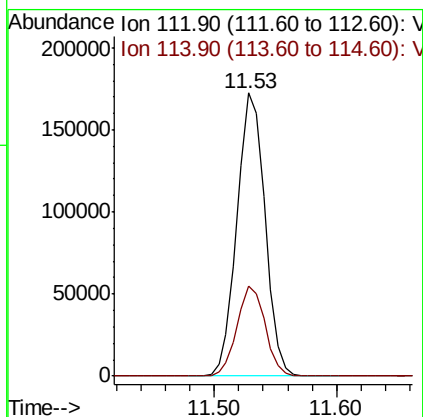
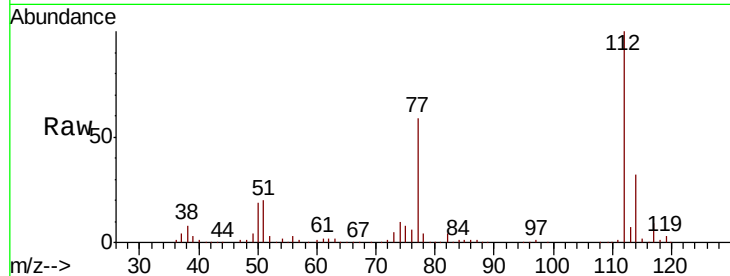




#65
Chlorobenzene
Concen: 48.056 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

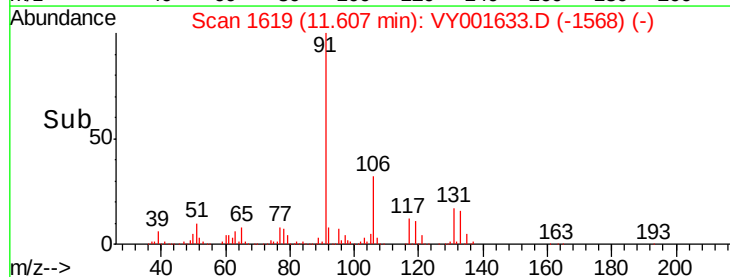
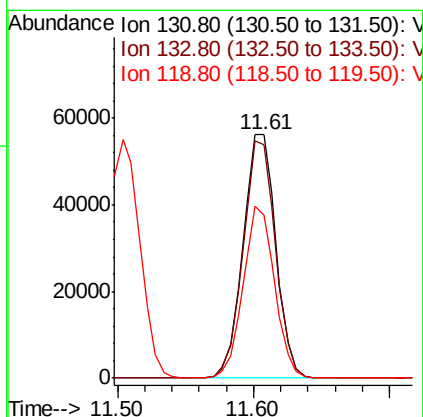
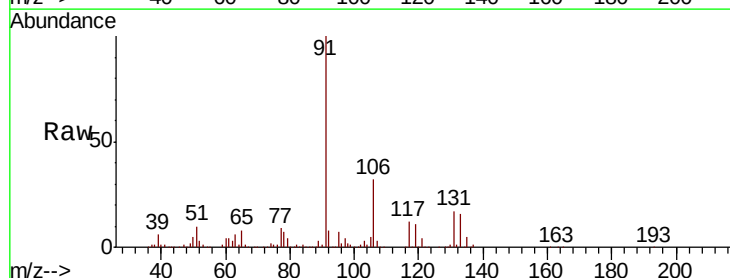
Instrument :
MSVOA_Y
ClientSampleId :

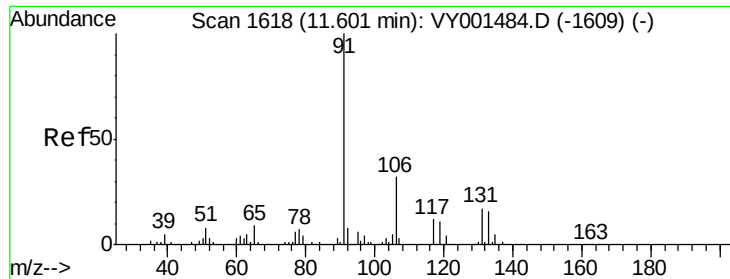
Tot Ion:112 Resp: 273797
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 47.535 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion:131 Resp: 94789
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.8
119 67.8 33.7 101.0

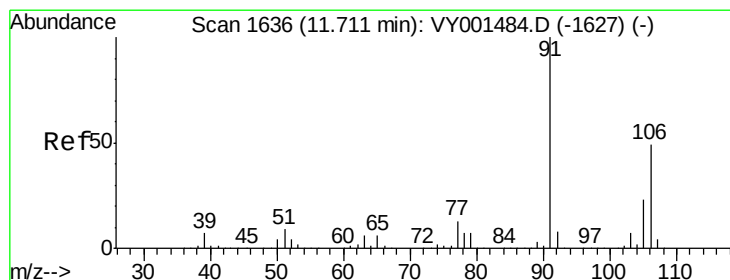
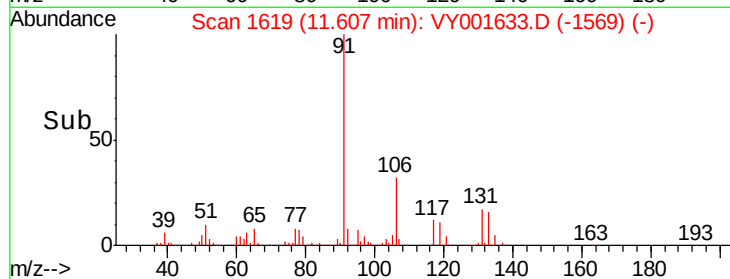
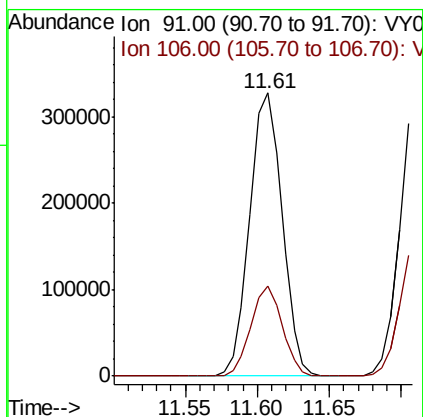
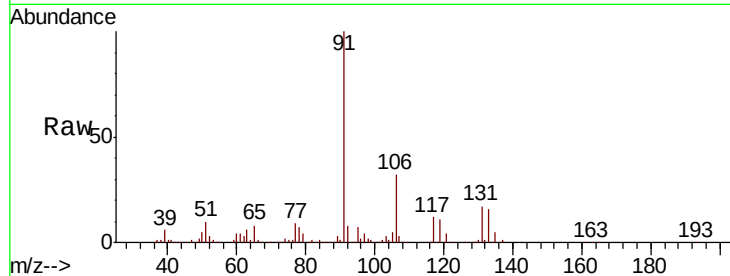




#67
Ethyl Benzene
Concen: 48.479 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

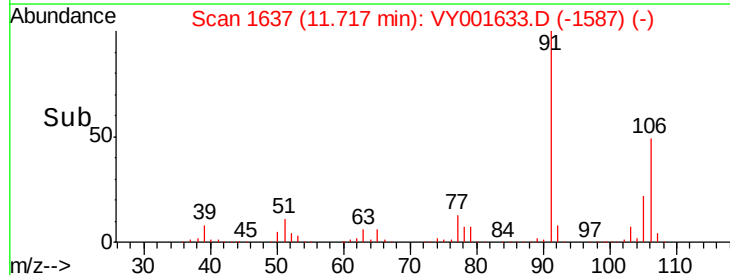
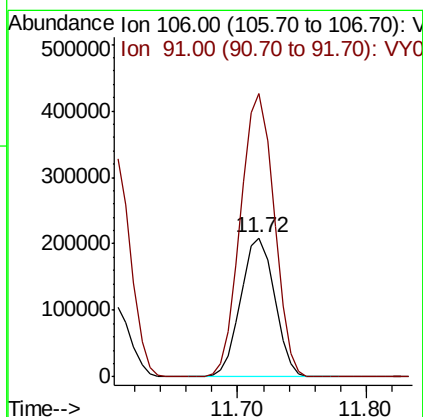
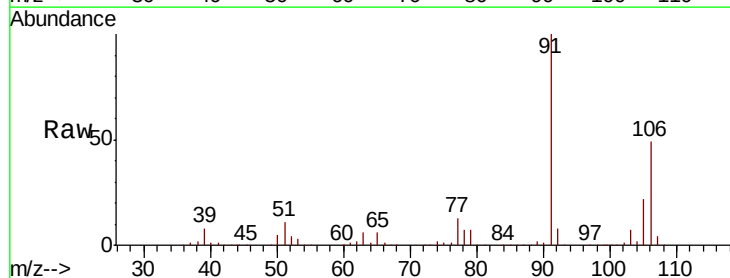
Instrument :
MSVOA_Y
ClientSampleId :

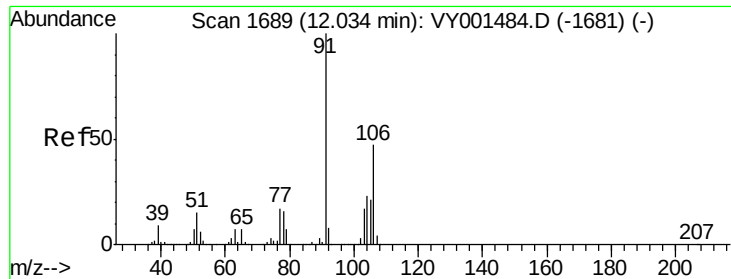
Tot Ion: 91 Resp: 510698
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9



#68
m/p-Xylenes
Concen: 96.343 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion: 106 Resp: 381006
Ion Ratio Lower Upper
106 100
91 202.9 163.6 245.4

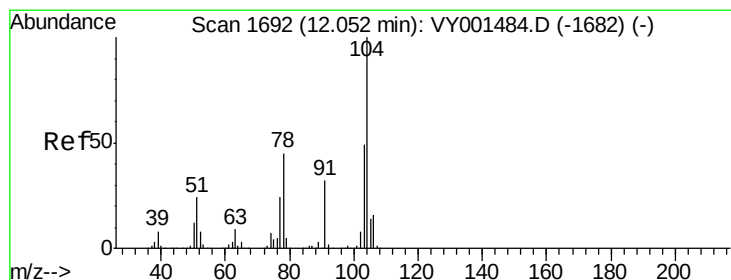
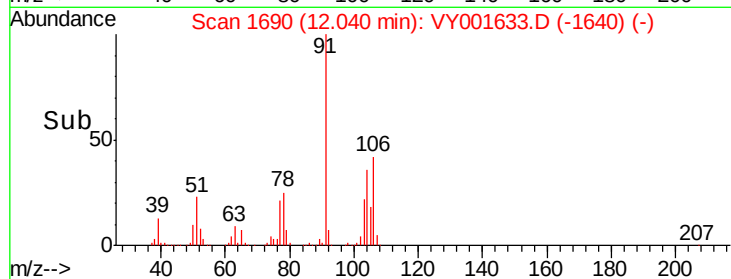
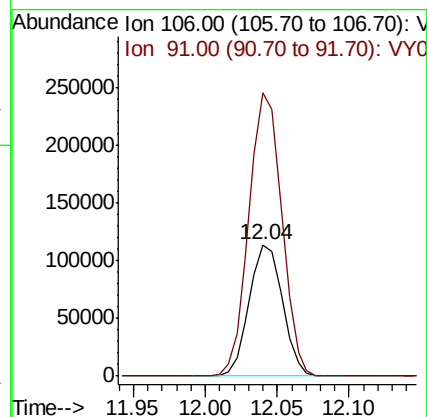
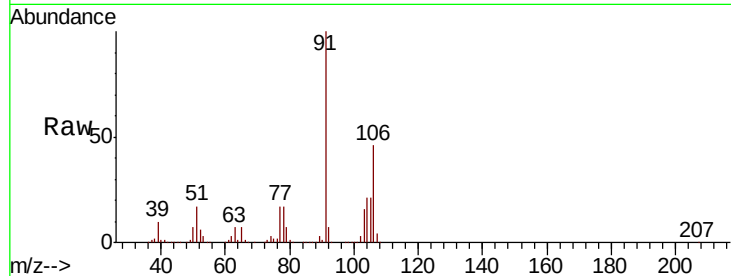




#69
o-Xylene
Concen: 48.872 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

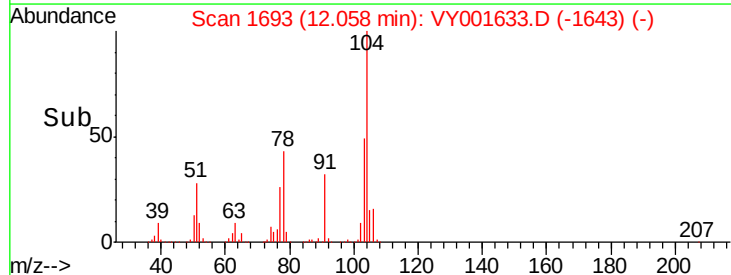
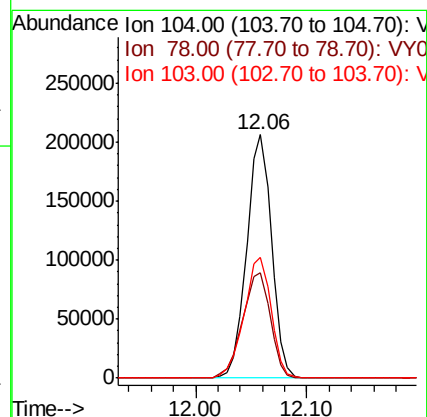
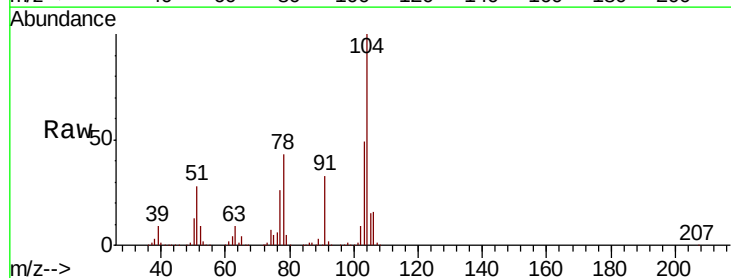
Instrument :
MSVOA_Y
ClientSampled :

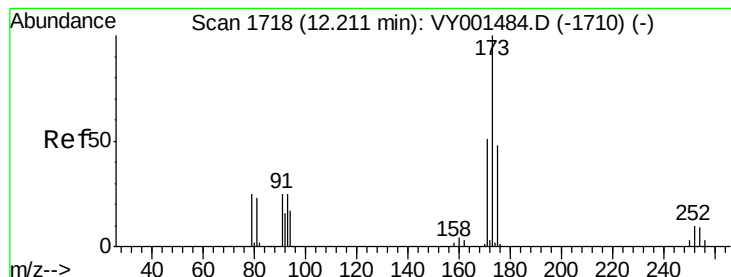
Tot Ion:106 Resp: 182231
Ion Ratio Lower Upper
106 100
91 212.9 106.0 318.0



#70
Styrene
Concen: 49.493 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion:104 Resp: 319137
Ion Ratio Lower Upper
104 100
78 48.7 40.4 60.6
103 54.0 42.8 64.2





#71

Bromoform

Concen: 48.791 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

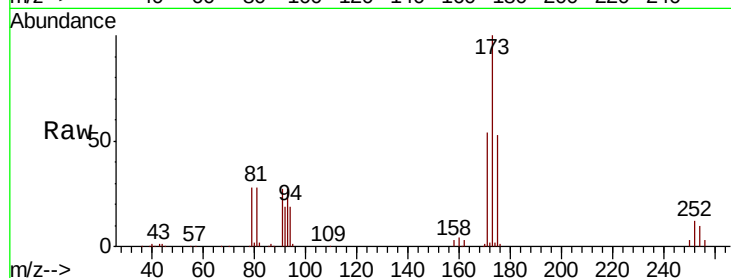
Tot Ion:173 Resp: 54175

Ion Ratio Lower Upper

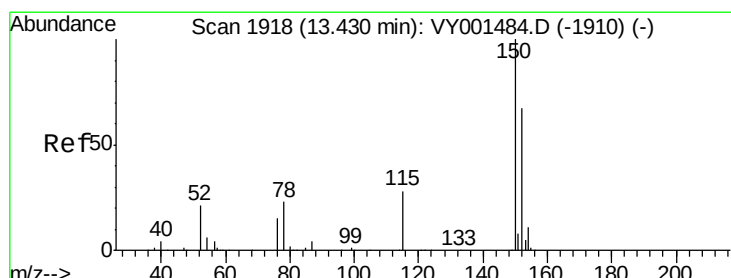
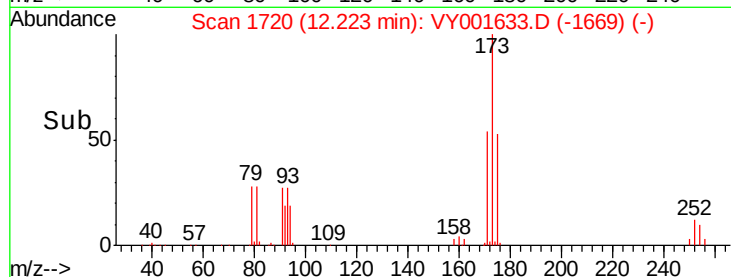
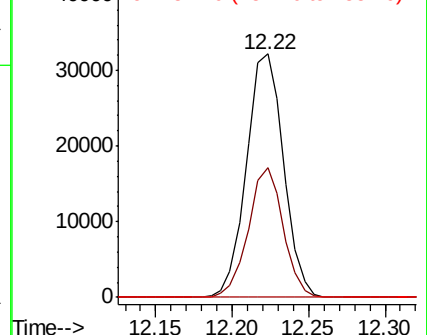
173 100

175 50.0 24.0 72.0

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: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

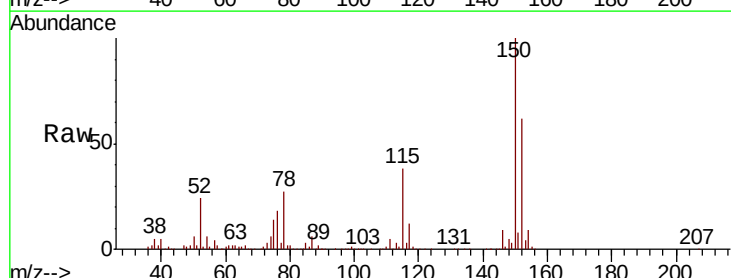
Tgt Ion:152 Resp: 137006

Ion Ratio Lower Upper

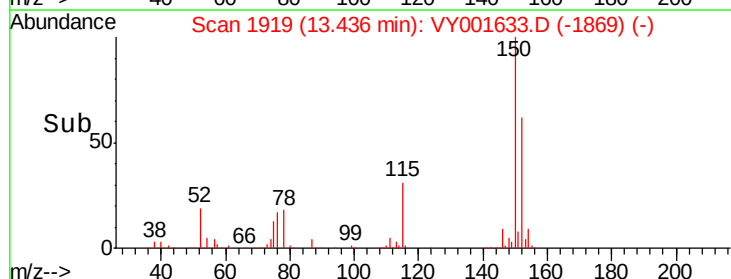
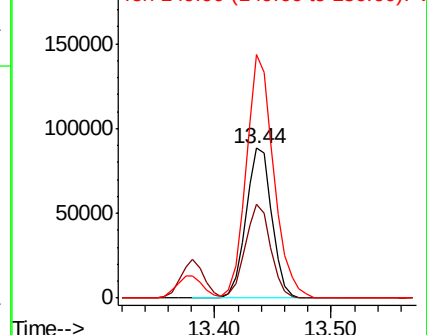
152 100

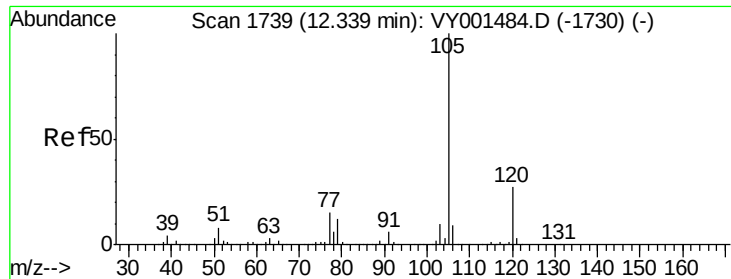
115 61.5 31.4 94.3

150 172.5 0.0 346.8



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

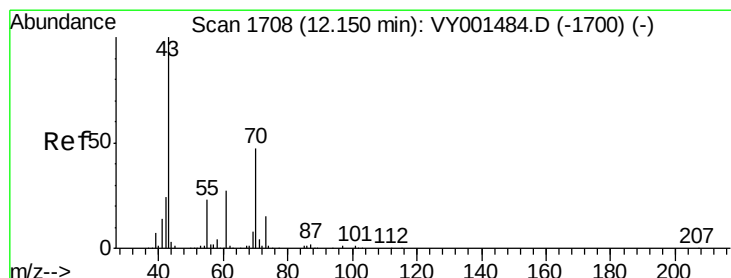
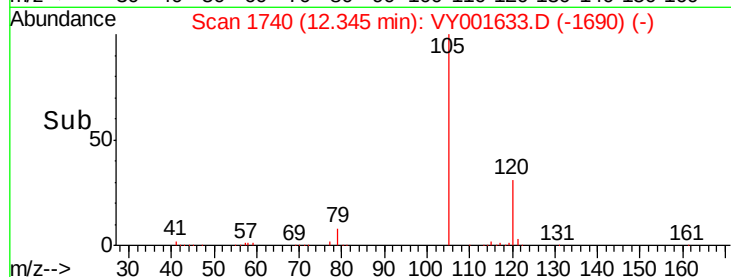
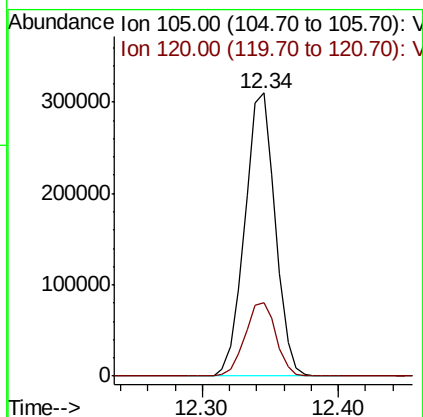
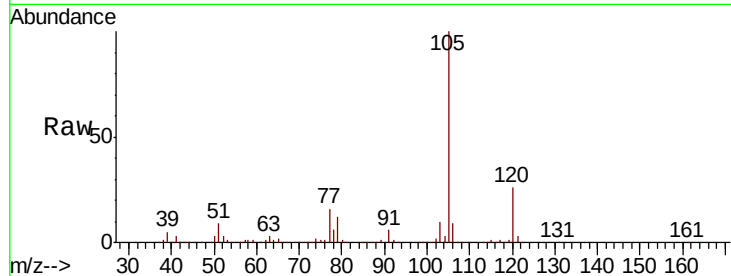




#73
Isopropylbenzene
Concen: 46.366 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

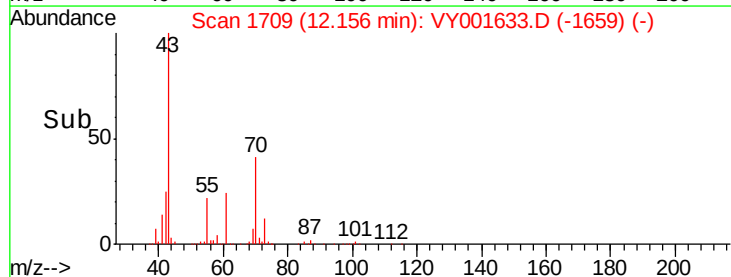
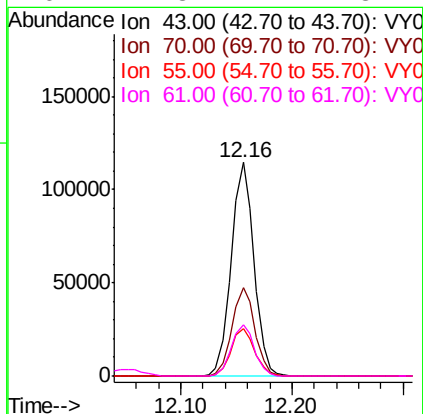
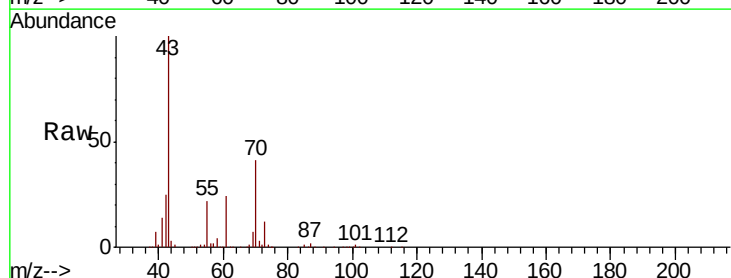
Instrument :
MSVOA_Y
ClientSampleId :

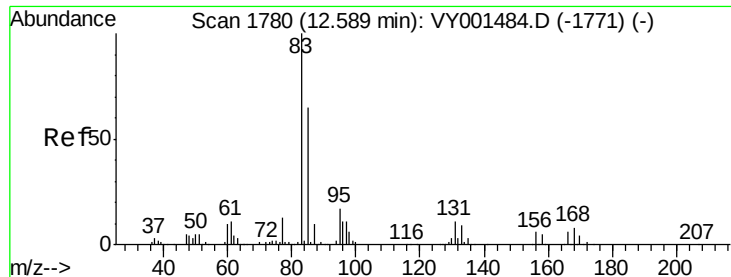
Tot Ion:105 Resp: 484485
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 59.376 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion: 43 Resp: 161223
Ion Ratio Lower Upper
43 100
70 42.0 37.2 55.8
55 22.8 18.8 28.2
61 24.3 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.996 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

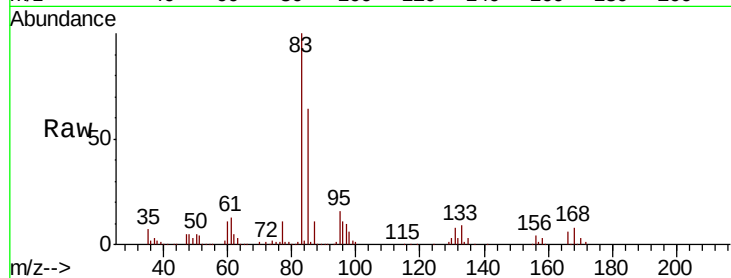
Tot Ion: 83 Resp: 107196

Ion Ratio Lower Upper

83 100

131 9.4 5.4 16.2

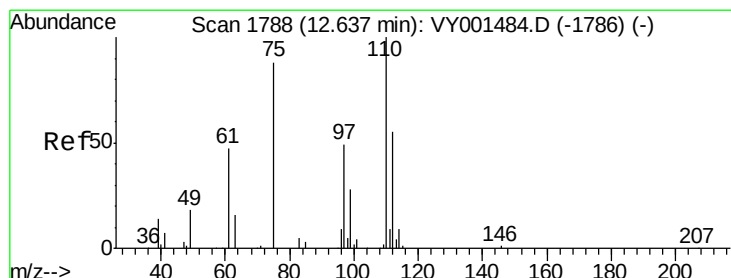
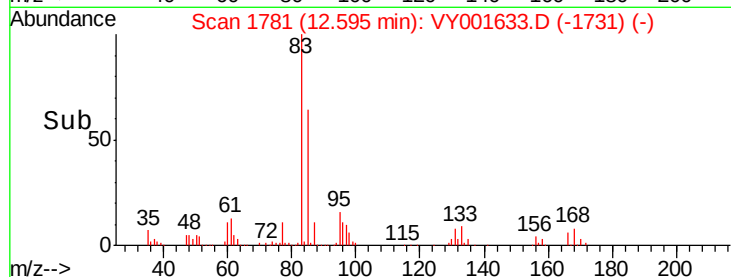
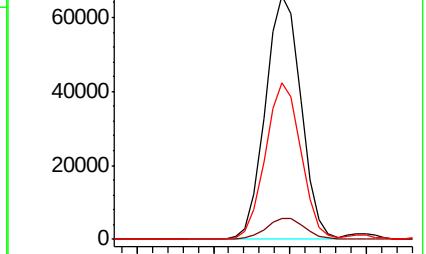
85 64.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY001633.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY001633.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY001633.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 95.390 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY001633.D

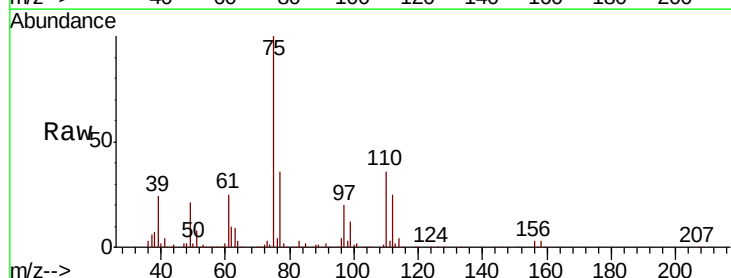
Acq: 13 Feb 2020 17:57

Tgt Ion: 75 Resp: 140545

Ion Ratio Lower Upper

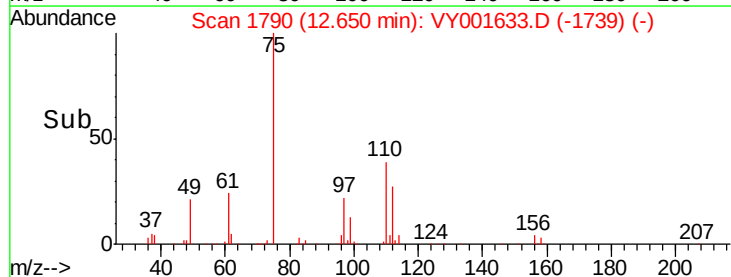
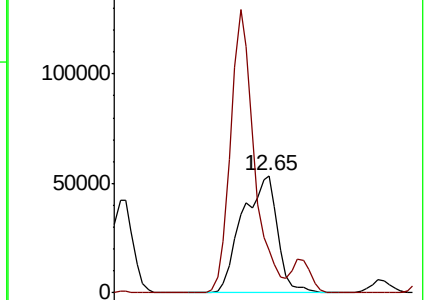
75 100

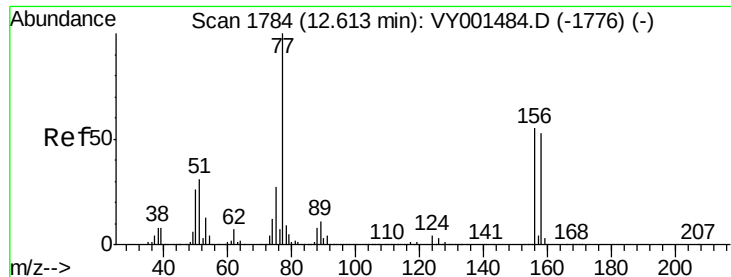
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001633.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY001633.D (-1739) (-)





#77

Bromobenzene

Concen: 47.626 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

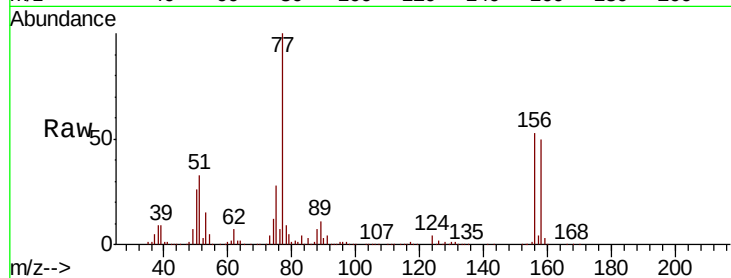
Tot Ion:156 Resp: 107697

Ion Ratio Lower Upper

156 100

77 211.5 99.8 299.3

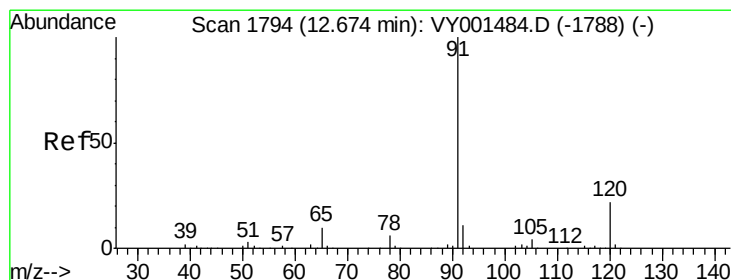
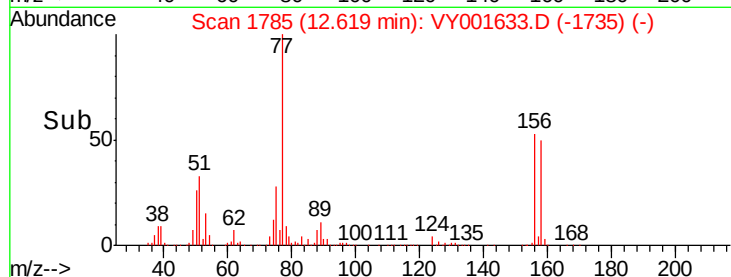
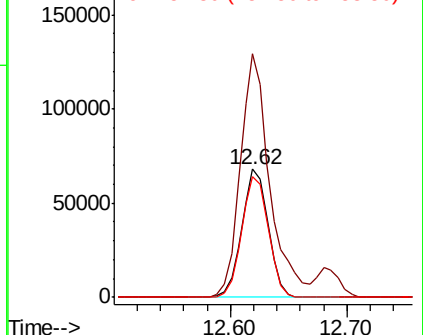
158 95.4 47.5 142.6



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: 47.704 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001633.D

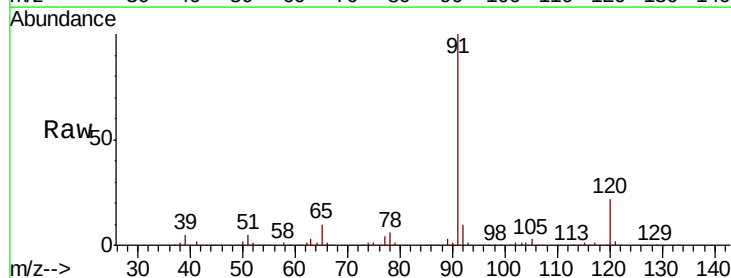
Acq: 13 Feb 2020 17:57

Tgt Ion: 91 Resp: 596746

Ion Ratio Lower Upper

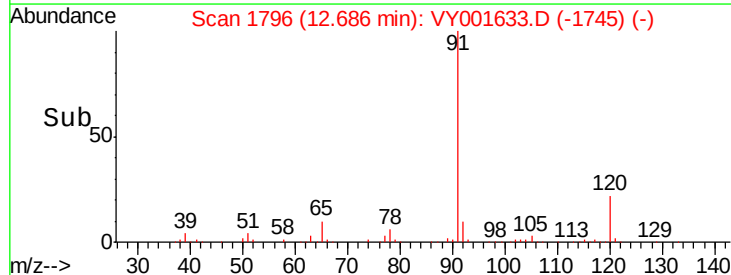
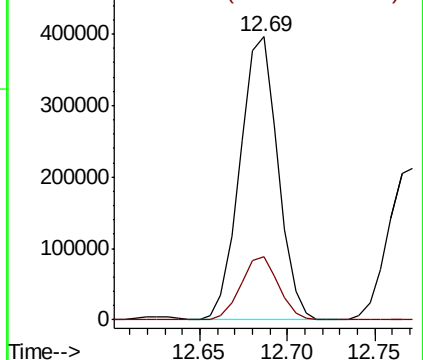
91 100

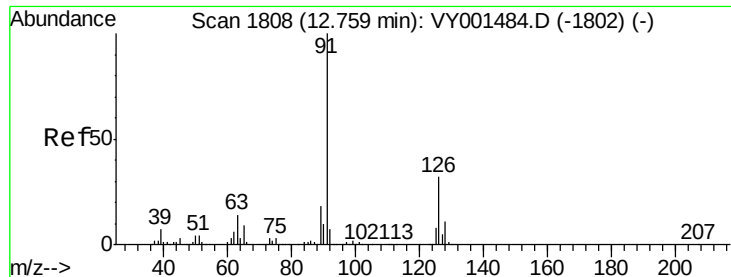
120 22.2 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.787 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :

MSVOA_Y

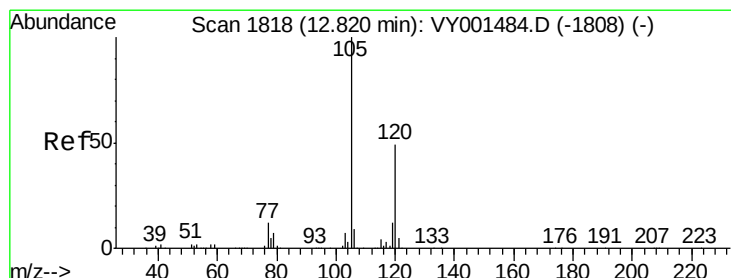
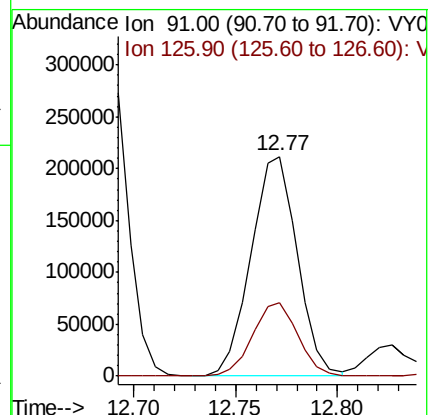
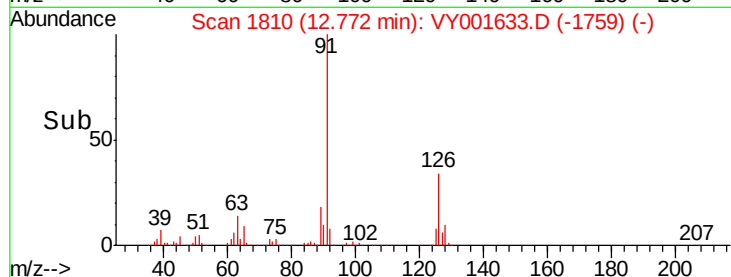
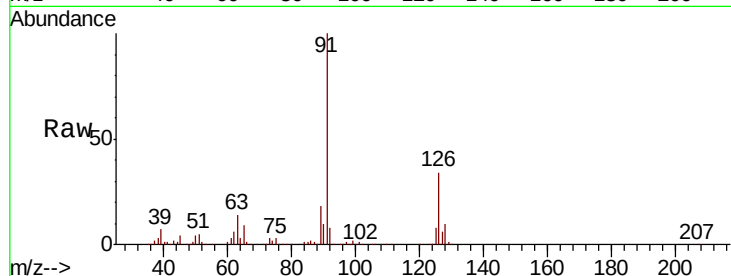
ClientSampleId :

Tot Ion: 91 Resp: 333613

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 46.106 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY001633.D

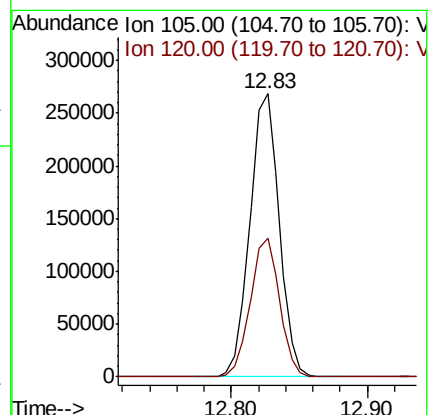
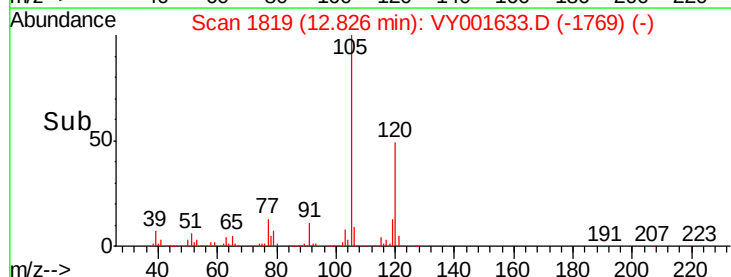
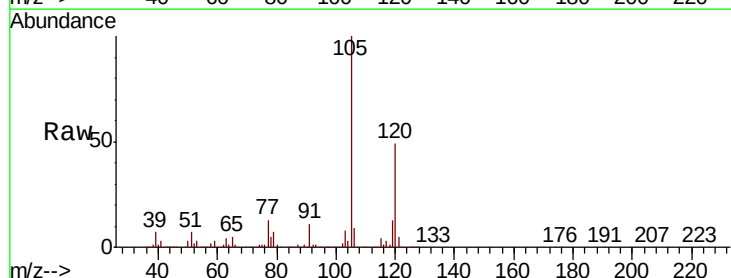
Acq: 13 Feb 2020 17:57

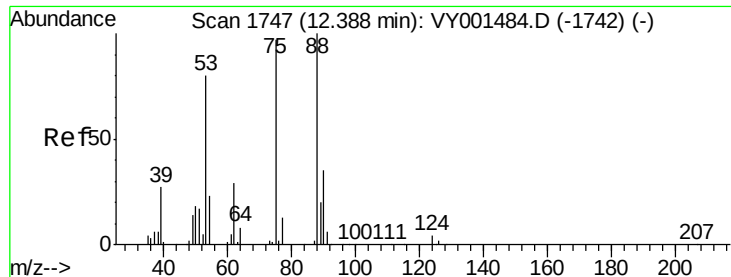
Tgt Ion: 105 Resp: 405734

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2

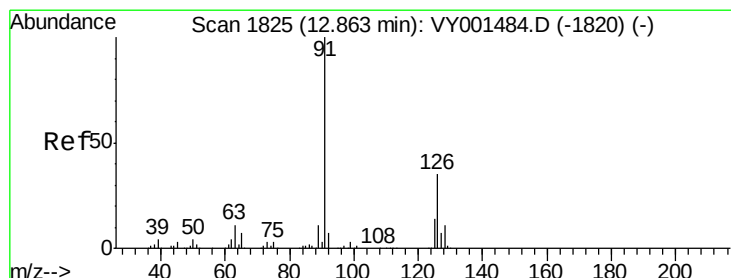
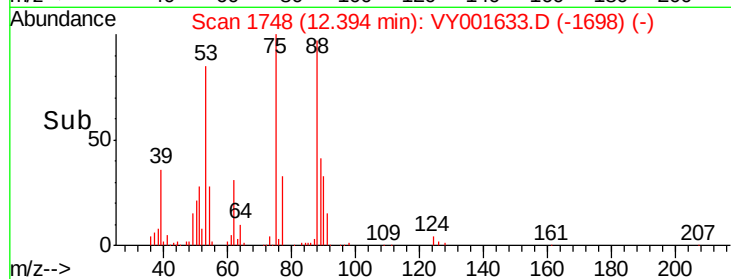
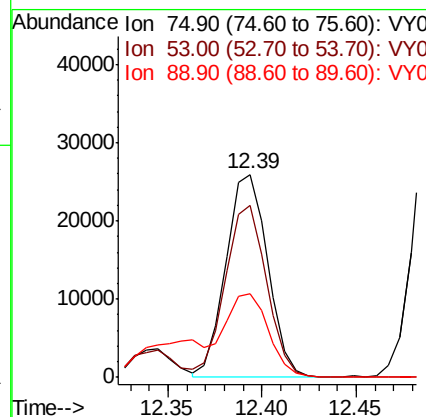
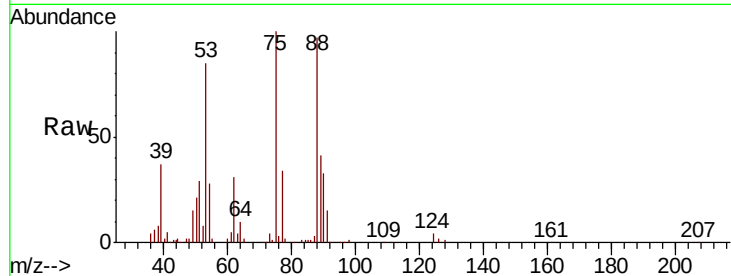




#81
trans-1,4-Dichloro-2-butene
Concen: 51.783 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

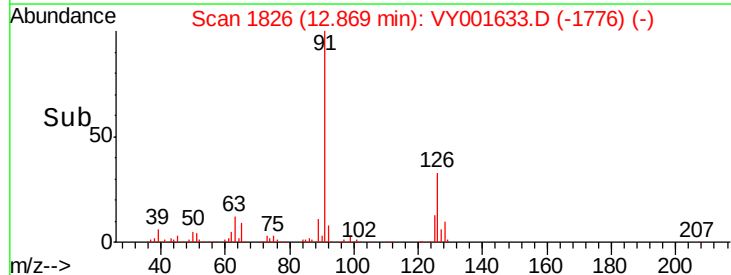
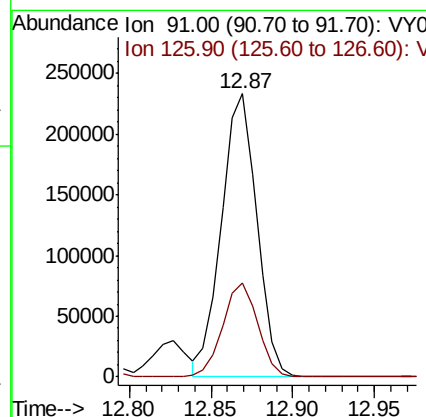
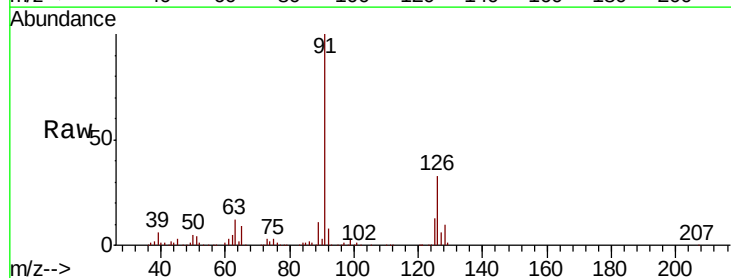
Instrument :
MSVOA_Y
ClientSampleId :

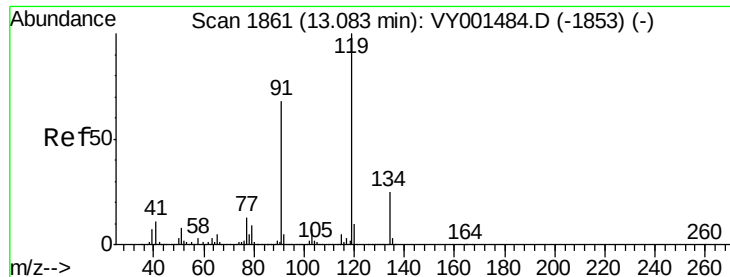
Tot Ion: 75 Resp: 39430
Ion Ratio Lower Upper
75 100
53 85.4 67.7 101.5
89 44.2 34.6 52.0



#82
4-Chlorotoluene
Concen: 47.142 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion: 91 Resp: 352436
Ion Ratio Lower Upper
91 100
126 33.1 16.5 49.5

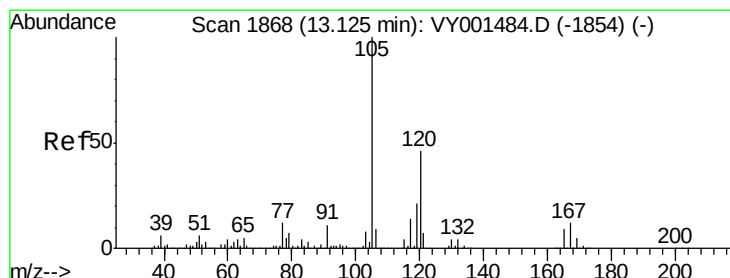
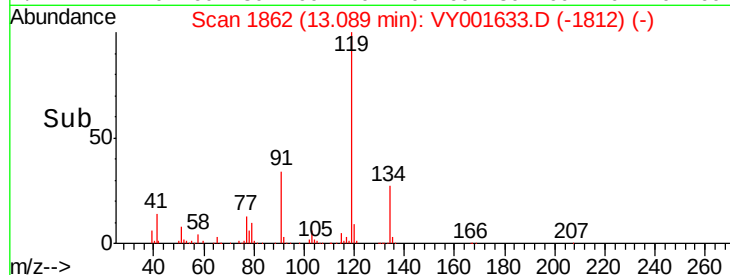
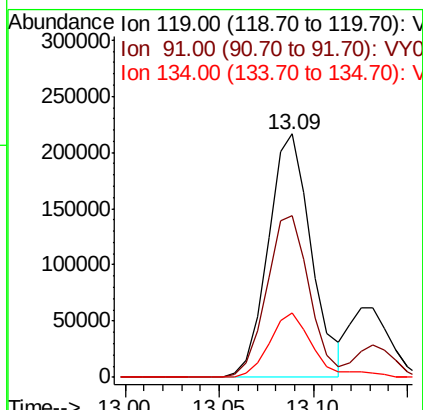
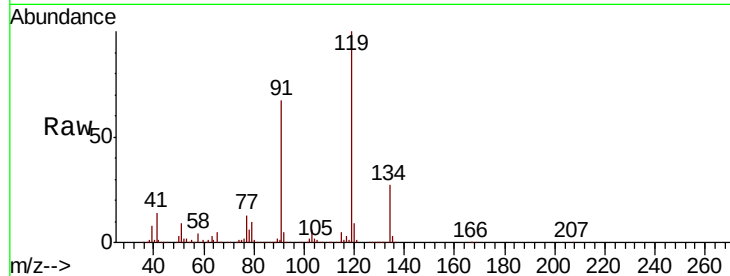




#83
tert-Butylbenzene
Concen: 46.182 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

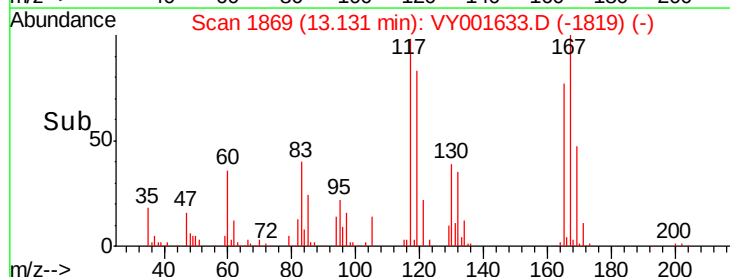
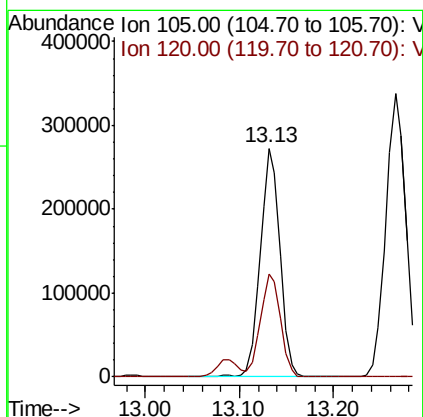
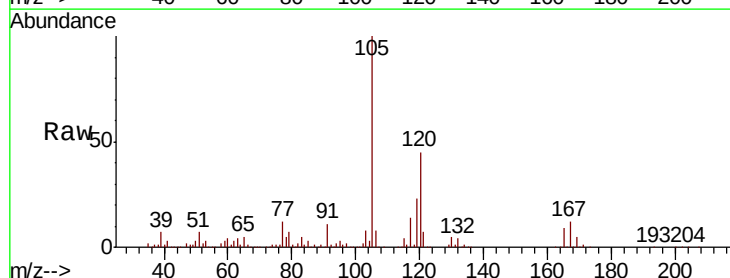
Instrument :
MSVOA_Y
ClientSampleId :

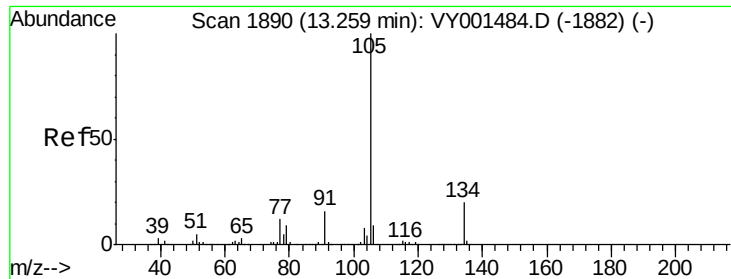
Tot Ion:119 Resp: 343521
Ion Ratio Lower Upper
119 100
91 65.7 33.1 99.3
134 26.9 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 46.346 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion:105 Resp: 403658
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.0





#85

sec-Butylbenzene

Concen: 47.652 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

Instrument :

MSVOA_Y

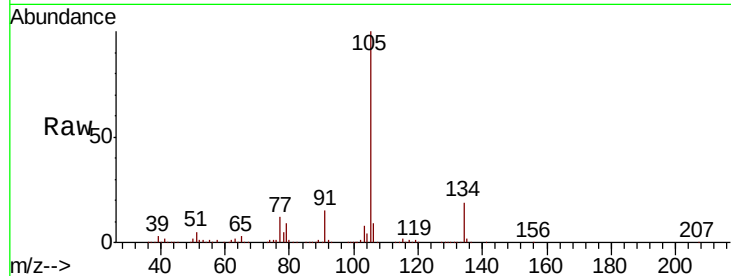
ClientSampleId :

Tot Ion:105 Resp: 498359

Ion Ratio Lower Upper

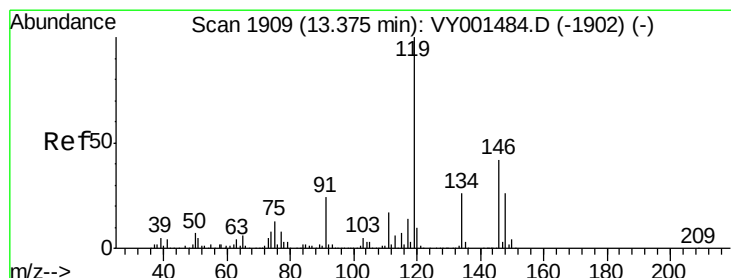
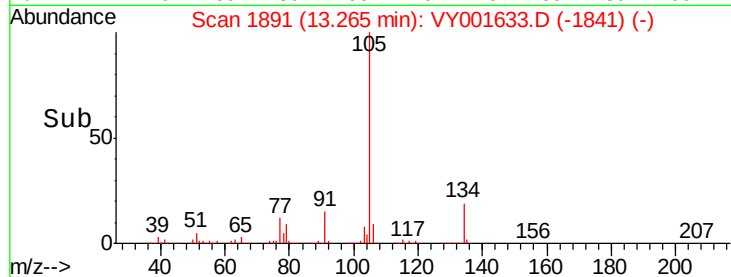
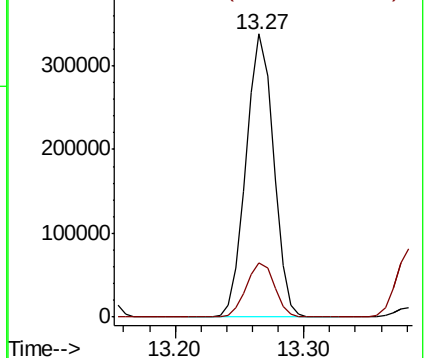
105 100

134 19.7 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.682 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001633.D

Acq: 13 Feb 2020 17:57

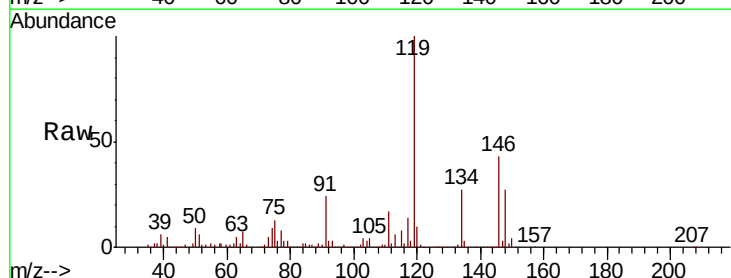
Tgt Ion:119 Resp: 430221

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

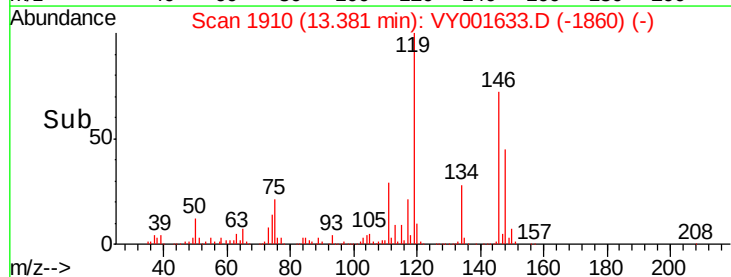
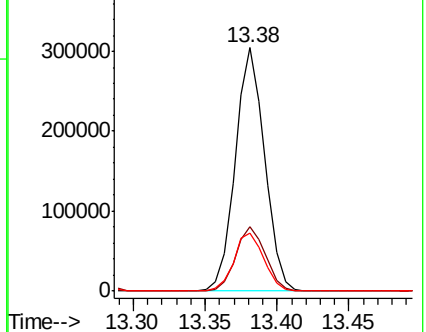
91 24.3 12.2 36.6

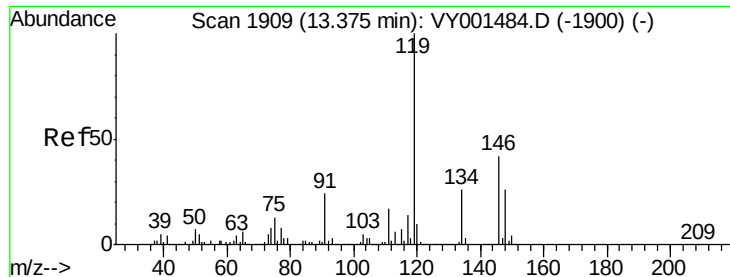


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

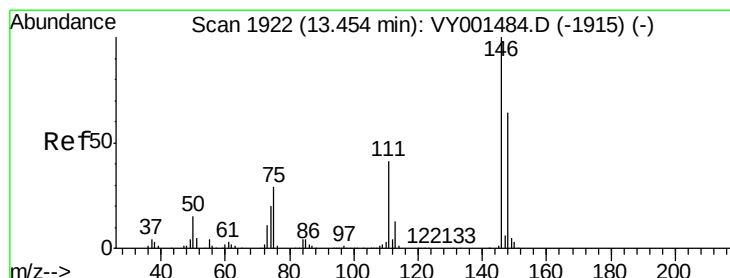
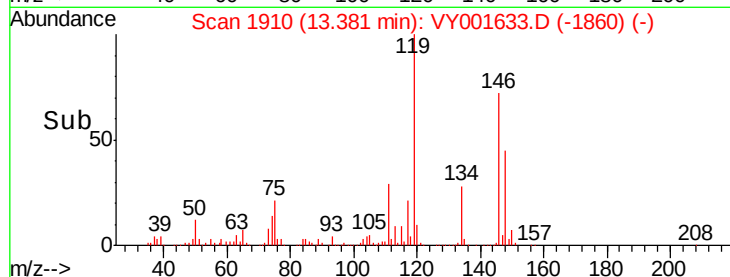
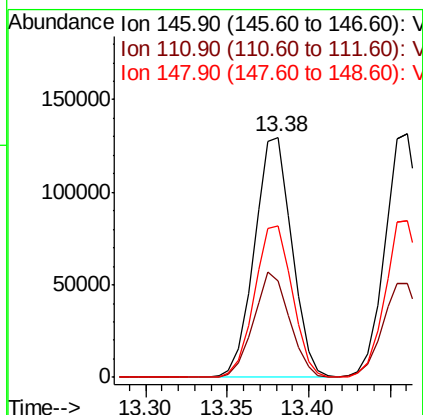
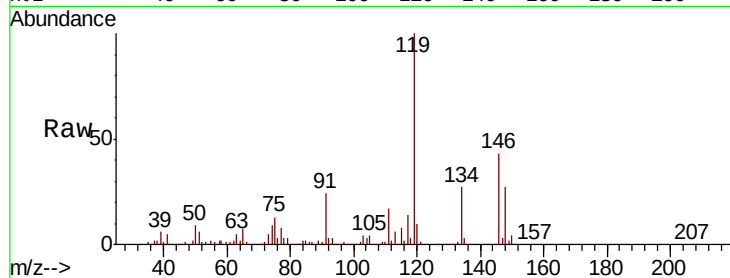




#87
 1,3-Dichlorobenzene
 Concen: 47.503 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

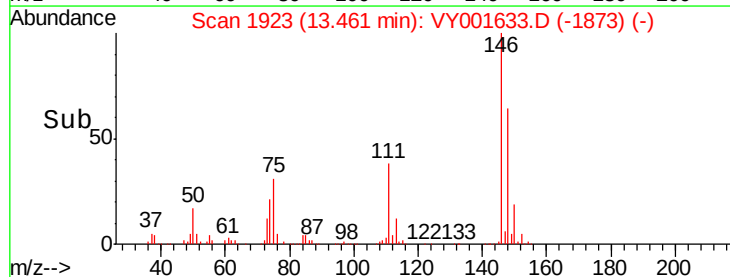
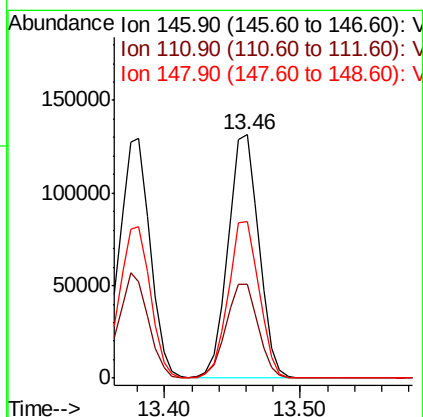
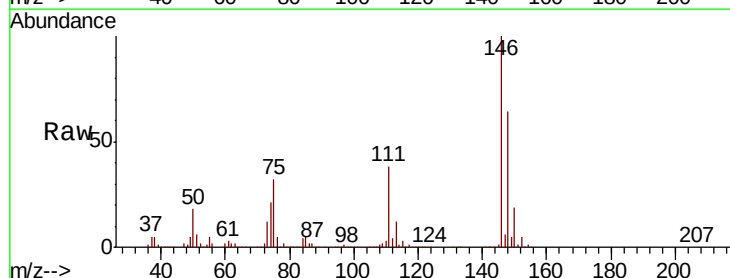
Instrument :
 MSVOA_Y
 ClientSampleId :

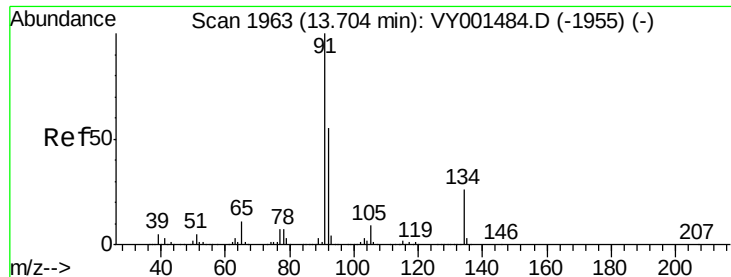
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	63.9
148	63.6	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 47.618 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.7	62.1
148	64.5	32.1	96.5

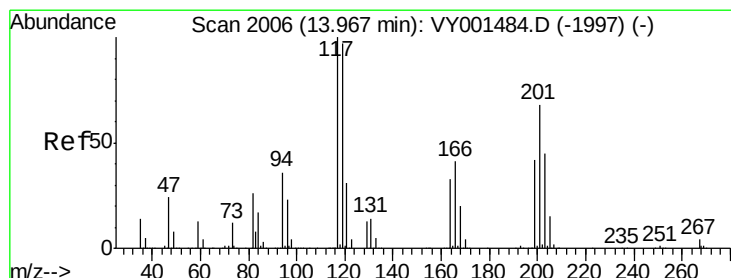
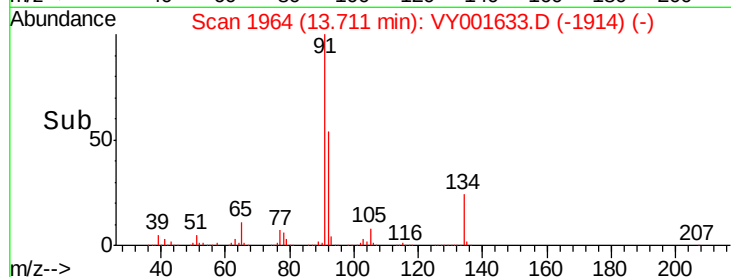
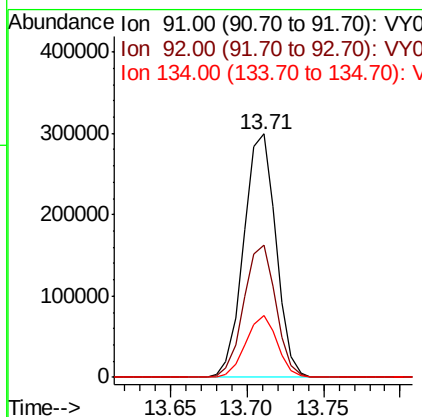
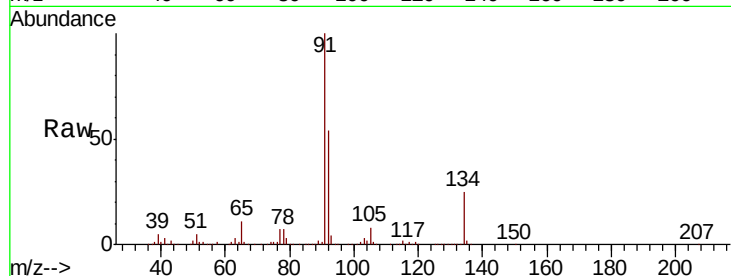




#89
n-Butylbenzene
Concen: 48.144 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

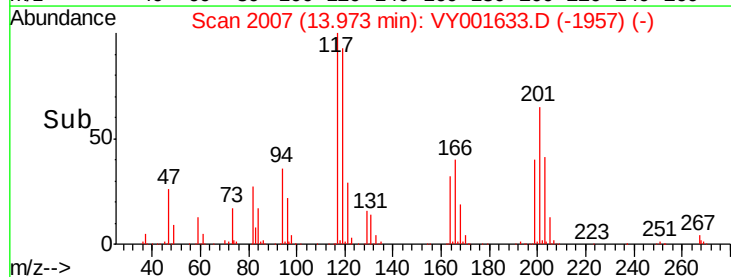
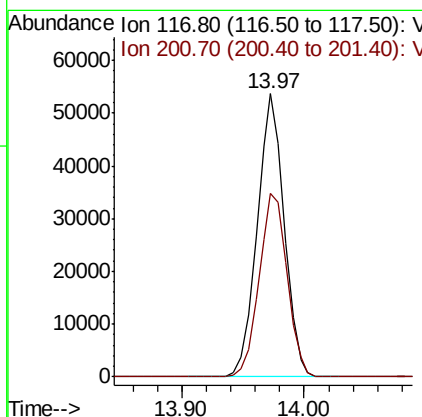
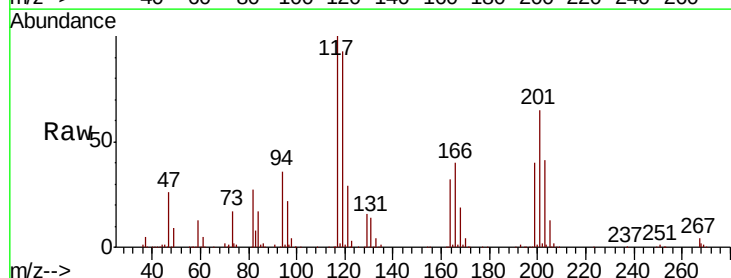
Instrument :
MSVOA_Y
ClientSampleId :

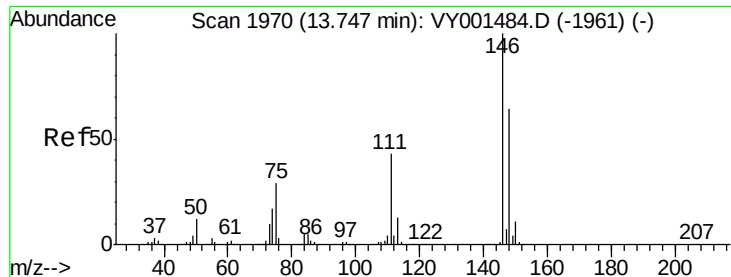
Tot Ion: 91 Resp: 437784
Ion Ratio Lower Upper
91 100
92 54.1 27.3 81.9
134 24.7 13.0 38.9



#90
Hexachloroethane
Concen: 46.757 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion: 117 Resp: 82707
Ion Ratio Lower Upper
117 100
201 67.1 34.1 102.3

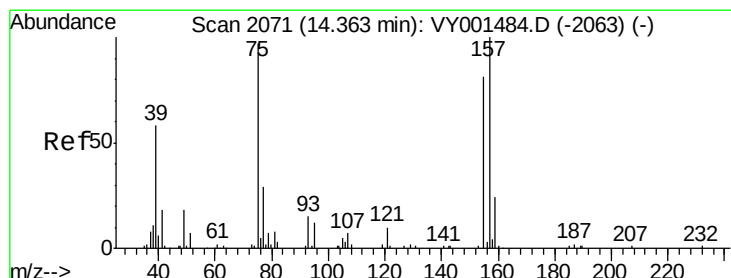
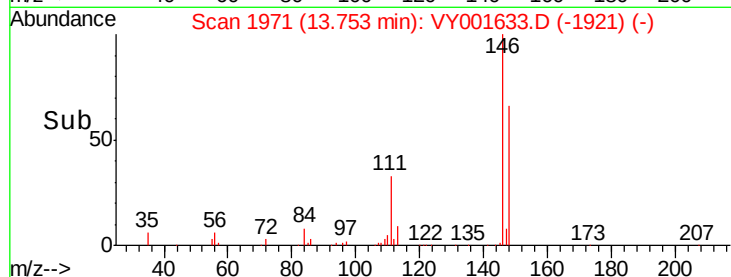
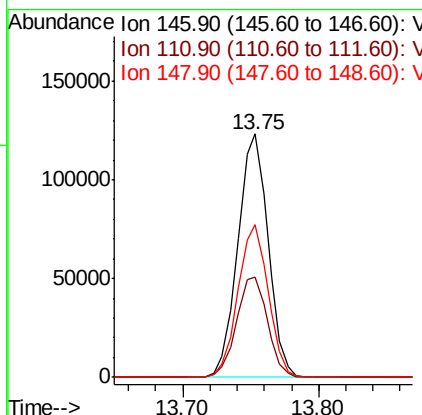
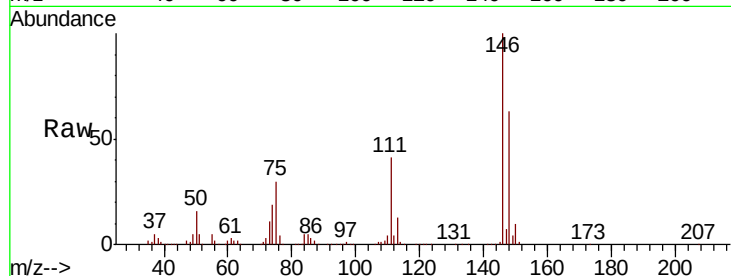




#91
 1,2-Dichlorobenzene
 Concen: 48.546 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

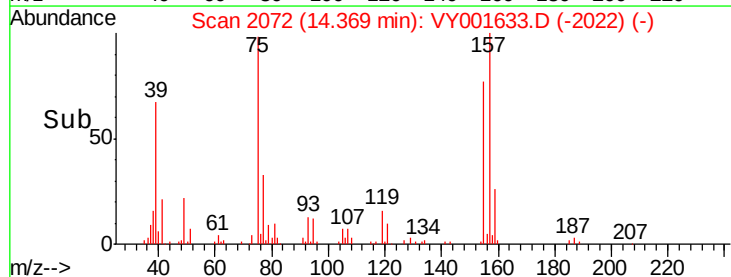
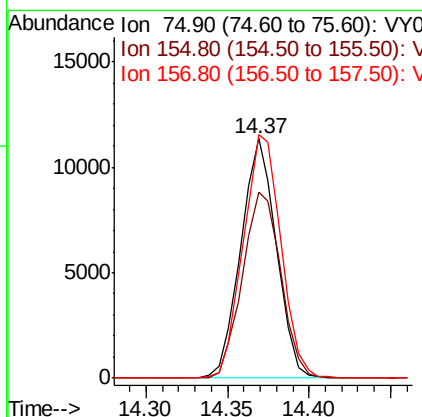
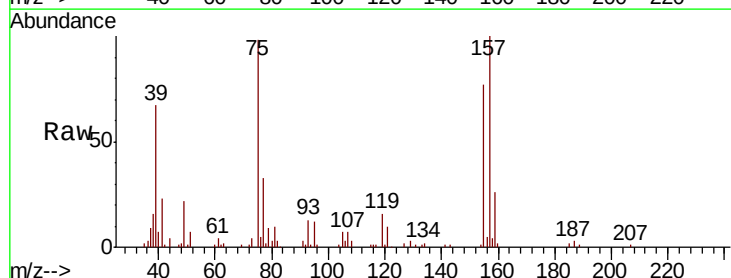
Instrument :
 MSVOA_Y
 ClientSampleId :

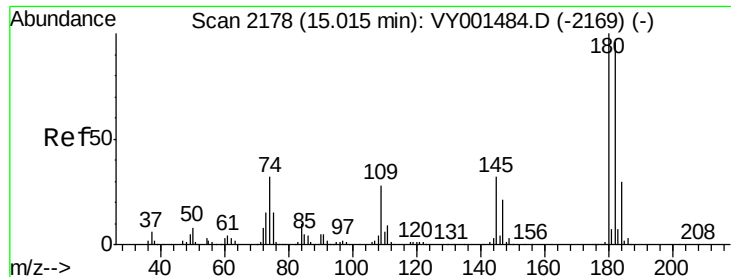
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.9	65.8
148	62.9	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.879 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.8	40.7	122.1
157	108.1	52.3	157.1

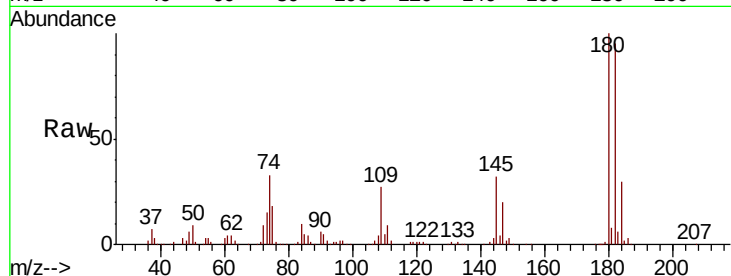




#93
 1,2,4-Trichlorobenzene
 Concen: 45.689 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.9	140.7
145	31.3	16.8	50.3

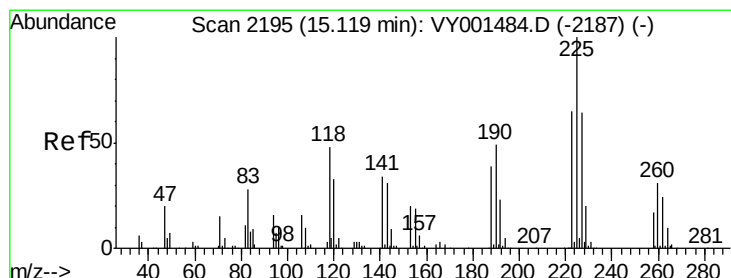
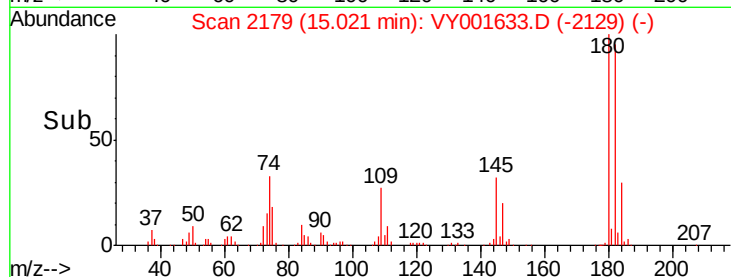
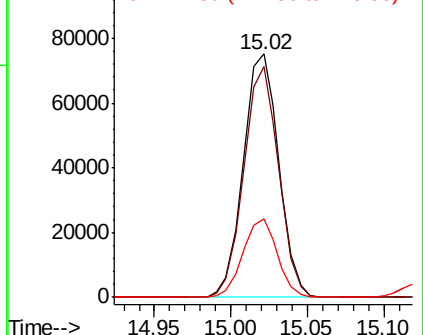


Abundance

Ion 179.80 (179.50 to 180.50): V

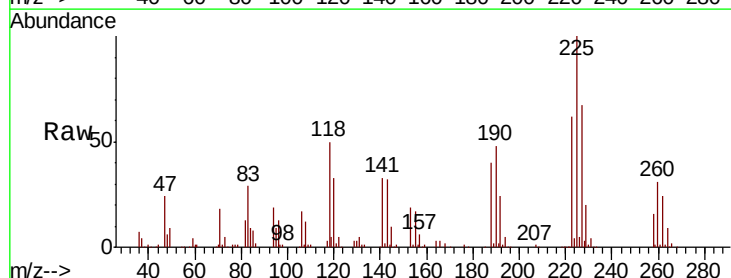
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 44.890 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001633.D
 Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.9	95.7
227	63.4	32.6	97.7

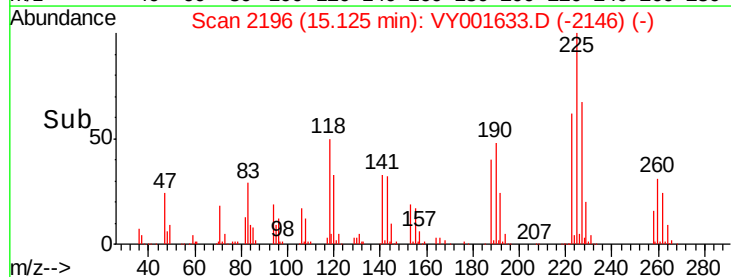
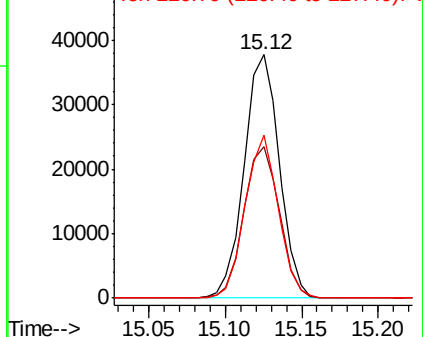


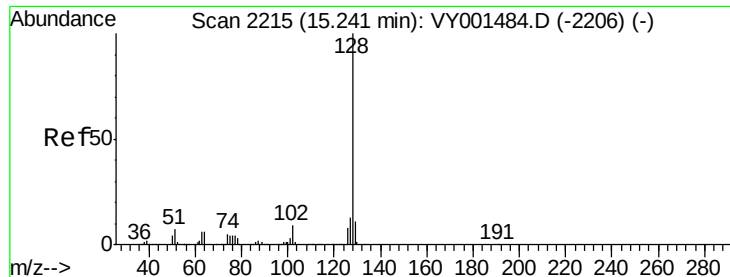
Abundance

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

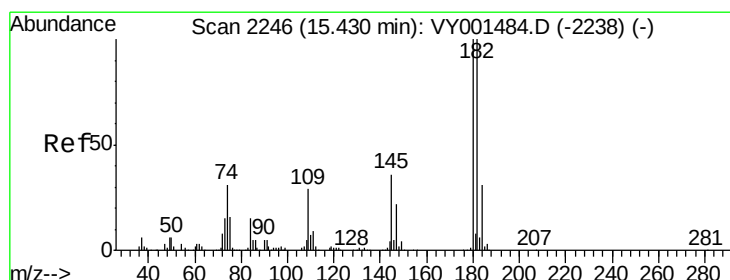
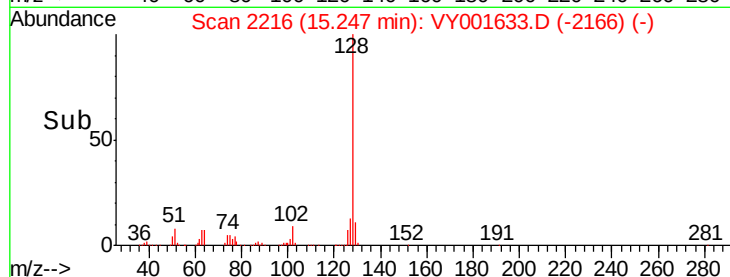
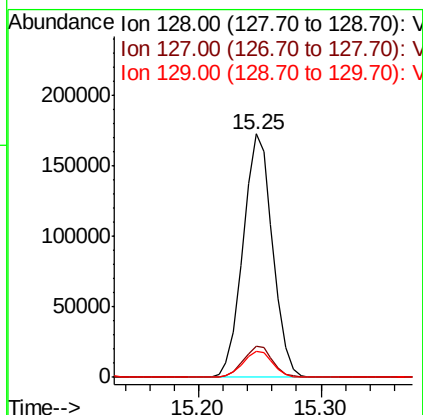
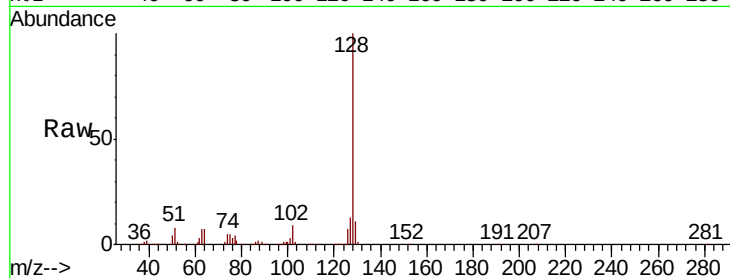




#95
Naphthalene
Concen: 46.424 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 288757
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 45.799 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001633.D
Acq: 13 Feb 2020 17:57

Tgt Ion:180 Resp: 106996
Ion Ratio Lower Upper
180 100
182 94.7 48.0 144.2
145 34.0 17.8 53.5

