

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001331.D
 Acq On : 22 Jan 2020 15:23
 Operator : SY/MD
 Sample : VY0122SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:14:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:09:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	216021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	373942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	329279	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	159278	50.00	ug/l	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	113008	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
35) Dibromofluoromethane	7.75	113	105042	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
50) Toluene-d8	10.20	98	431800	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.49	95	160095	47.15	ug/l	-0.02
Spiked Amount			Recovery	=	94.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	37942	22.272	ug/l	94
3) Chloromethane	2.13	50	53305	20.703	ug/l	99
4) Vinyl Chloride	2.27	62	56363	20.994	ug/l	97
5) Bromomethane	2.66	94	37172	20.559	ug/l	100
6) Chloroethane	2.81	64	35489	20.687	ug/l	96
7) Trichlorofluoromethane	3.15	101	73213	21.314	ug/l	99
8) Diethyl Ether	3.56	74	28184	19.437	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.94	101	46461	21.239	ug/l	98
10) Methyl Iodide	4.13	142	56574	19.609	ug/l	99
11) Tert butyl alcohol	5.00	59	37734	117.404	ug/l	96
12) 1,1-Dichloroethene	3.91	96	46708	20.365	ug/l	92
13) Acrolein	3.77	56	21150	114.302	ug/l	99
14) Allyl chloride	4.52	41	82628	20.201	ug/l	99
15) Acrylonitrile	5.21	53	73096	98.481	ug/l	99
16) Acetone	3.99	43	66492	102.921	ug/l	90
17) Carbon Disulfide	4.23	76	150486	20.862	ug/l	96
18) Methyl Acetate	4.52	43	39118	19.734	ug/l	97
19) Methyl tert-butyl Ether	5.27	73	131500	19.581	ug/l	99
20) Methylene Chloride	4.76	84	65044	19.853	ug/l	99
21) trans-1,2-Dichloroethene	5.27	96	54286	20.376	ug/l	97
22) Diisopropyl ether	6.16	45	168997	19.457	ug/l	95
23) Vinyl Acetate	6.11	43	548354	97.249	ug/l	99
24) 1,1-Dichloroethane	6.07	63	91147	19.909	ug/l	97
25) 2-Butanone	7.03	43	100139	97.876	ug/l	97
26) 2,2-Dichloropropane	7.02	77	82533	20.239	ug/l	98
27) cis-1,2-Dichloroethene	7.03	96	60293	20.249	ug/l	100
28) Bromochloromethane	7.38	49	32738	17.340	ug/l	99
29) Tetrahydrofuran	7.39	42	65509	98.417	ug/l	99
30) Chloroform	7.55	83	87511	19.502	ug/l	100
31) Cyclohexane	7.82	56	94752	20.846	ug/l	91
32) 1,1,1-Trichloroethane	7.74	97	76599	20.217	ug/l	100
36) 1,1-Dichloropropene	7.95	75	72686	20.575	ug/l	98
37) Ethyl Acetate	7.11	43	44321	20.534	ug/l	100
38) Carbon Tetrachloride	7.94	117	66984	21.275	ug/l	94

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 Sample : VY0122SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:14:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:09:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	96113	21.237	ug/l	98
40) Benzene	8.19	78	216867	20.473	ug/l	100
41) Methacrylonitrile	7.38	41	59237	53.183	ug/l #	100
42) 1,2-Dichloroethane	8.27	62	60008	20.274	ug/l	99
43) Isopropyl Acetate	8.30	43	83975	20.008	ug/l	98
44) Trichloroethene	8.96	130	55669	20.480	ug/l	94
45) 1,2-Dichloropropane	9.24	63	53939	20.143	ug/l	100
46) Dibromomethane	9.33	93	28460	19.797	ug/l	99
47) Bromodichloromethane	9.52	83	67891	19.755	ug/l	94
48) Methyl methacrylate	9.32	41	37827	19.825	ug/l	98
49) 1,4-Dioxane	9.32	88	8505	419.525	ug/l	95
51) 4-Methyl-2-Pentanone	10.09	43	216519	100.174	ug/l	100
52) Toluene	10.26	92	136621	20.346	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	76297	20.030	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	87981	20.123	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	42305	19.938	ug/l	98
56) Ethyl methacrylate	10.53	69	63863	19.913	ug/l	98
57) 1,3-Dichloropropane	10.81	76	74943	20.275	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	109592	98.754	ug/l	99
59) 2-Hexanone	10.85	43	156206	103.810	ug/l	99
60) Dibromochloromethane	11.00	129	46551	19.615	ug/l	99
61) 1,2-Dibromoethane	11.11	107	40684	20.282	ug/l	100
64) Tetrachloroethene	10.74	164	43636	20.746	ug/l	97
65) Chlorobenzene	11.53	112	143568	20.685	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.61	131	48624	20.528	ug/l	99
67) Ethyl Benzene	11.61	91	266146	20.807	ug/l	98
68) m/p-Xylenes	11.72	106	198942	41.643	ug/l	100
69) o-Xylene	12.04	106	93510	20.347	ug/l	99
70) Styrene	12.06	104	164714	20.427	ug/l	98
71) Bromoform	12.22	173	27577	19.504	ug/l #	100
73) Isopropylbenzene	12.34	105	252717	20.107	ug/l	99
74) N-amyl acetate	12.16	43	80762	19.631	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	53643	19.929	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	70473	36.718	ug/l #	100
77) Bromobenzene	12.62	156	55352	19.884	ug/l	99
78) n-propylbenzene	12.68	91	306981	20.292	ug/l	99
79) 2-Chlorotoluene	12.77	91	172793	19.994	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	215073	20.500	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	20087	19.805	ug/l	97
82) 4-Chlorotoluene	12.86	91	182260	19.743	ug/l	99
83) tert-Butylbenzene	13.08	119	178370	20.170	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	212105	20.138	ug/l	98
85) sec-Butylbenzene	13.26	105	262991	20.932	ug/l	100
86) p-Isopropyltoluene	13.38	119	233901	21.125	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	110812	20.669	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	110557	20.310	ug/l	99
89) n-Butylbenzene	13.70	91	233403	20.946	ug/l	100
90) Hexachloroethane	13.97	117	42841	20.413	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	100836	20.394	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9378	20.191	ug/l	98

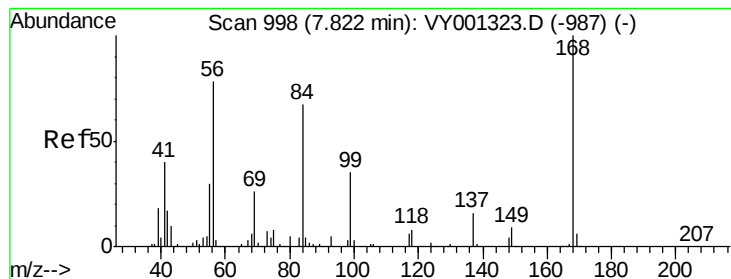
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
Data File : VY001331.D
Acq On : 22 Jan 2020 15:23
Operator : SY/MD
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 23 01:14:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:09:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	69277	20.876	ug/l	97
94) Hexachlorobutadiene	15.12	225	33747	20.885	ug/l	97
95) Naphthalene	15.24	128	156915	20.679	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	59972	20.602	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

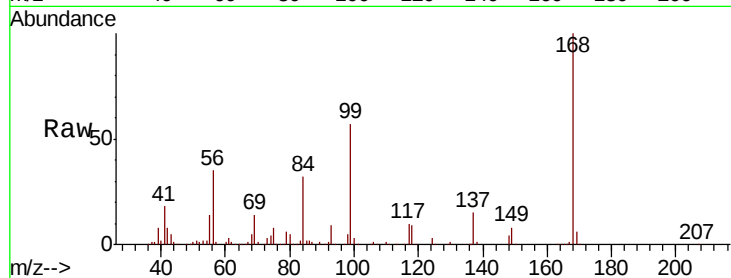
ClientSampleId :

Tot Ion:168 Resp: 216021

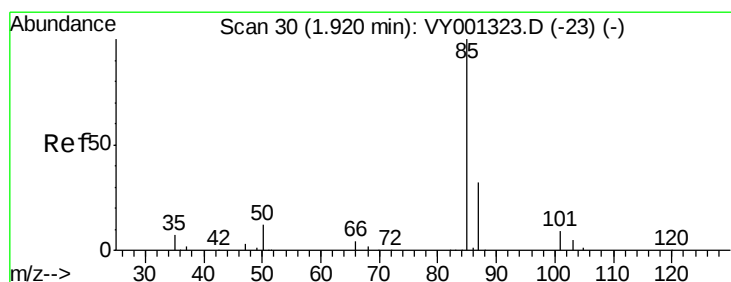
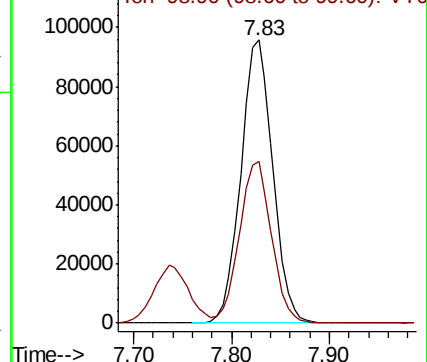
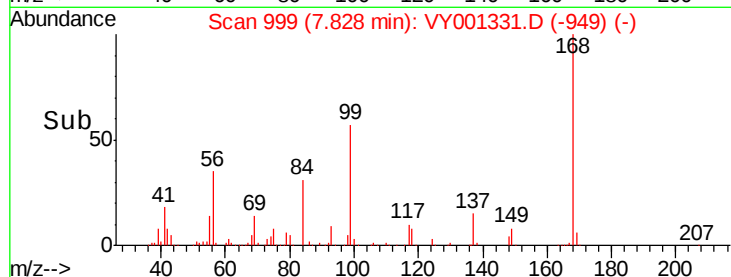
Ion Ratio Lower Upper

168 100

99 57.3 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001331.D (-949) (-)



#2

Dichlorodifluoromethane

Concen: 22.272 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.00 min

Lab File: VY001331.D

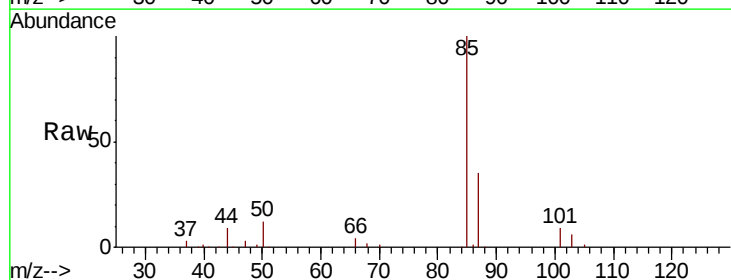
Acq: 22 Jan 2020 15:23

Tgt Ion: 85 Resp: 37942

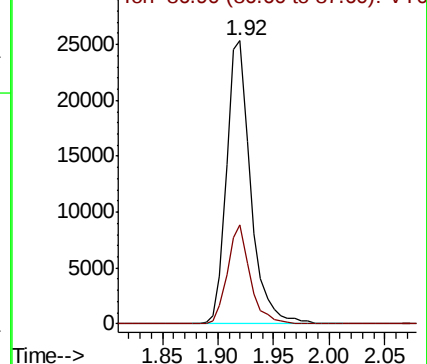
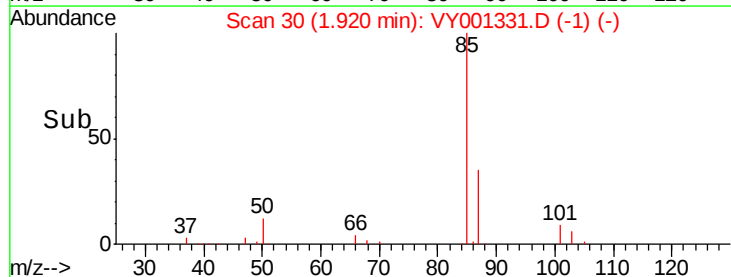
Ion Ratio Lower Upper

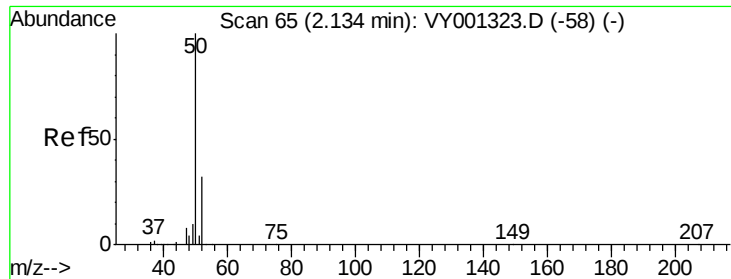
85 100

87 35.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001331.D (-1) (-)





#3

Chloromethane

Concen: 20.703 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.00 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

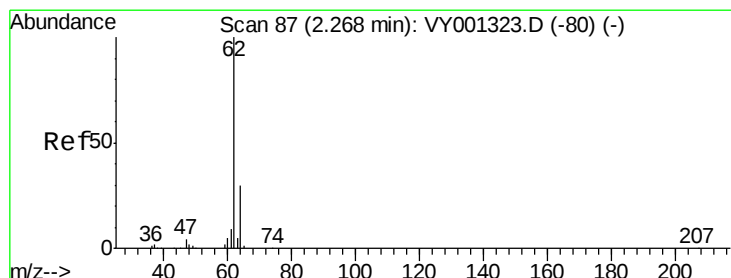
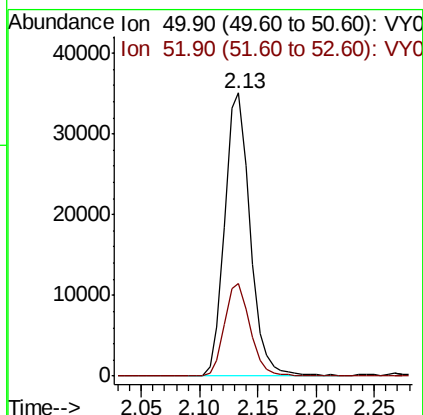
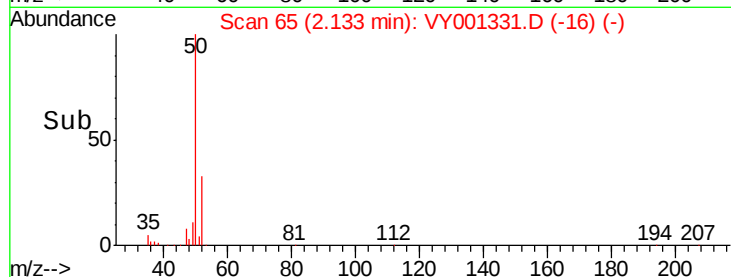
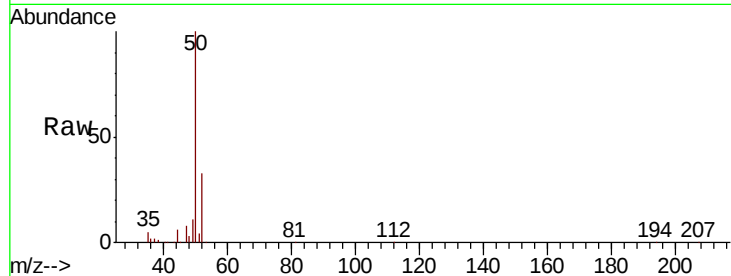
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 53305

Ion Ratio Lower Upper

50 100

52 32.6 25.7 38.5



#4

Vinyl Chloride

Concen: 20.994 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001331.D

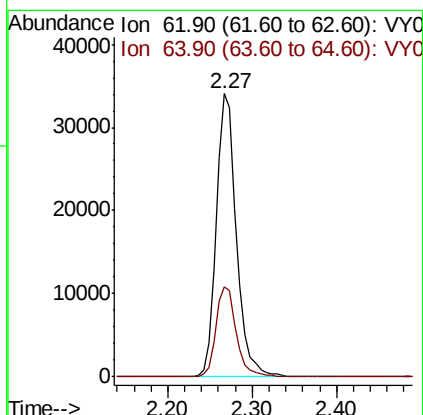
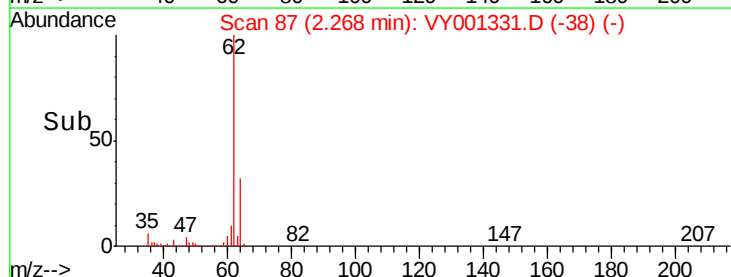
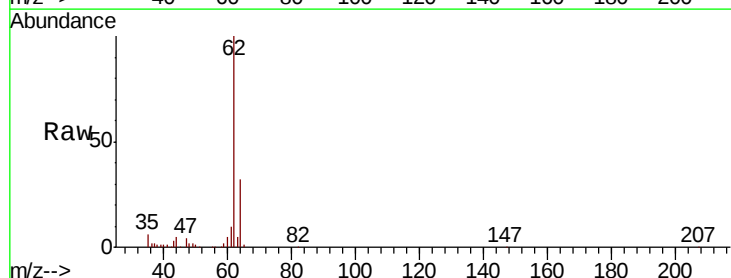
Acq: 22 Jan 2020 15:23

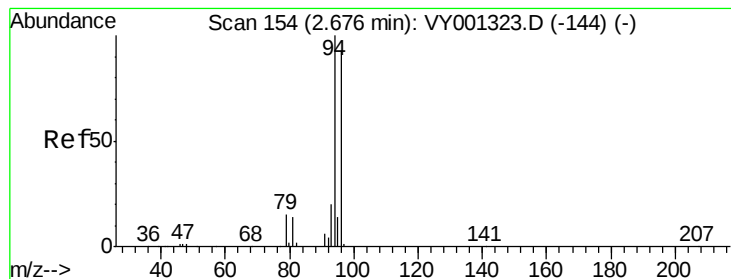
Tgt Ion: 62 Resp: 56363

Ion Ratio Lower Upper

62 100

64 31.7 23.9 35.9





#5

Bromomethane

Concen: 20.559 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

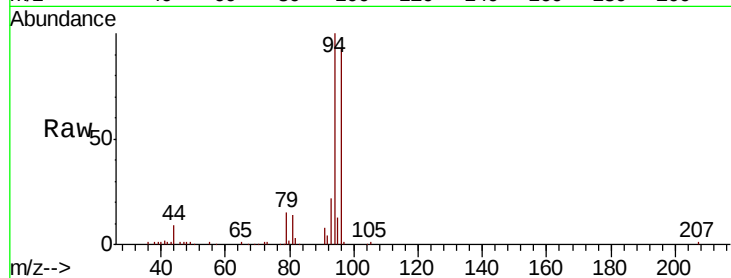
ClientSampleId :

Tot Ion: 94 Resp: 37172

Ion Ratio Lower Upper

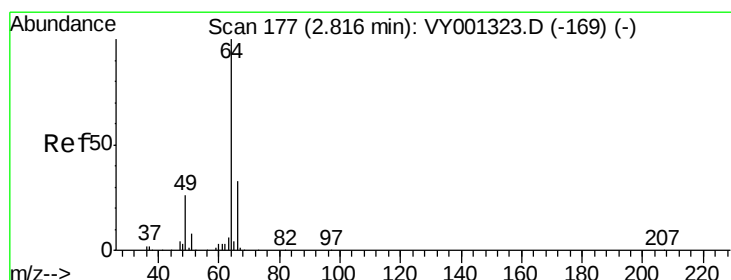
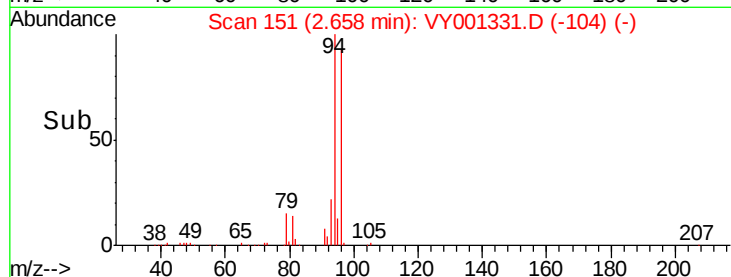
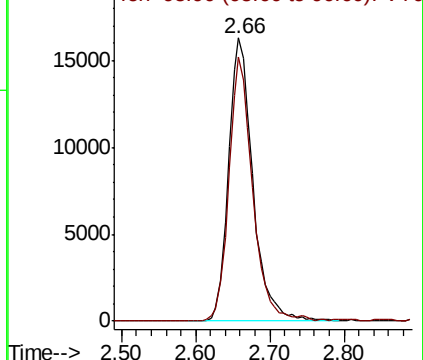
94 100

96 93.4 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.687 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001331.D

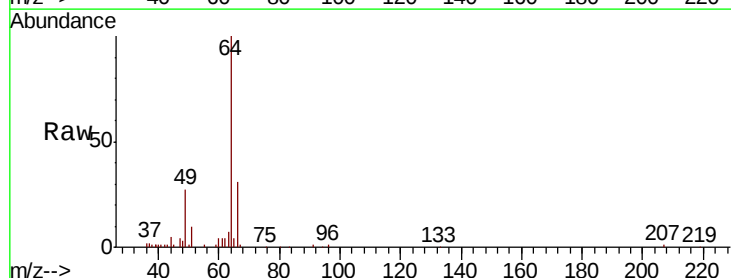
Acq: 22 Jan 2020 15:23

Tgt Ion: 64 Resp: 35489

Ion Ratio Lower Upper

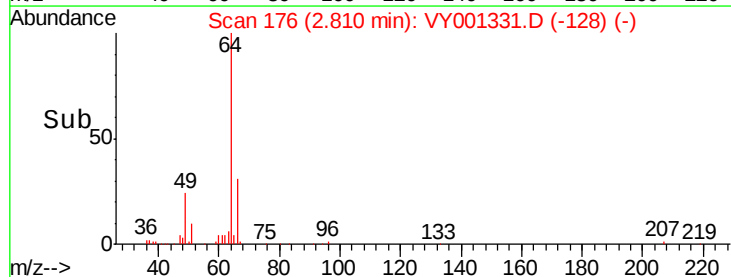
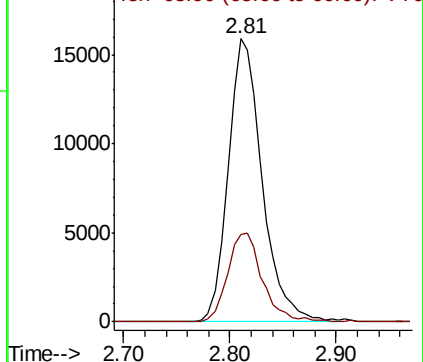
64 100

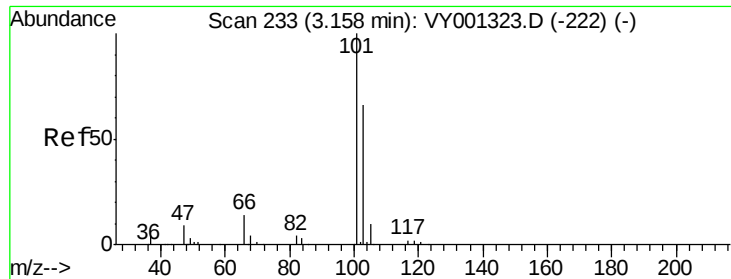
66 31.0 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



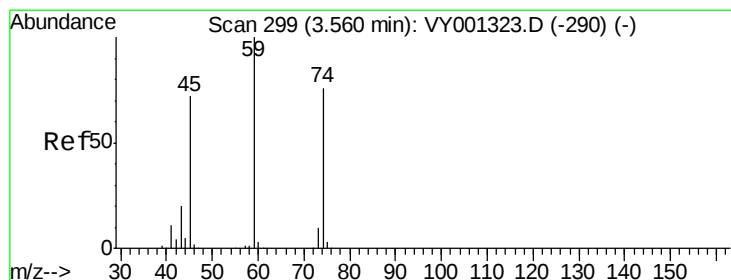
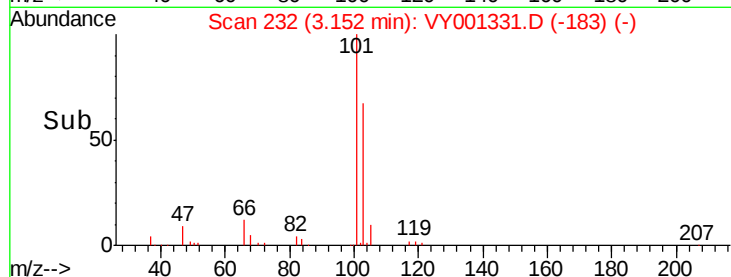
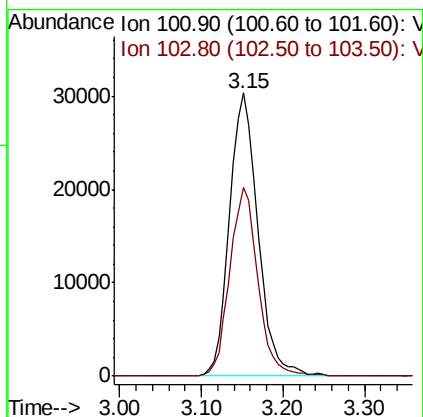
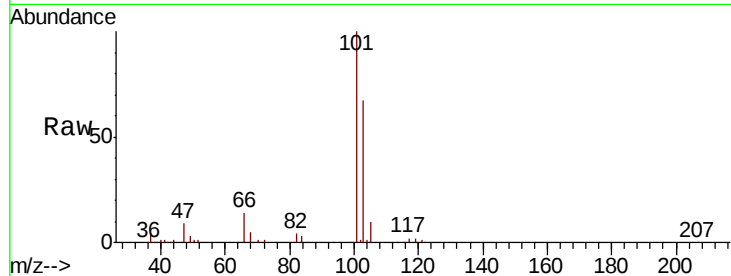


#7

Trichlorofluoromethane
Concen: 21.314 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.00 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :

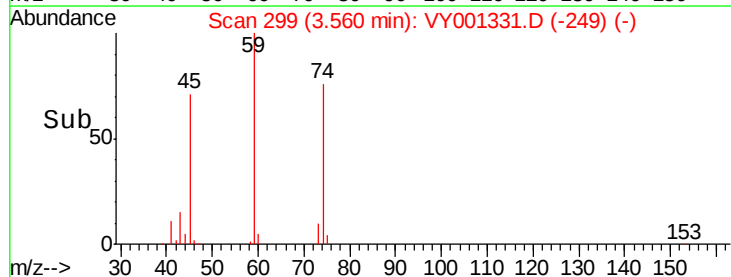
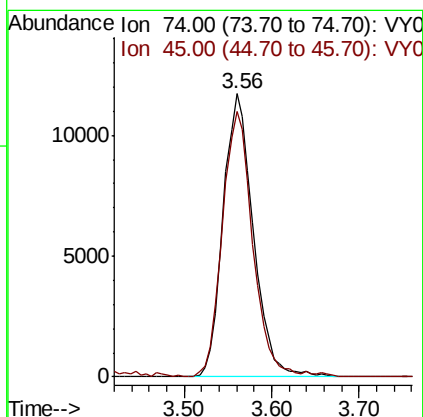
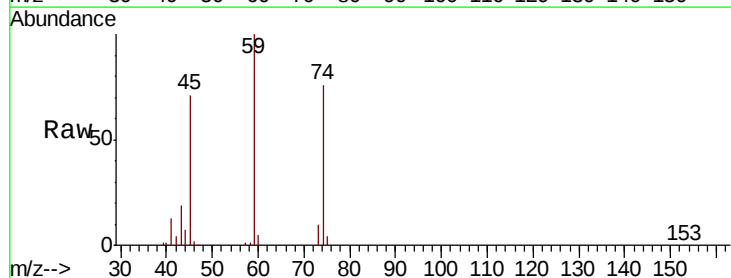
Tot Ion:101 Resp: 73213
Ion Ratio Lower Upper
101 100
103 66.6 52.5 78.7



#8

Diethyl Ether
Concen: 19.437 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Tgt Ion: 74 Resp: 28184
Ion Ratio Lower Upper
74 100
45 95.0 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.239 ug/l

RT: 3.94 min Scan# 361

Delta R.T. 0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

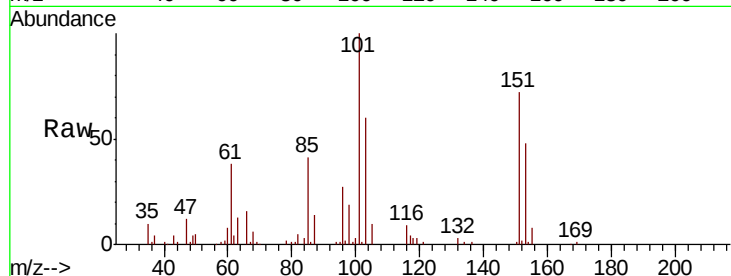
Tot Ion:101 Resp: 46461

Ion Ratio Lower Upper

101 100

85 43.7 34.9 52.3

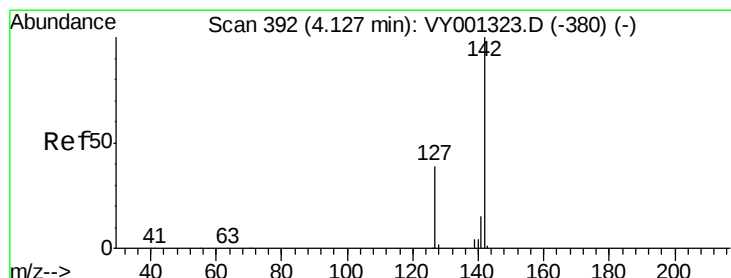
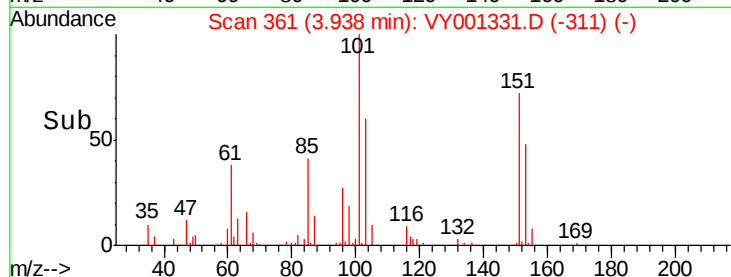
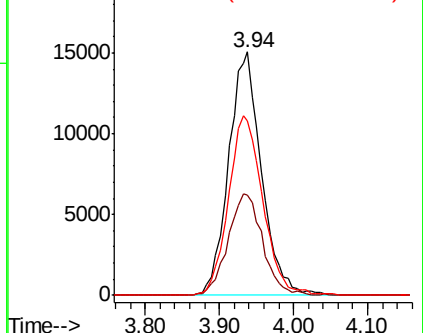
151 77.5 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.609 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

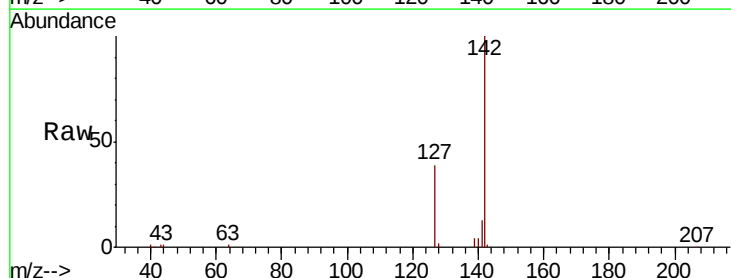
Tgt Ion:142 Resp: 56574

Ion Ratio Lower Upper

142 100

127 39.9 31.6 47.4

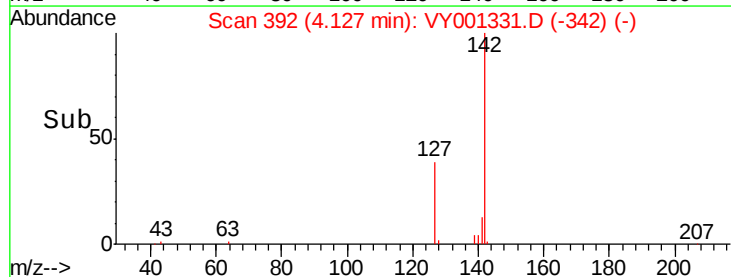
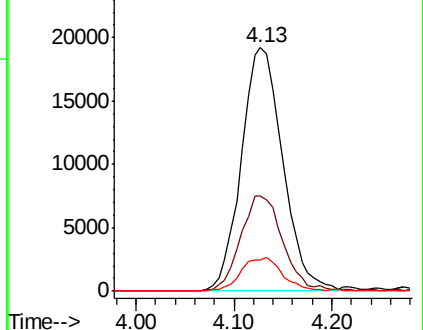
141 13.9 11.2 16.8

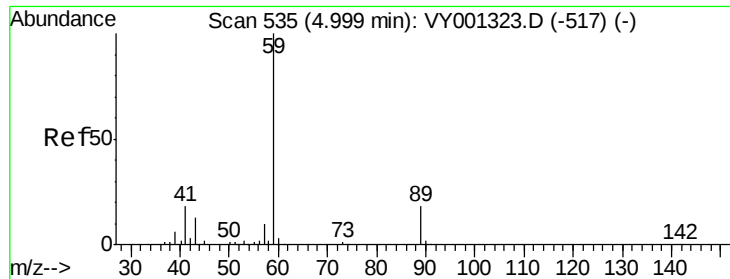


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

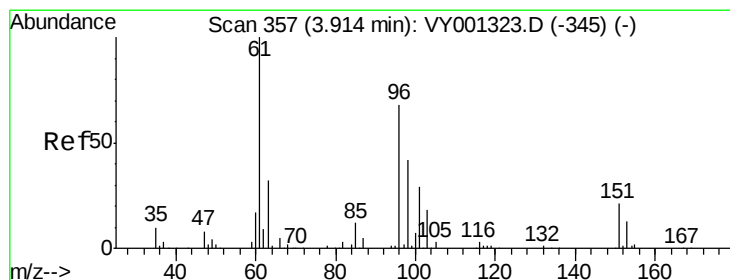
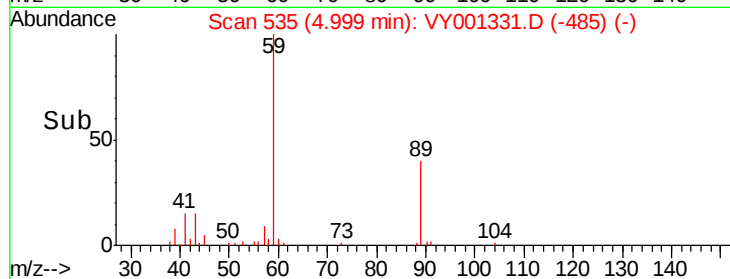
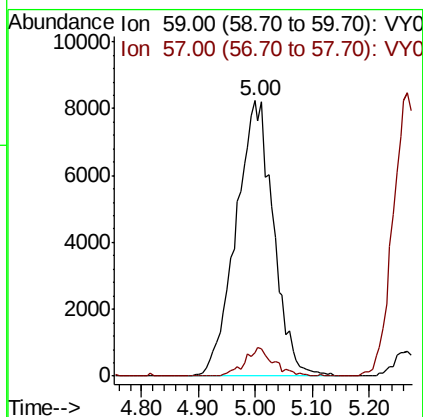
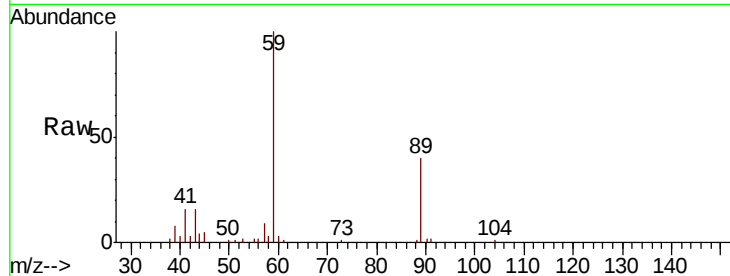




#11
Tert butyl alcohol
Concen: 117.404 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

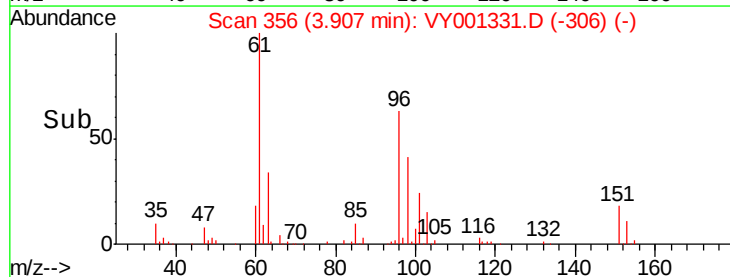
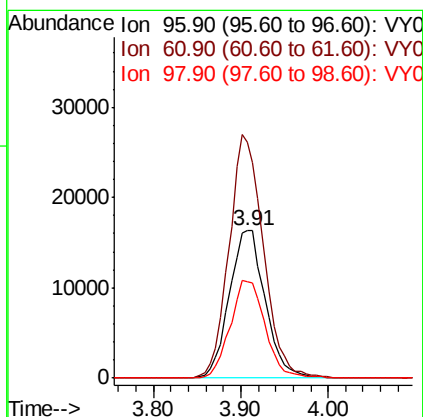
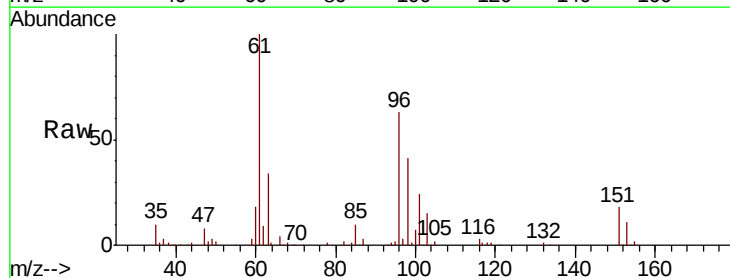
Instrument :
MSVOA_Y
ClientSampleId :

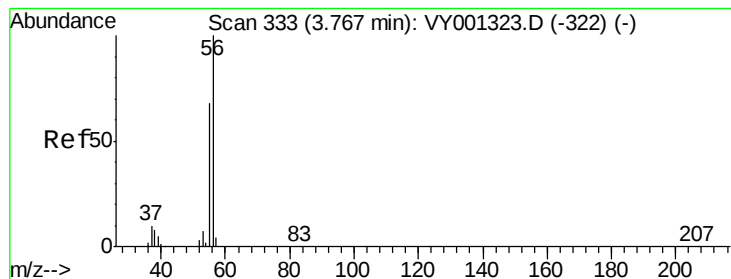
Tot Ion: 59 Resp: 37734
Ion Ratio Lower Upper
59 100
57 8.0 7.4 11.2



#12
1,1-Dichloroethene
Concen: 20.365 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Tgt Ion: 96 Resp: 46708
Ion Ratio Lower Upper
96 100
61 159.8 118.0 177.0
98 65.3 49.4 74.2





#13

Acrolein

Concen: 114.302 ug/l

RT: 3.77 min Scan# 333

Delta R.T. 0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

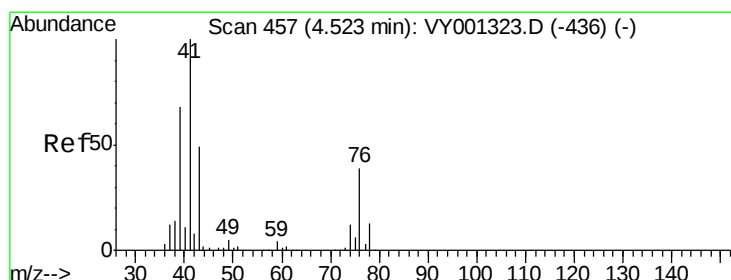
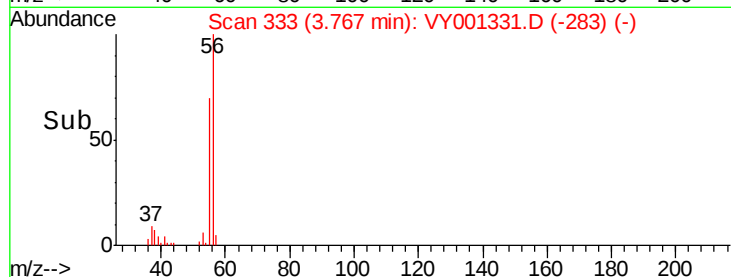
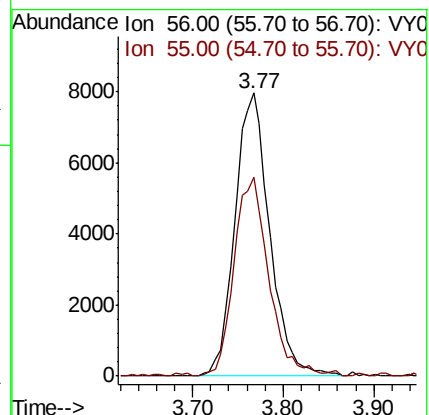
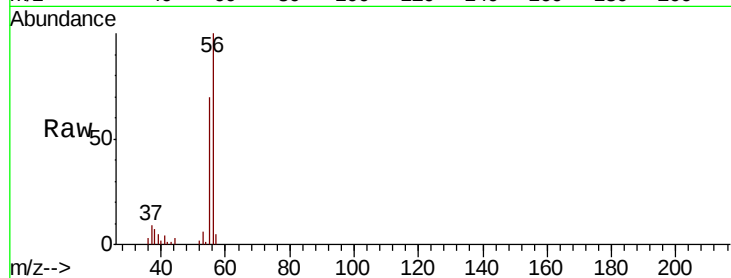
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 21150

Ion Ratio Lower Upper

56 100

55 70.3 55.9 83.9



#14

Allyl chloride

Concen: 20.201 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

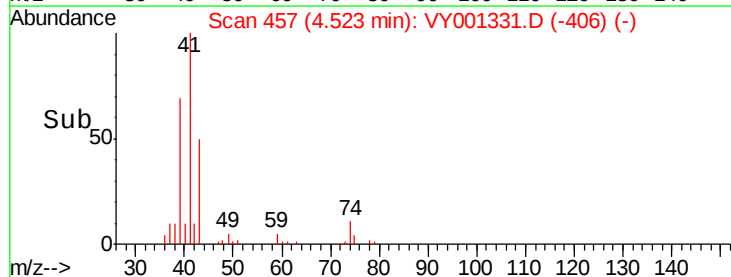
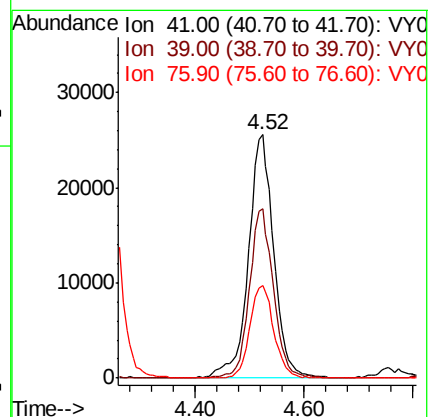
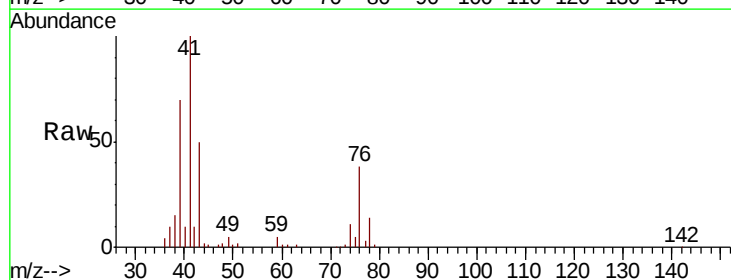
Tgt Ion: 41 Resp: 82628

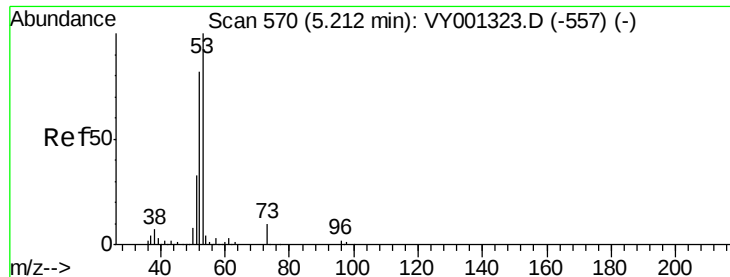
Ion Ratio Lower Upper

41 100

39 66.1 52.2 78.4

76 36.0 29.1 43.7





#15

Acrylonitrile

Concen: 98.481 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :

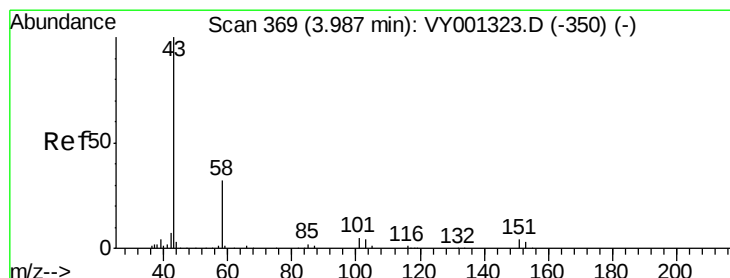
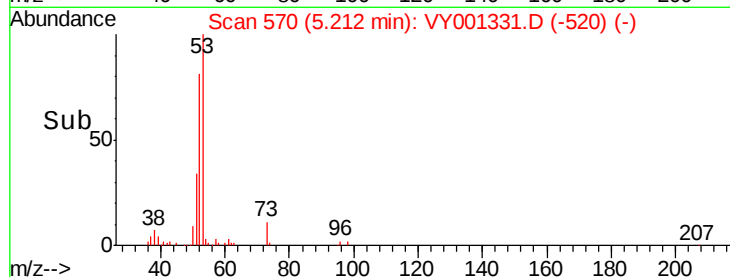
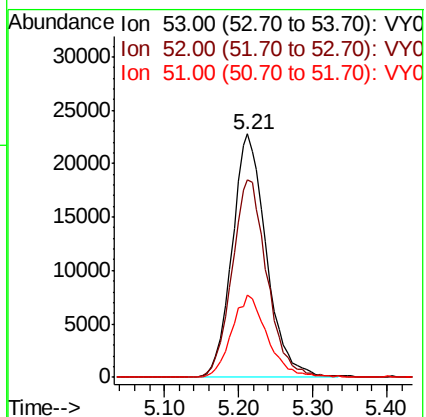
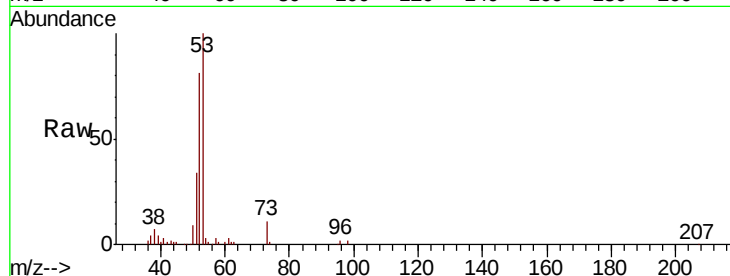
Tot Ion: 53 Resp: 73096

Ion Ratio Lower Upper

53 100

52 83.2 65.3 97.9

51 35.5 28.4 42.6



#16

Acetone

Concen: 102.921 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001331.D

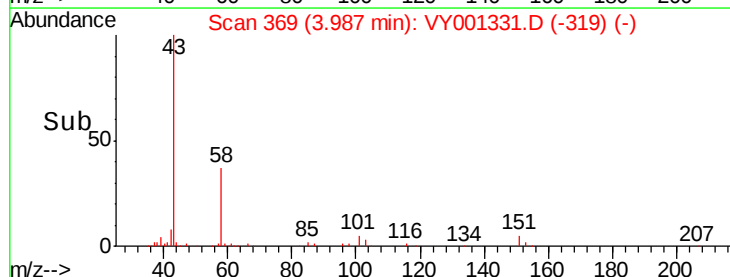
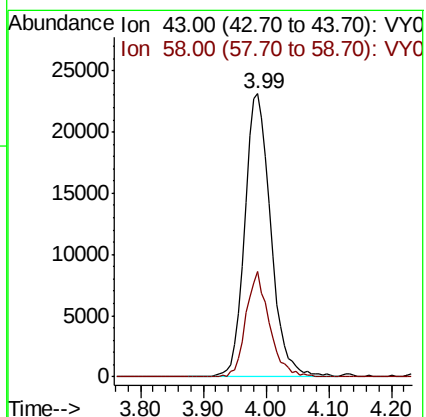
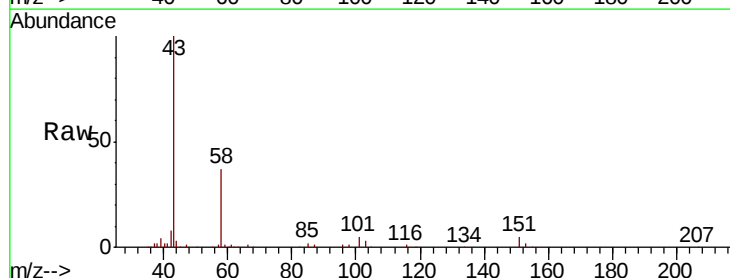
Acq: 22 Jan 2020 15:23

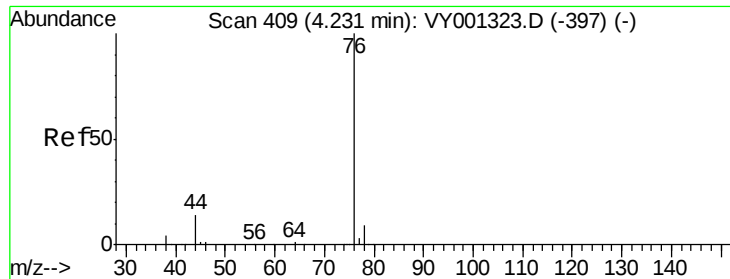
Tgt Ion: 43 Resp: 66492

Ion Ratio Lower Upper

43 100

58 37.1 25.4 38.0

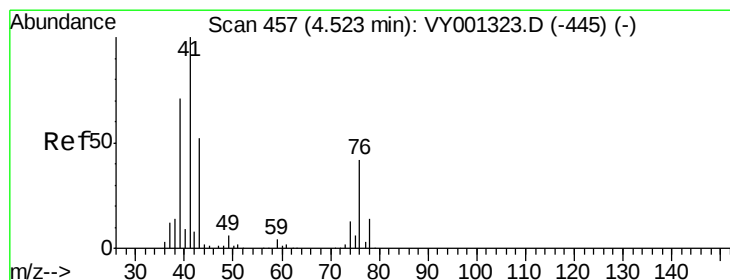
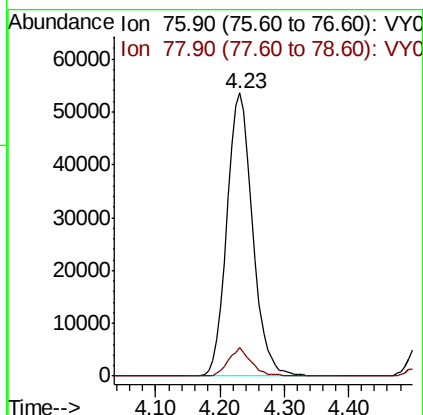
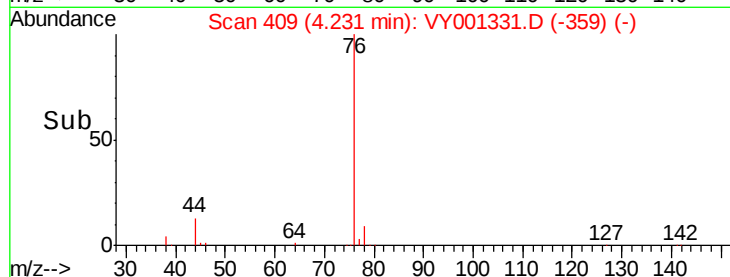
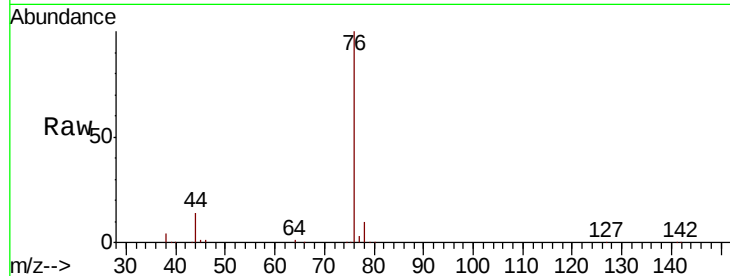




#17
Carbon Disulfide
Concen: 20.862 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

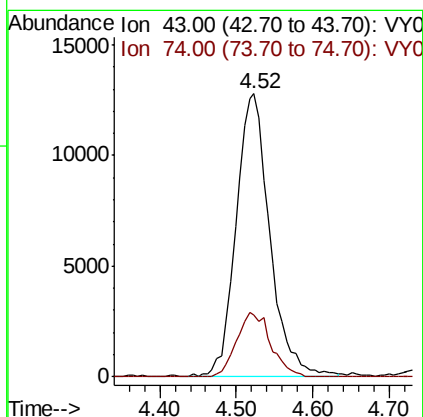
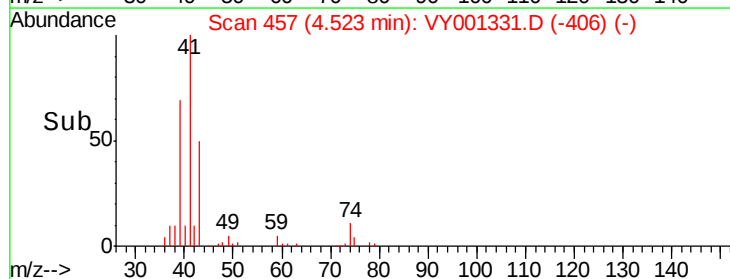
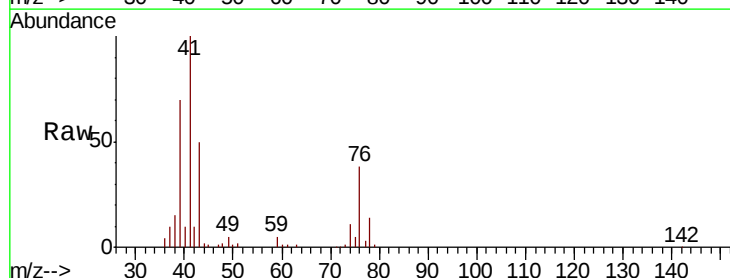
Instrument :
MSVOA_Y
ClientSampled :

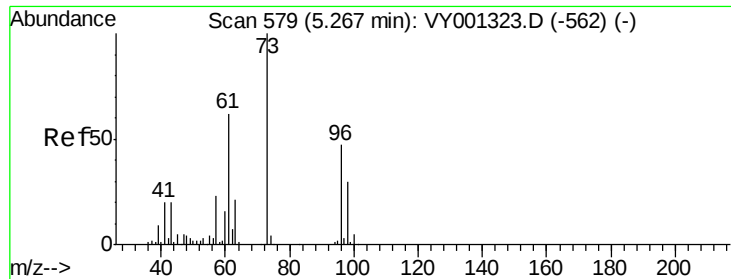
Tot Ion: 76 Resp: 150486
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.6



#18
Methyl Acetate
Concen: 19.734 ug/l
RT: 4.52 min Scan# 457
Delta R.T. 0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Tgt Ion: 43 Resp: 39118
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.2



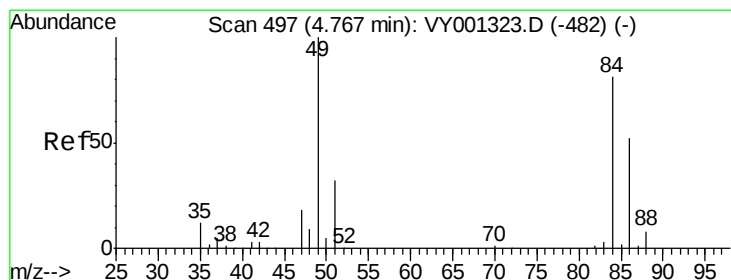
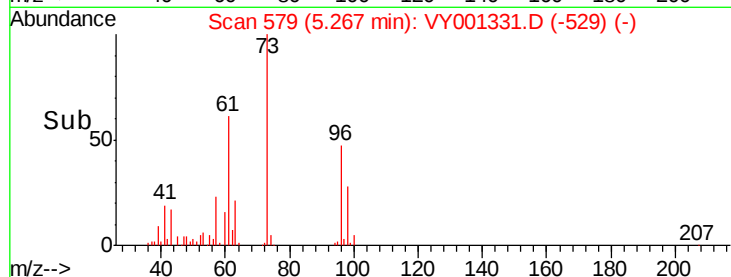
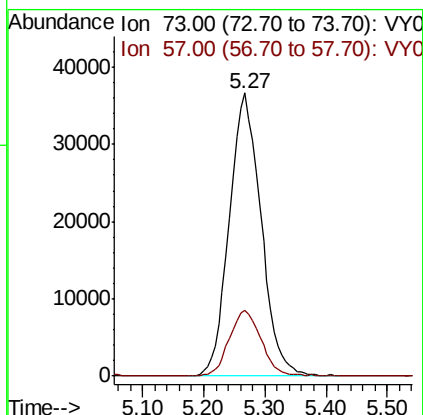
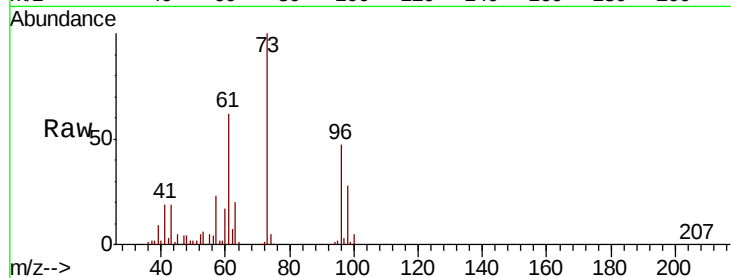


#19

Methyl tert-butyl Ether
 Concen: 19.581 ug/l
 RT: 5.27 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampled :

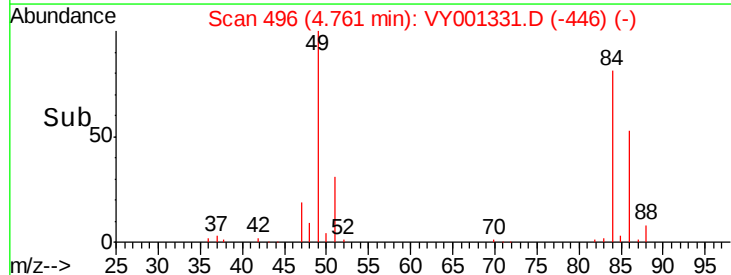
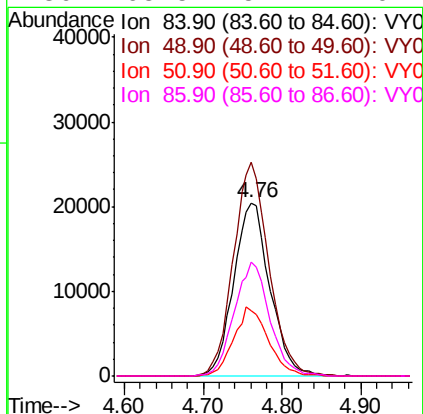
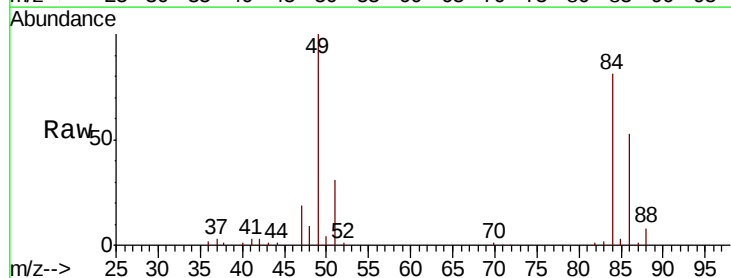
Tot Ion: 73 Resp: 131500
 Ion Ratio Lower Upper
 73 100
 57 23.1 18.2 27.2

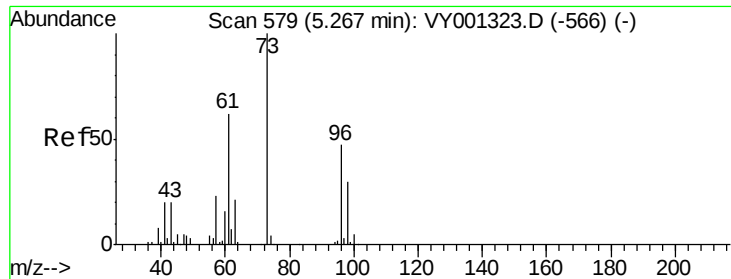


#20

Methylene Chloride
 Concen: 19.853 ug/l
 RT: 4.76 min Scan# 496
 Delta R.T. 0.01 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

Tgt Ion: 84 Resp: 65044
 Ion Ratio Lower Upper
 84 100
 49 123.3 98.3 147.5
 51 37.8 31.6 47.4
 86 65.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 20.376 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

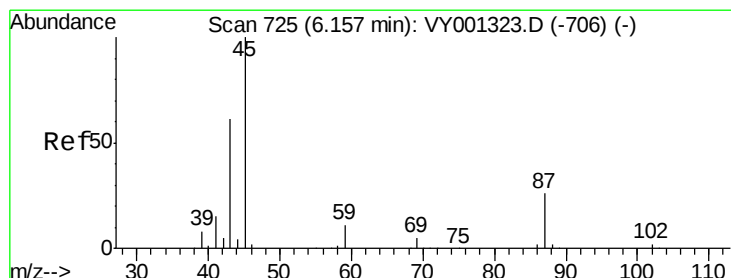
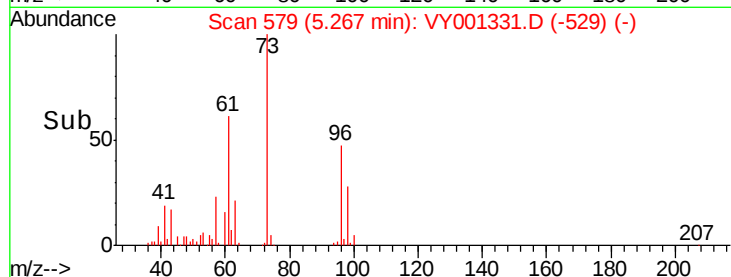
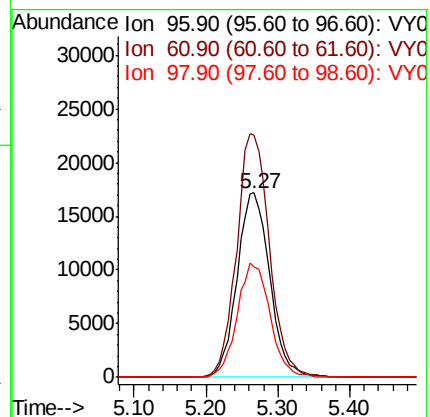
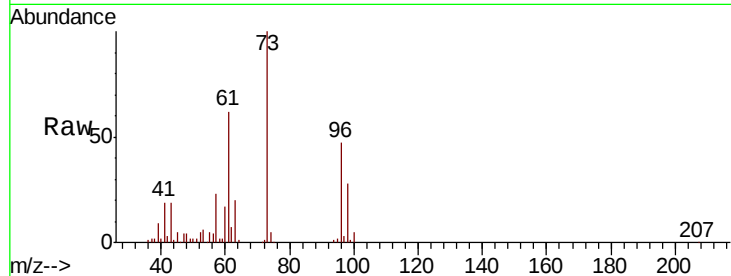
Tot Ion: 96 Resp: 54286

Ion Ratio Lower Upper

96 100

61 131.7 106.8 160.2

98 59.7 51.0 76.6



#22

Diisopropyl ether

Concen: 19.457 ug/l

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Tgt Ion: 45 Resp: 168997

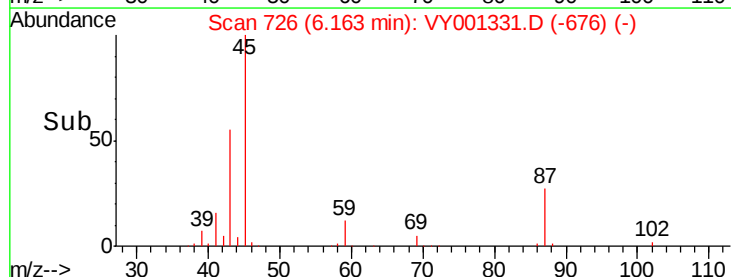
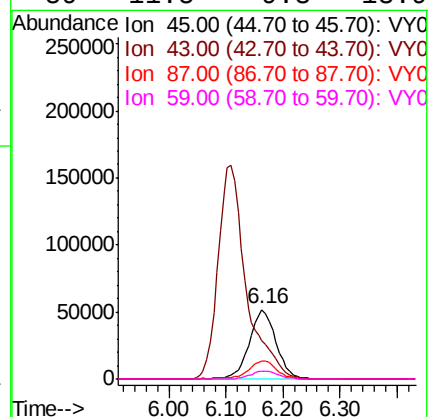
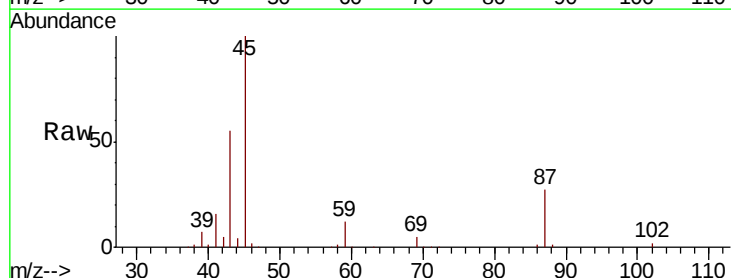
Ion Ratio Lower Upper

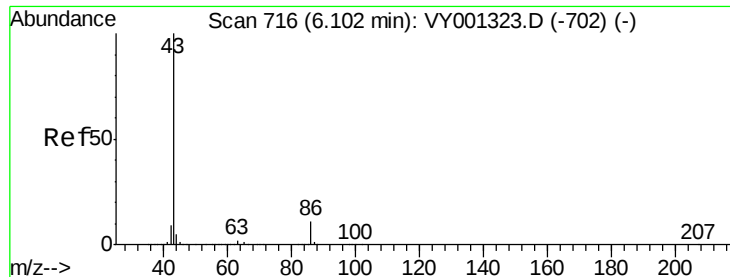
45 100

43 54.9 49.2 73.8

87 26.7 21.4 32.2

59 11.5 9.3 13.9





#23

Vinyl Acetate

Concen: 97.249 ug/l

RT: 6.11 min Scan# 717

Delta R.T. 0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

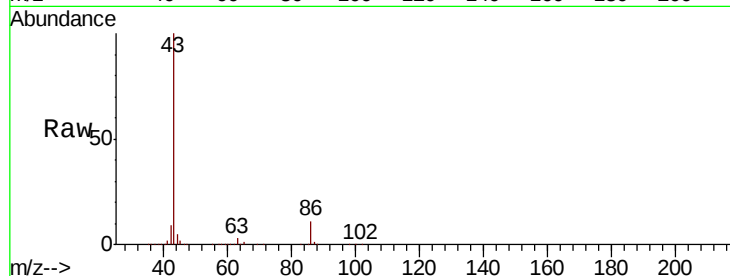
ClientSampleId :

Tot Ion: 43 Resp: 548354

Ion Ratio Lower Upper

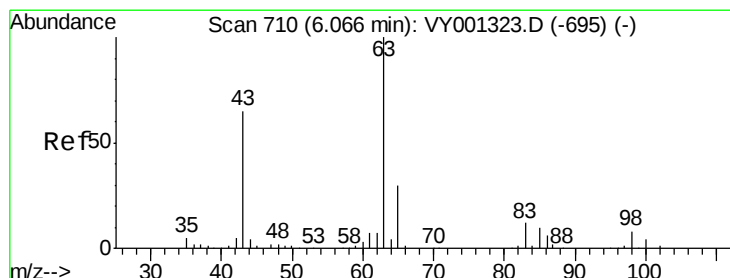
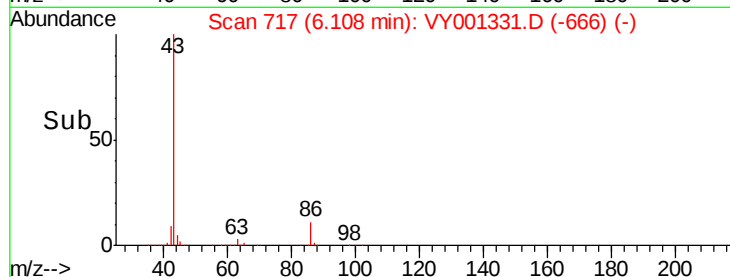
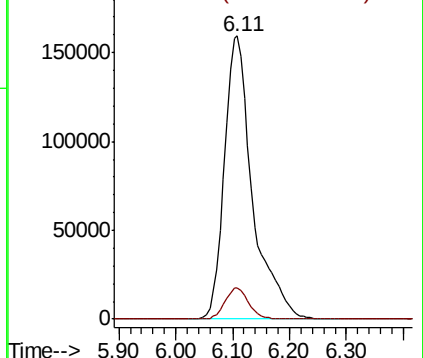
43 100

86 11.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.909 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

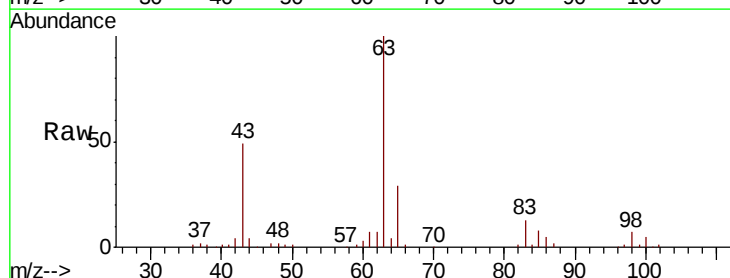
Tgt Ion: 63 Resp: 91147

Ion Ratio Lower Upper

63 100

98 7.1 4.0 12.0

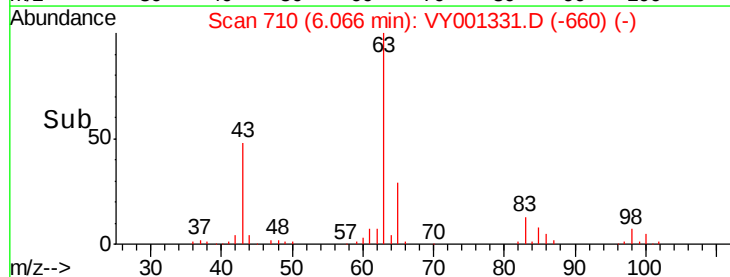
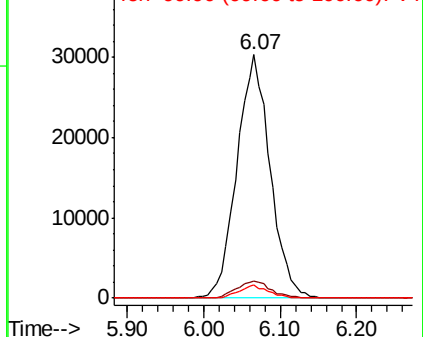
100 5.3 2.1 6.3

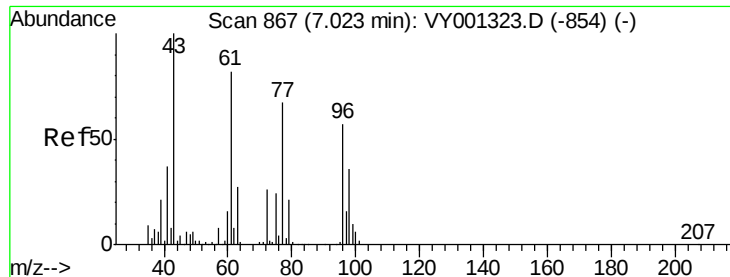


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 97.876 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

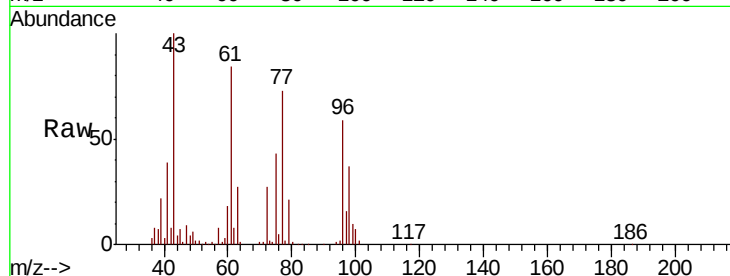
ClientSampleId :

Tot Ion: 43 Resp: 100139

Ion Ratio Lower Upper

43 100

72 27.5 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.03

40000

30000

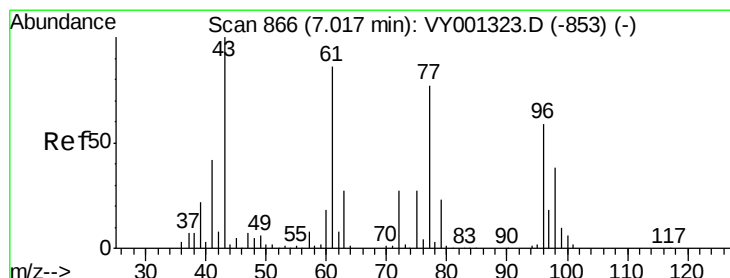
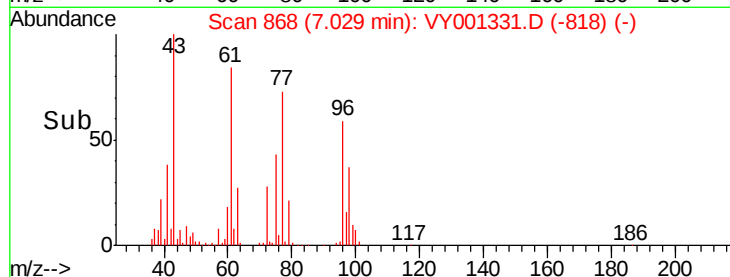
20000

10000

0

6.90 6.95 7.00 7.05 7.10

Time-->



#26

2,2-Dichloropropane

Concen: 20.239 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001331.D

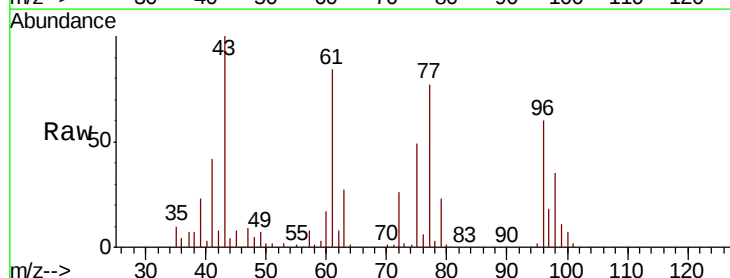
Acq: 22 Jan 2020 15:23

Tgt Ion: 77 Resp: 82533

Ion Ratio Lower Upper

77 100

97 22.9 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

7.02

30000

25000

20000

15000

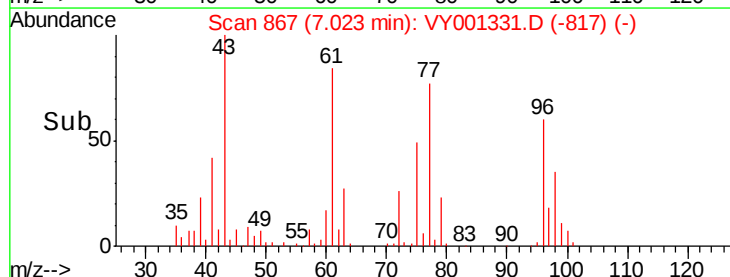
10000

5000

0

6.90 7.00 7.10 7.20

Time-->



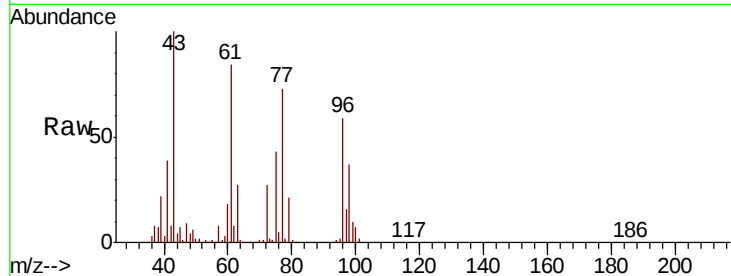


#27

cis-1,2-Dichloroethene
Concen: 20.249 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	96	Resp	60293
Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	284.8
98	63.9	0.0	128.4

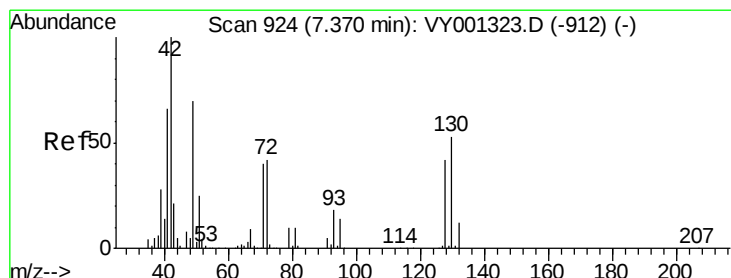
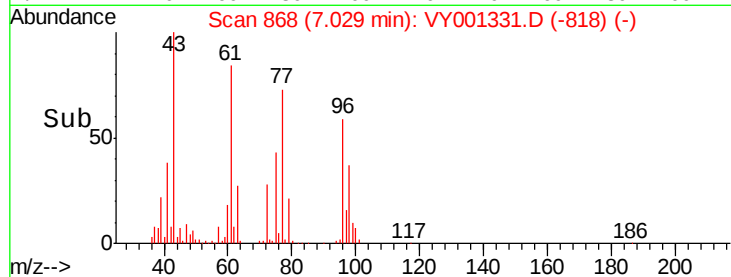
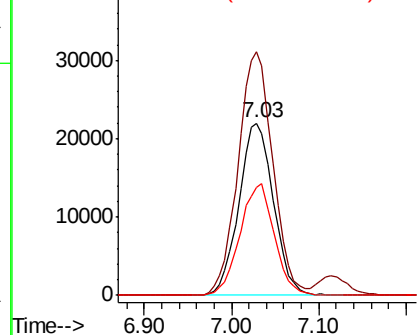


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

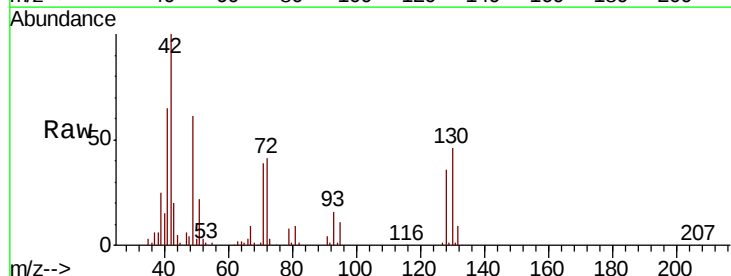
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
Concen: 17.340 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Tgt Ion	49	Resp	32738
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.0
130	72.8	58.9	88.3

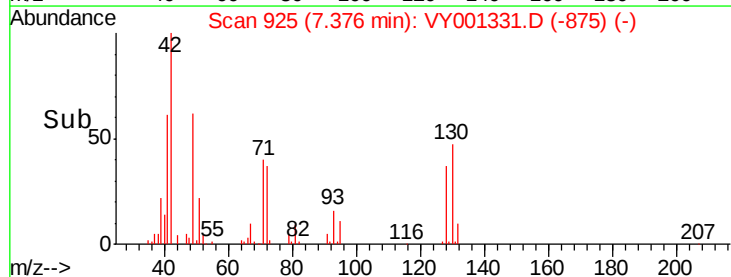
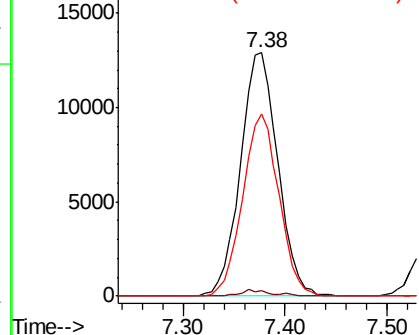


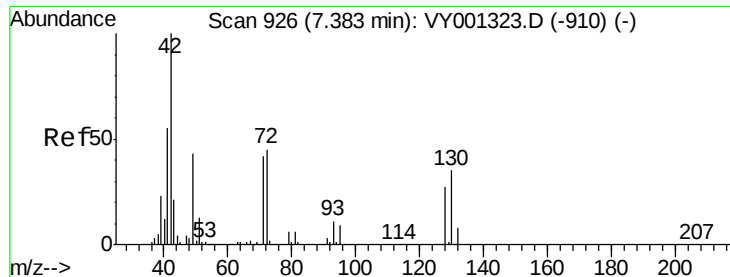
Abundance

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

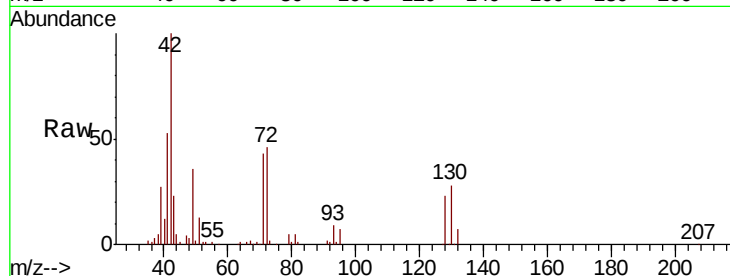




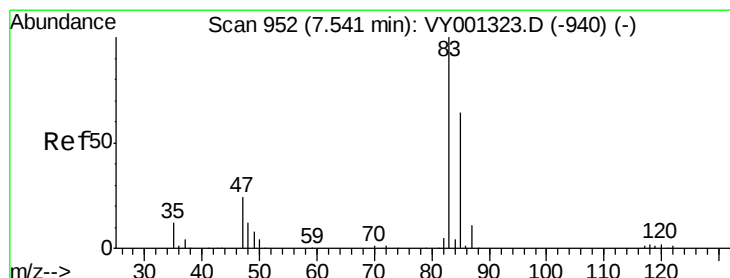
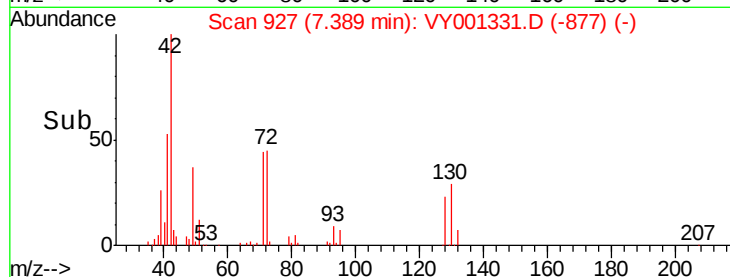
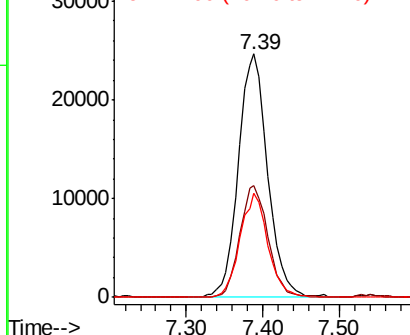
#29
Tetrahydrofuran
Concen: 98.417 ug/l
RT: 7.39 min Scan# 927
Delta R.T. 0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 65509
Ion Ratio Lower Upper
42 100
72 44.1 34.6 51.8
71 40.6 32.6 48.8

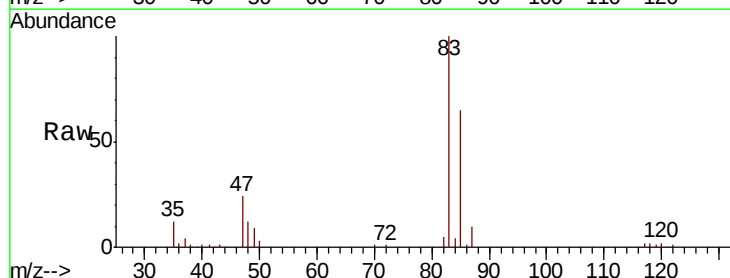


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

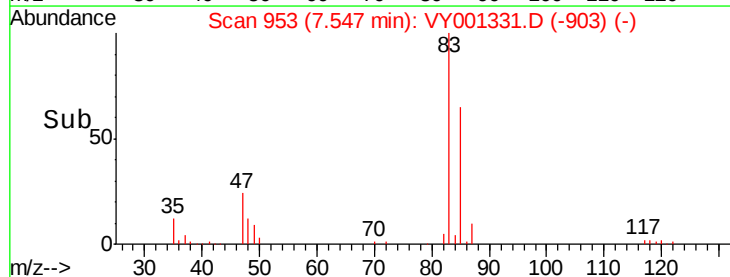
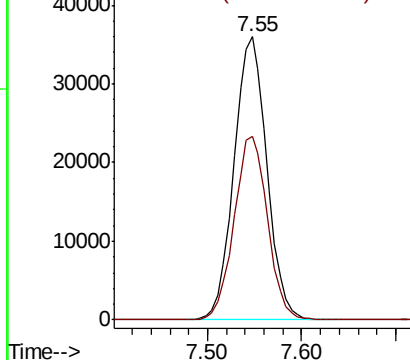


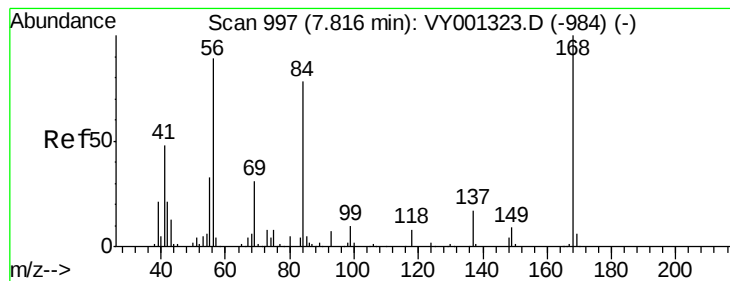
#30
Chloroform
Concen: 19.502 ug/l
RT: 7.55 min Scan# 953
Delta R.T. 0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Tgt Ion: 83 Resp: 87511
Ion Ratio Lower Upper
83 100
85 64.8 51.5 77.3



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





#31

Cyclohexane

Concen: 20.846 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :

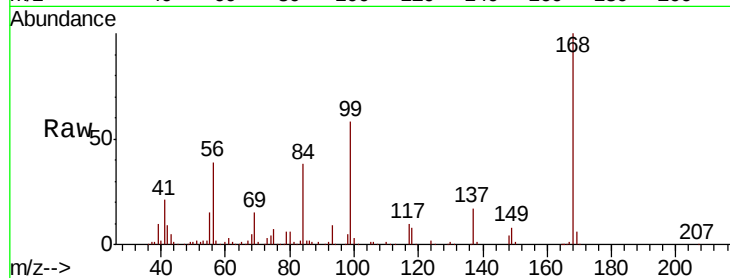
Tot Ion: 56 Resp: 94752

Ion Ratio Lower Upper

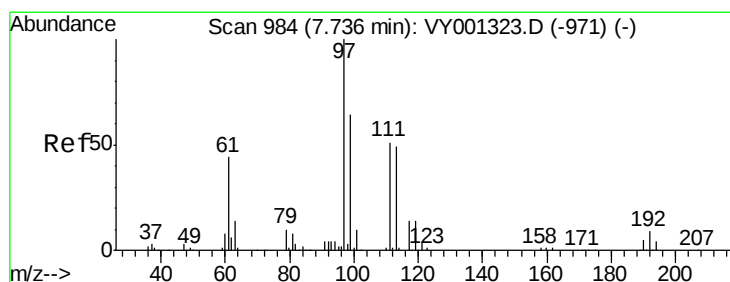
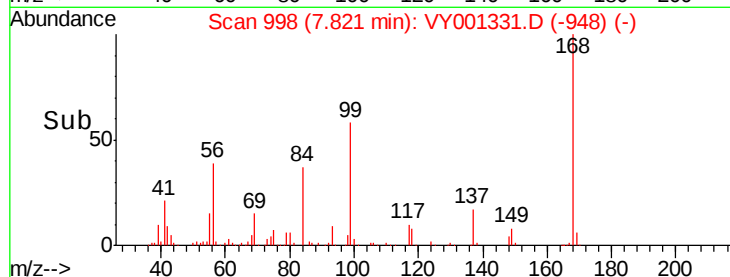
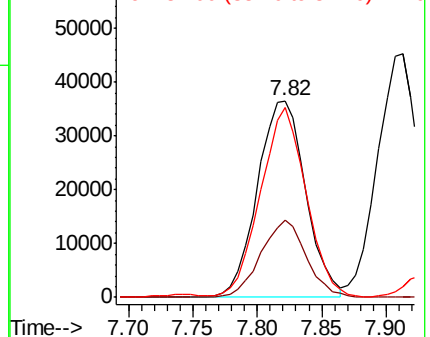
56 100

69 39.4 27.6 41.4

84 95.1 69.7 104.5



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



#32

1,1,1-Trichloroethane

Concen: 20.217 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

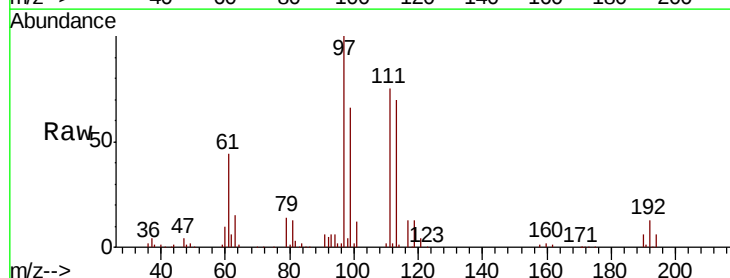
Tgt Ion: 97 Resp: 76599

Ion Ratio Lower Upper

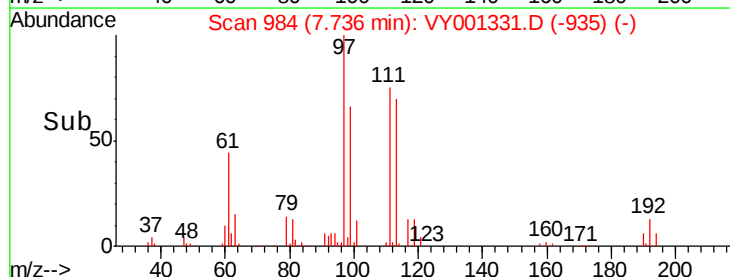
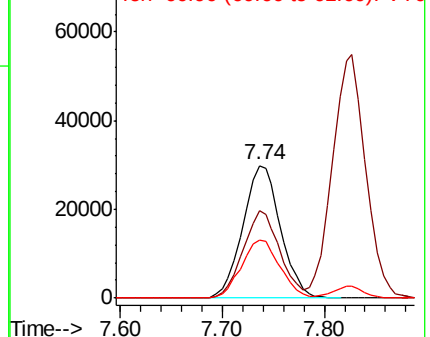
97 100

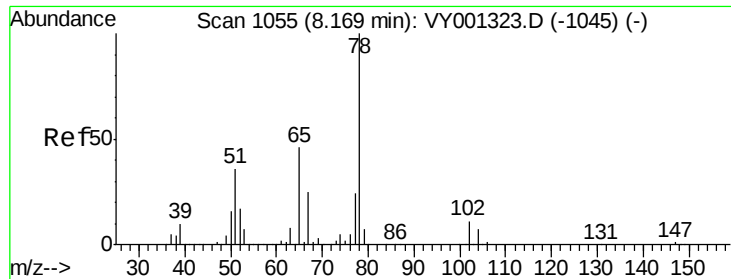
99 64.0 51.3 76.9

61 44.9 35.9 53.9



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

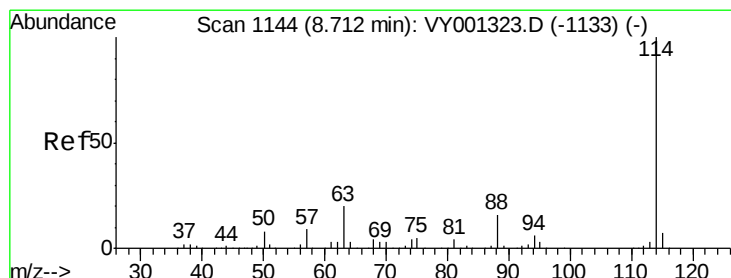
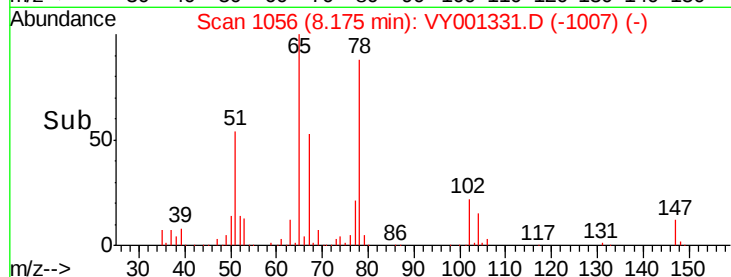
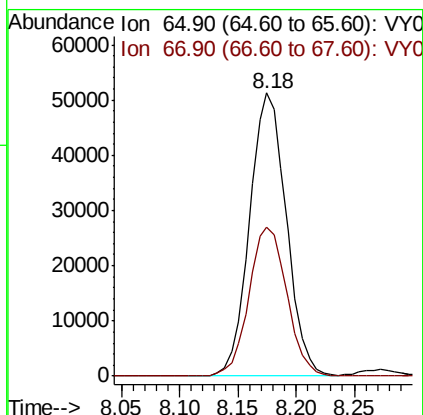
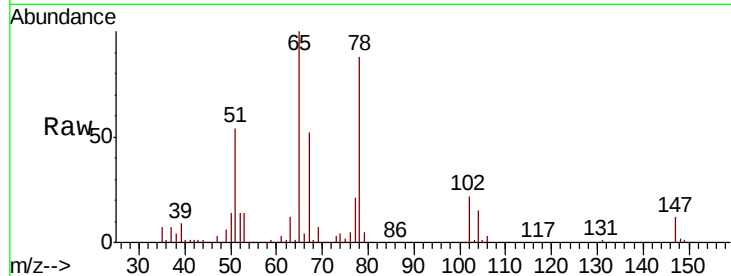




#33
 1,2-Dichloroethane-d4
 Concen: 48.076 ug/l
 RT: 8.18 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

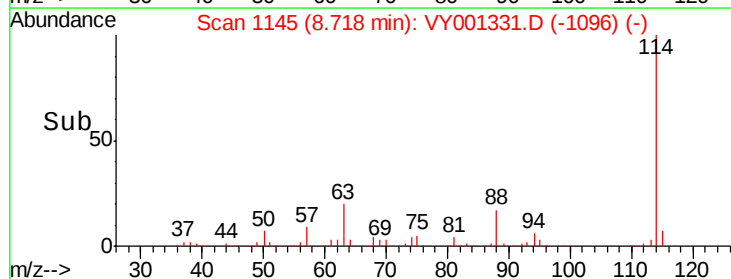
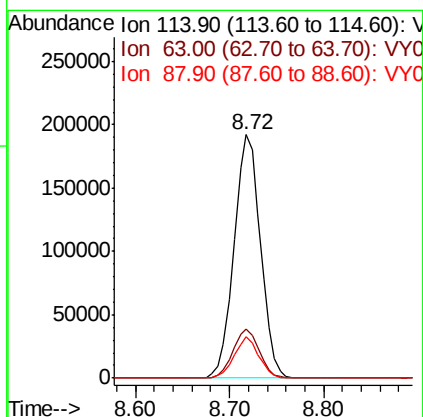
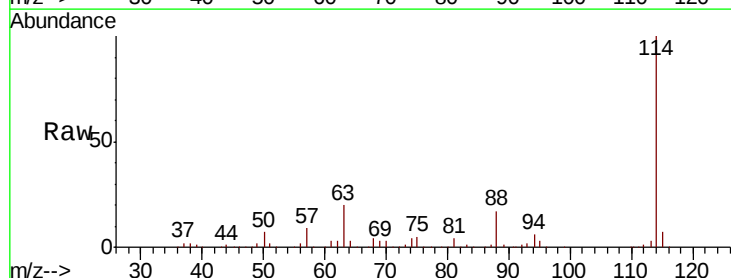
Instrument :
 MSVOA_Y
 ClientSampleId :

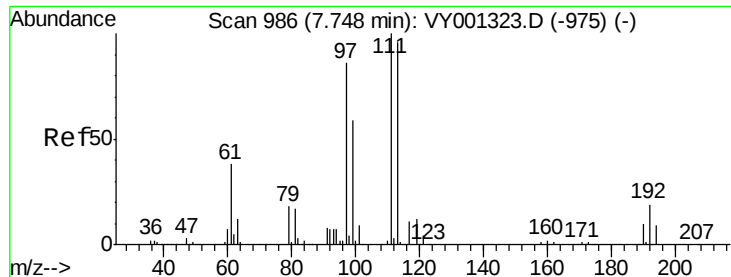
Tot Ion: 65 Resp: 113008
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

Tgt Ion: 114 Resp: 373942
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 16.8 0.0 31.0

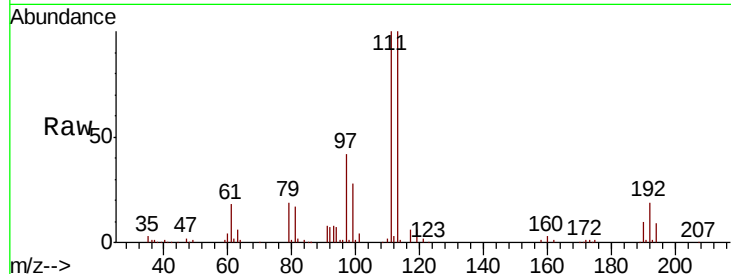




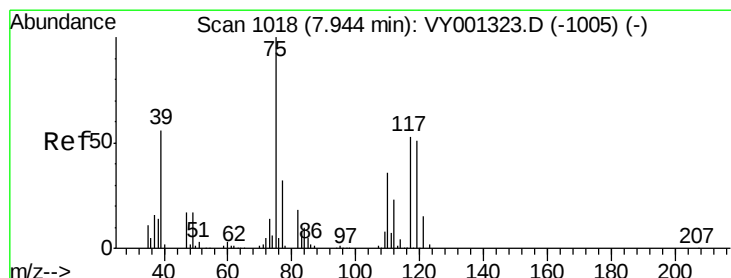
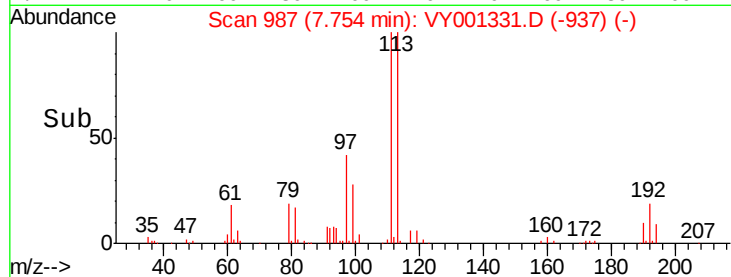
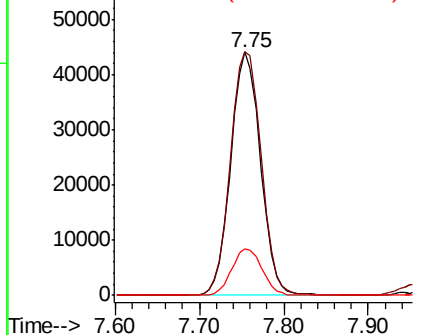
#35
 Dibromofluoromethane
 Concen: 47.861 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 105042
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.8 124.2
 192 19.6 15.5 23.3

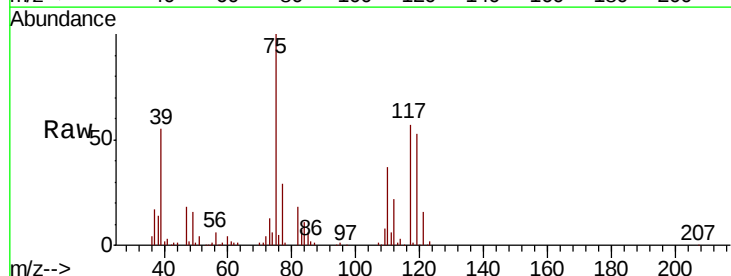


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

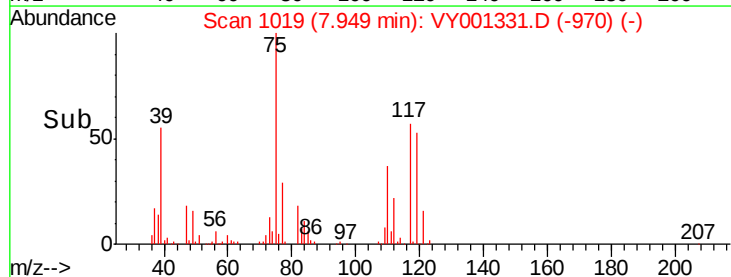
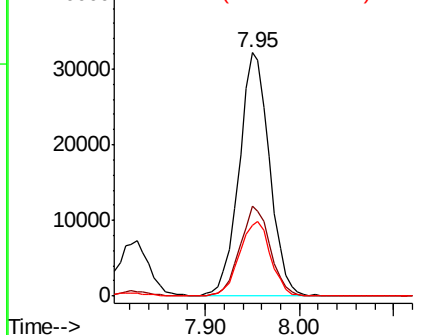


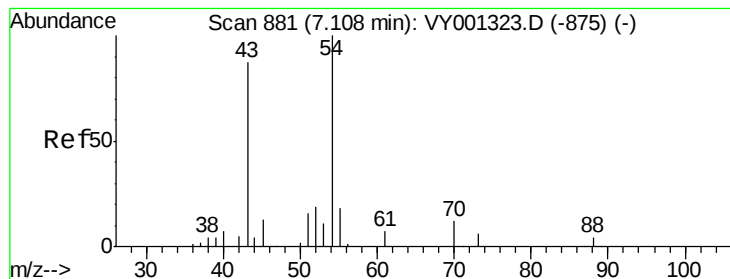
#36
 1,1-Dichloropropene
 Concen: 20.575 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

Tgt Ion: 75 Resp: 72686
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.6 52.8
 77 31.5 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 20.534 ug/l

RT: 7.11 min Scan# 881

Delta R.T. 0.00 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

ClientSampled :

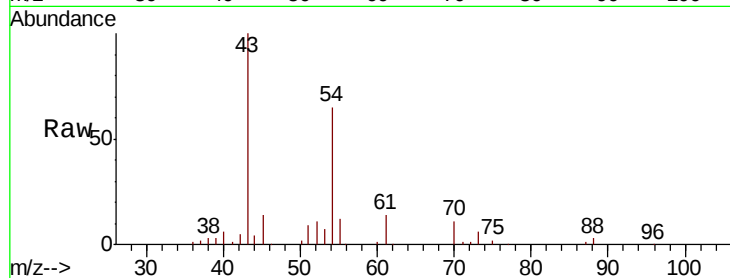
Tot Ion: 43 Resp: 44321

Ion Ratio Lower Upper

43 100

61 14.1 11.3 16.9

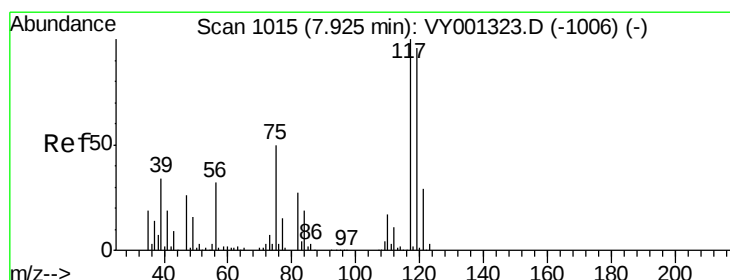
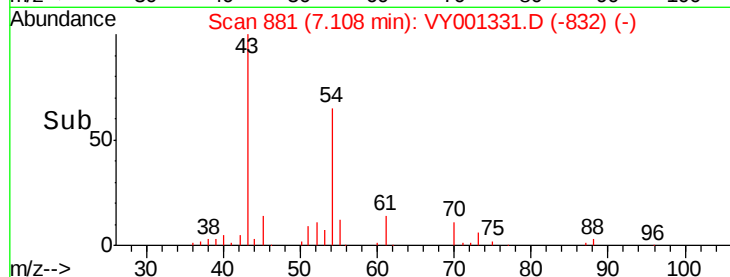
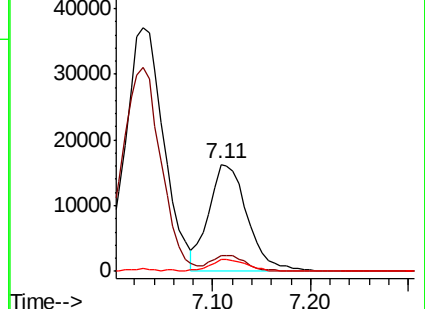
70 10.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VY001331.D (-832) (-)

Ion 60.90 (60.60 to 61.60): VY001331.D (-832) (-)

Ion 70.00 (69.70 to 70.70): VY001331.D (-832) (-)



#38

Carbon Tetrachloride

Concen: 21.275 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

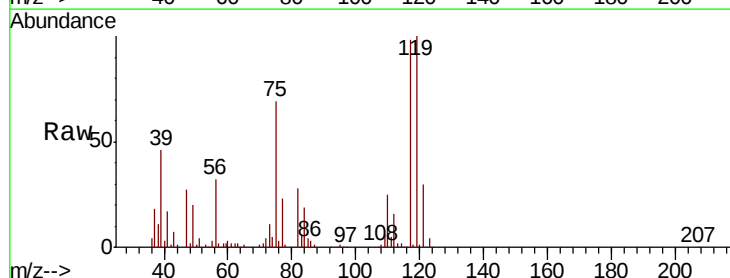
Tgt Ion: 117 Resp: 66984

Ion Ratio Lower Upper

117 100

119 101.9 76.3 114.5

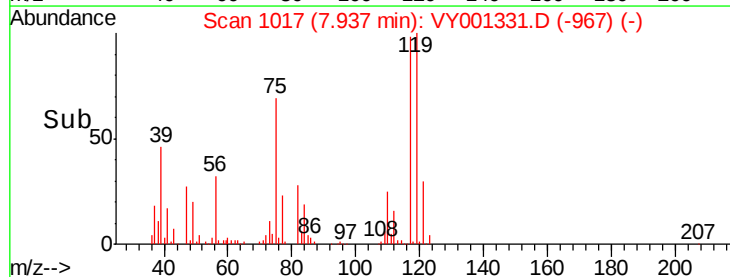
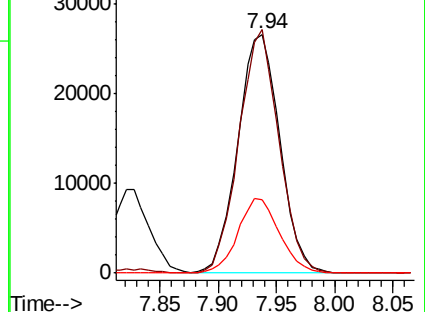
121 30.5 23.5 35.3



Abundance Ion 116.80 (116.50 to 117.50): VY001331.D (-967) (-)

Ion 118.80 (118.50 to 119.50): VY001331.D (-967) (-)

Ion 120.80 (120.50 to 121.50): VY001331.D (-967) (-)

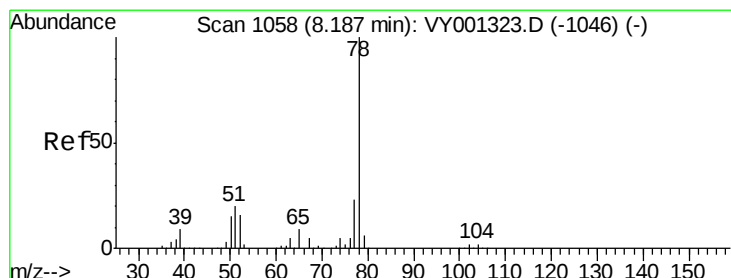
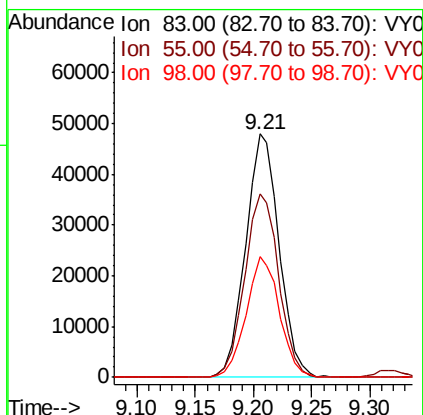
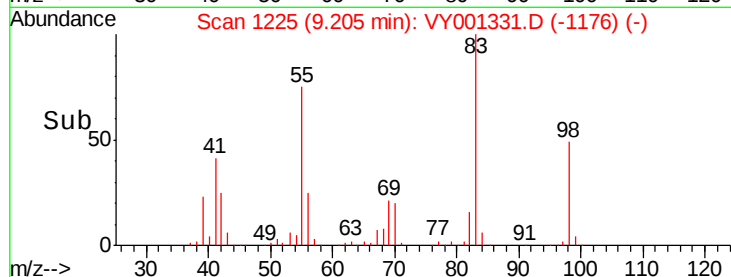
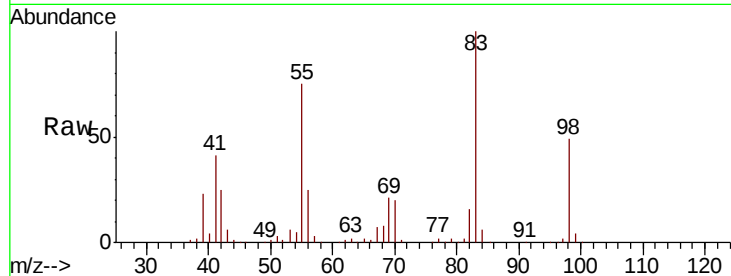




#39
Methylvlcvclohexane
Concen: 21.237 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

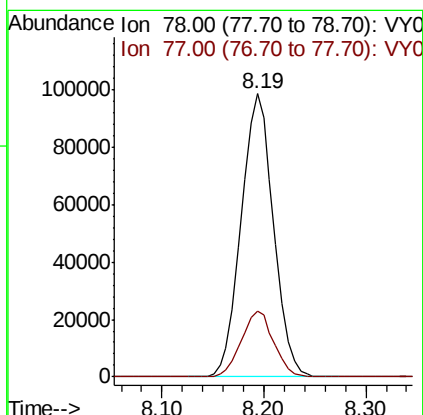
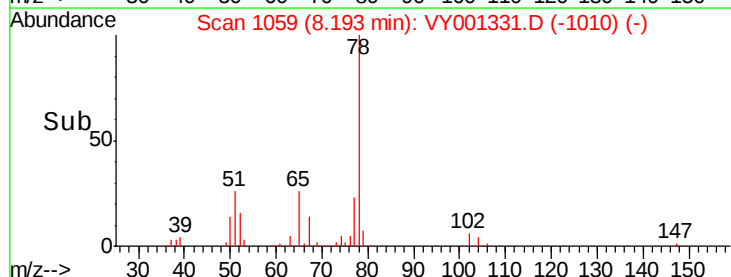
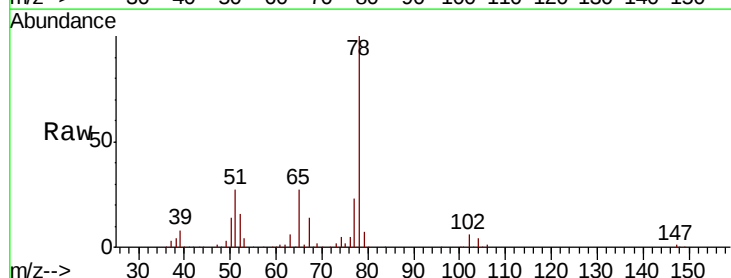
Instrument :
MSVOA_Y
ClientSampleId :

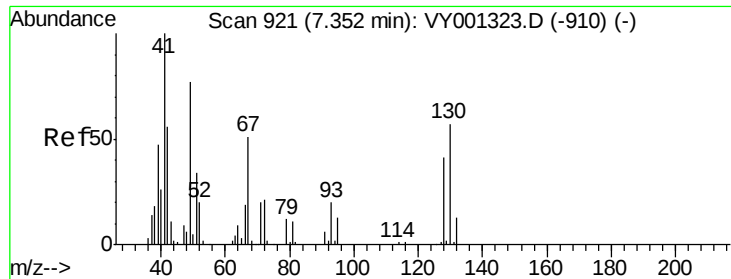
Tot Ion: 83 Resp: 96113
Ion Ratio Lower Upper
83 100
55 75.5 60.7 91.1
98 49.5 37.8 56.8



#40
Benzene
Concen: 20.473 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.00 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Tgt Ion: 78 Resp: 216867
Ion Ratio Lower Upper
78 100
77 23.0 18.6 27.8

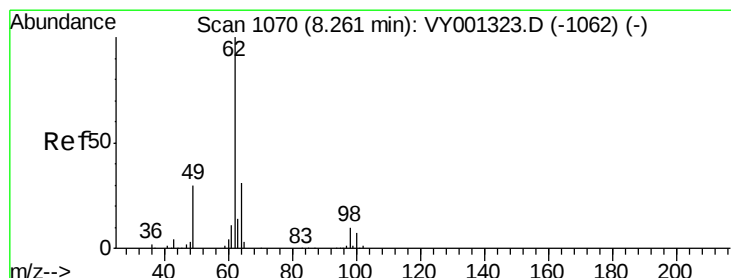
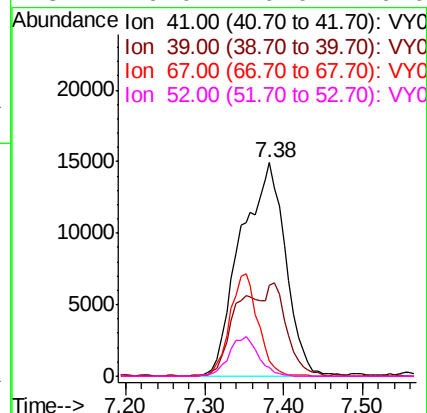
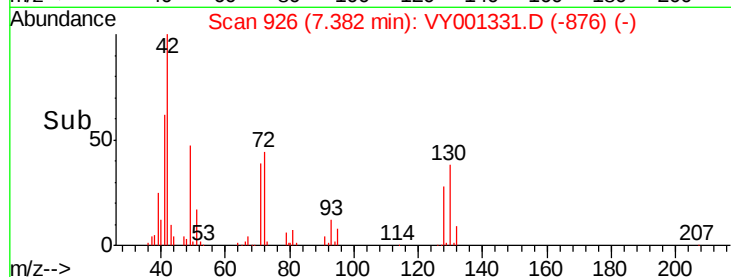
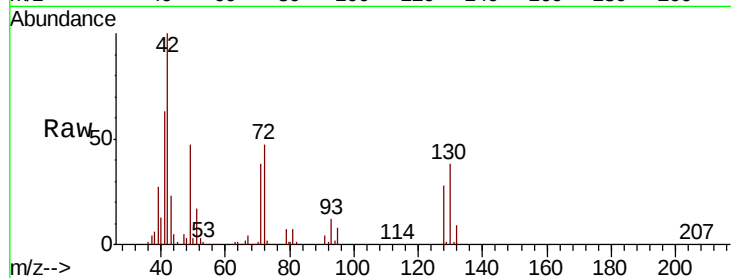




#41
Methacrylonitrile
Concen: 53.183 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

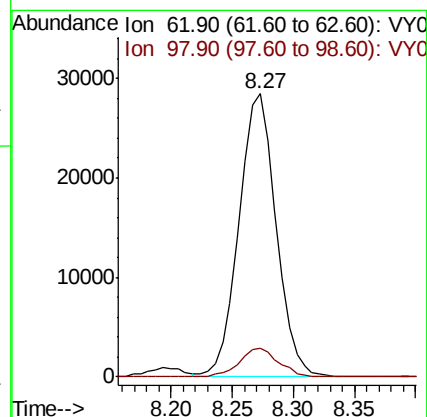
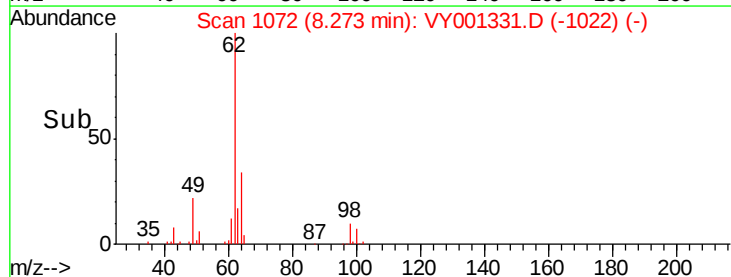
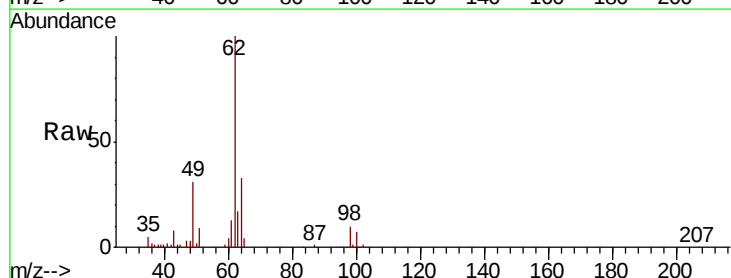
Instrument :
MSVOA_Y
ClientSampled :

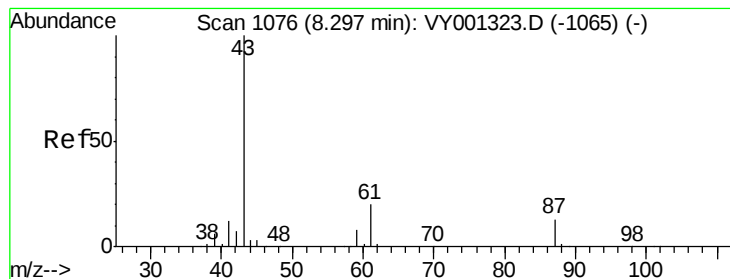
Tot Ion:	41	Resp:	59237
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.274 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. 0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Tgt Ion:	62	Resp:	60008
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8



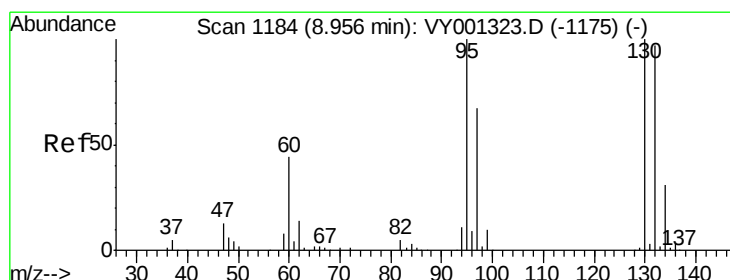
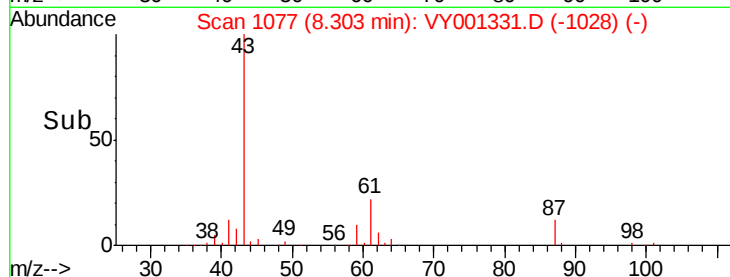
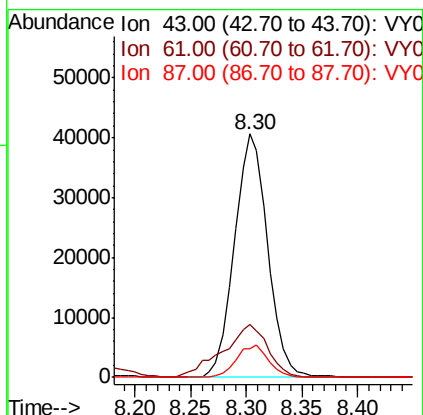
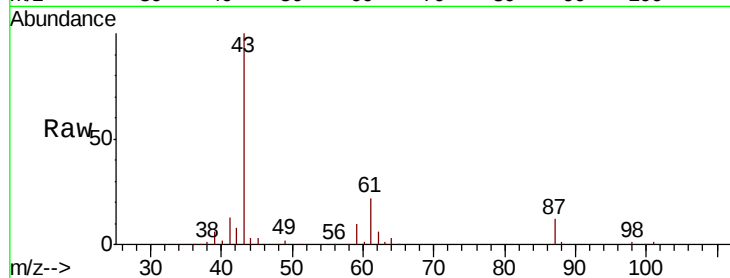


#43

Isopropyl Acetate
 Concen: 20.008 ug/l
 RT: 8.30 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampled :

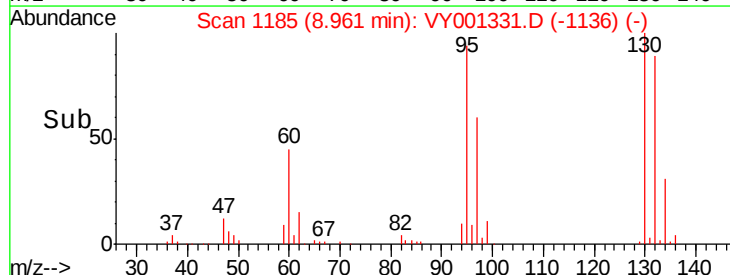
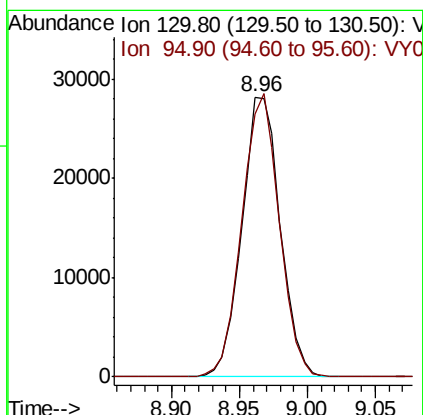
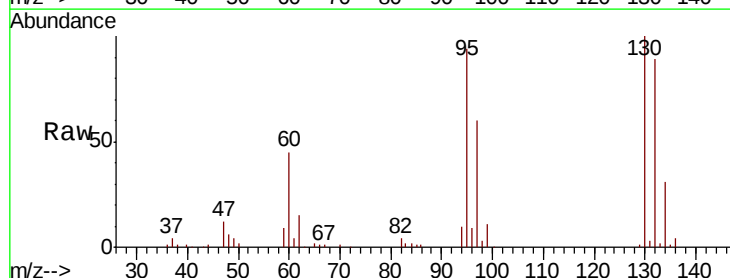
Tot Ion: 43 Resp: 83975
 Ion Ratio Lower Upper
 43 100
 61 29.3 22.7 34.1
 87 12.8 11.0 16.4

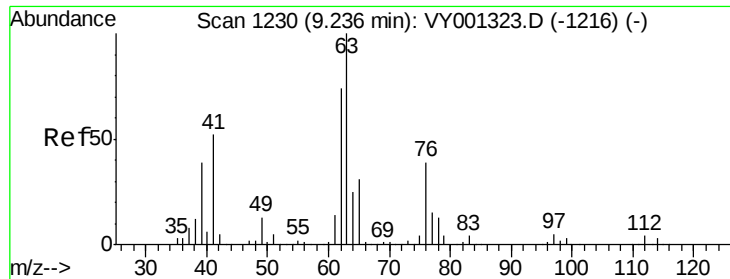


#44

Trichloroethene
 Concen: 20.480 ug/l
 RT: 8.96 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

Tgt Ion: 130 Resp: 55669
 Ion Ratio Lower Upper
 130 100
 95 93.9 0.0 200.0

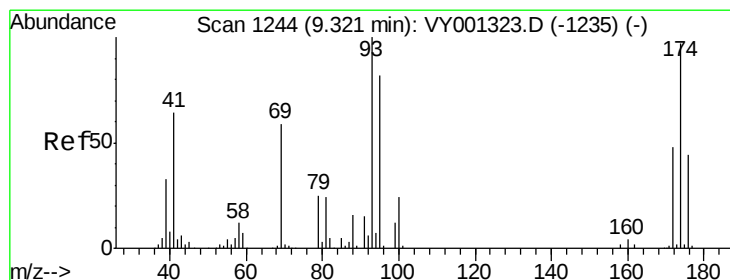
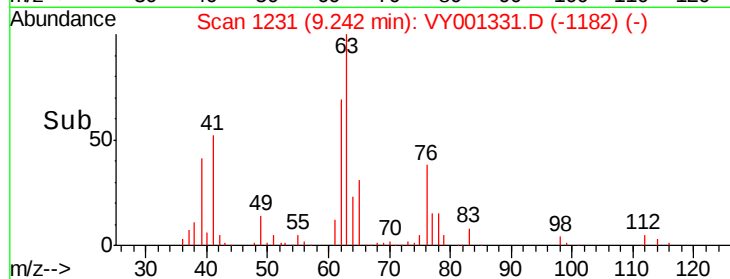
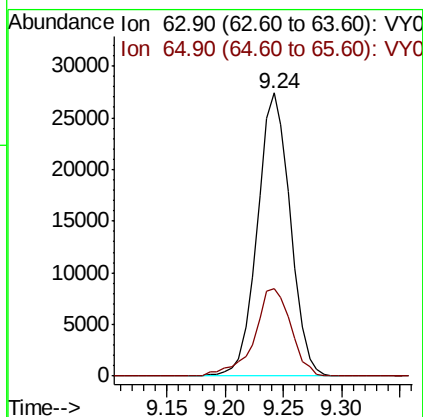
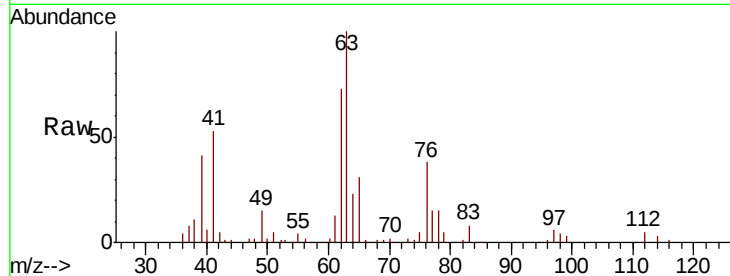




#45
 1,2-Dichloropropane
 Concen: 20.143 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

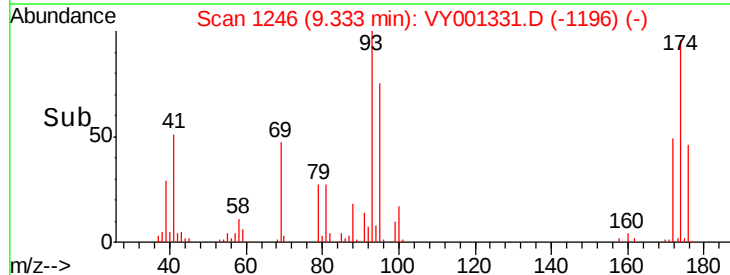
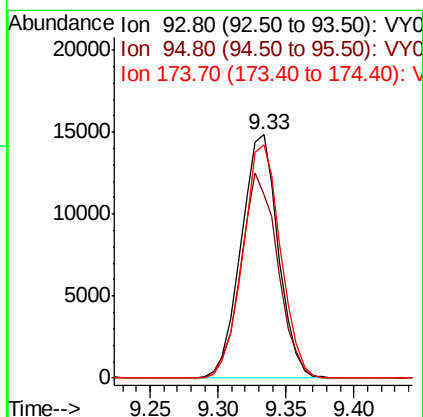
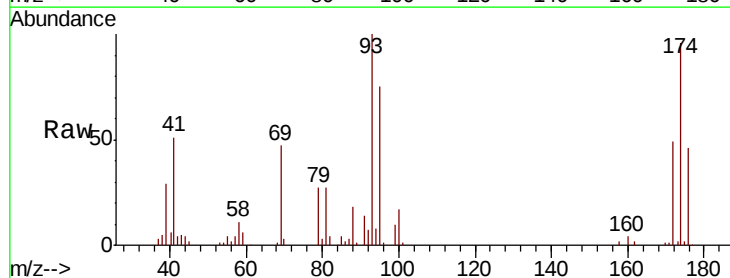
Instrument :
 MSVOA_Y
 ClientSampleId :

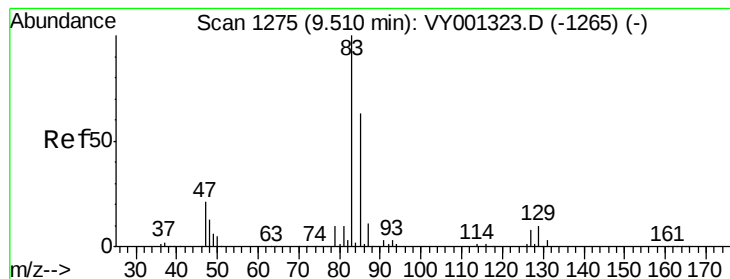
Tot Ion: 63 Resp: 53939
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.9 37.3



#46
 Dibromomethane
 Concen: 19.797 ug/l
 RT: 9.33 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

Tgt Ion: 93 Resp: 28460
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.5 99.7
 174 96.8 77.9 116.9





#47

Bromodichloromethane

Concen: 19.755 ug/l

RT: 9.52 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

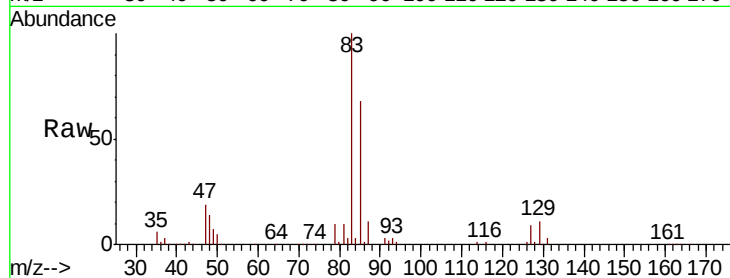
Tot Ion: 83 Resp: 67891

Ion Ratio Lower Upper

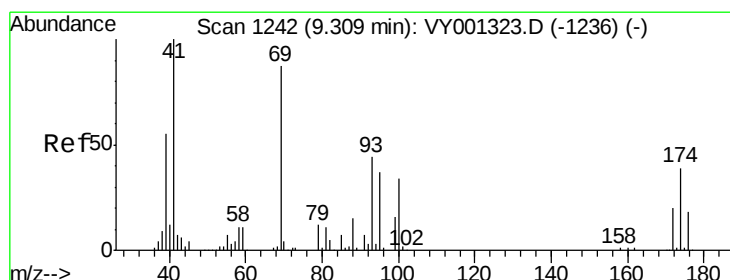
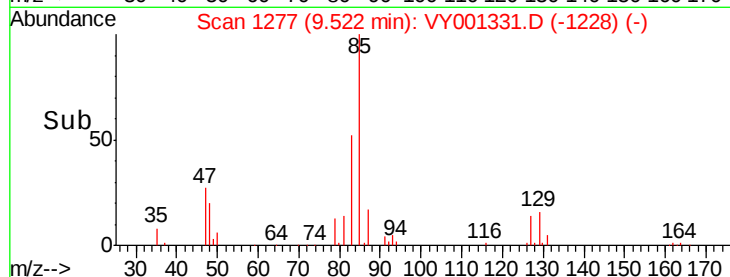
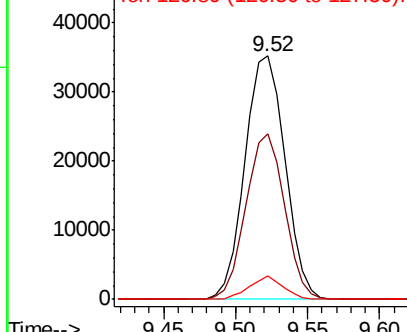
83 100

85 67.8 50.2 75.2

127 9.4 6.4 9.6



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: 19.825 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

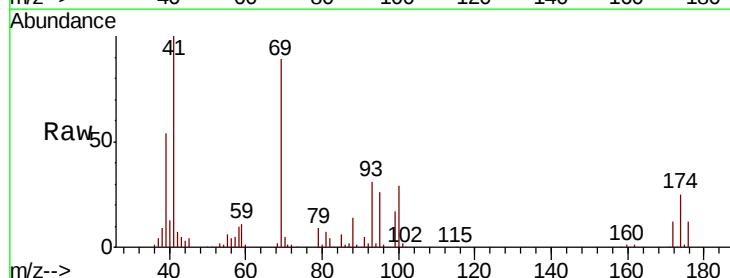
Tgt Ion: 41 Resp: 37827

Ion Ratio Lower Upper

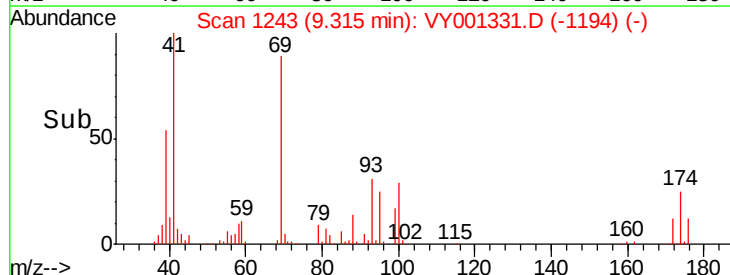
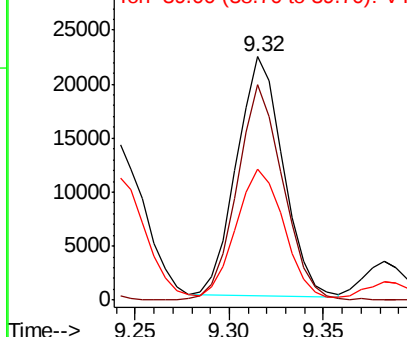
41 100

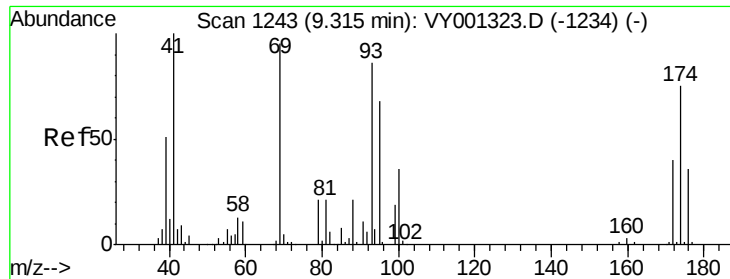
69 89.1 70.2 105.4

39 54.6 45.7 68.5



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: 419.525 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :

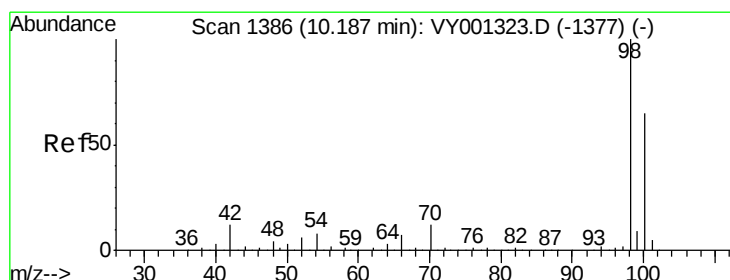
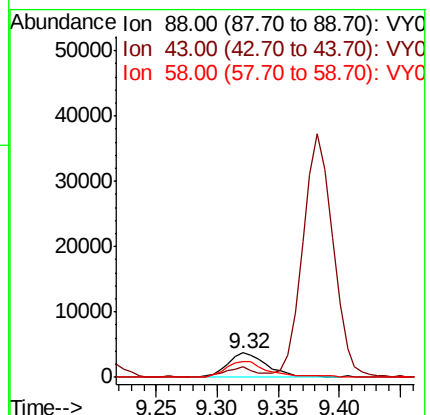
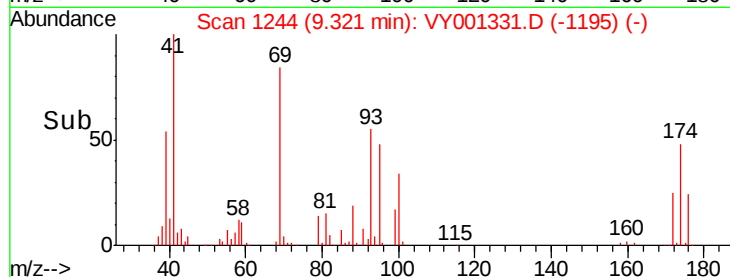
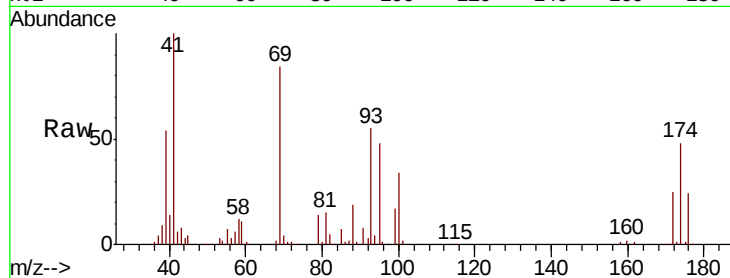
Tot Ion: 88 Resp: 8505

Ion Ratio Lower Upper

88 100

43 31.5 28.2 42.2

58 72.6 55.6 83.4



#50

Toluene-d8

Concen: 50.640 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VY001331.D

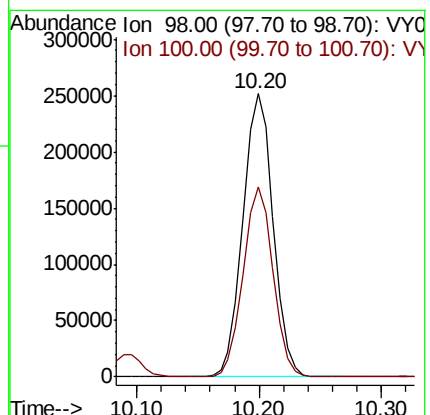
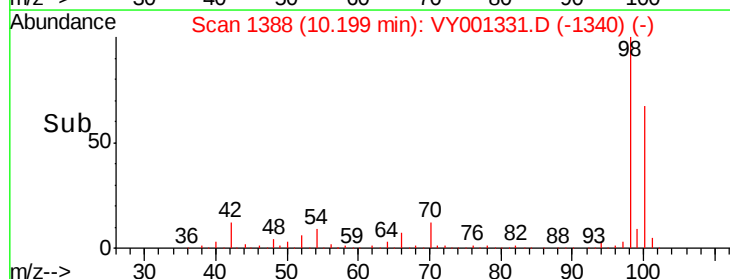
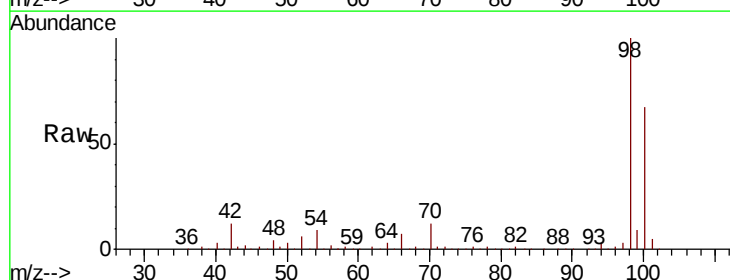
Acq: 22 Jan 2020 15:23

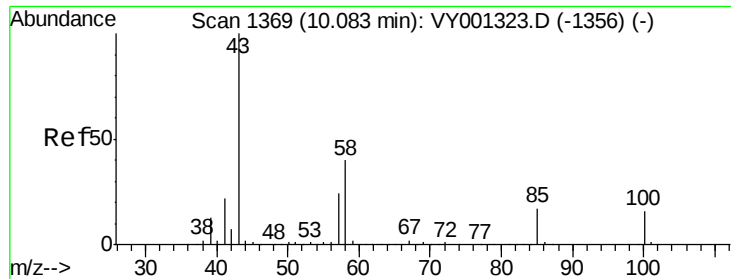
Tgt Ion: 98 Resp: 431800

Ion Ratio Lower Upper

98 100

100 66.4 52.6 79.0

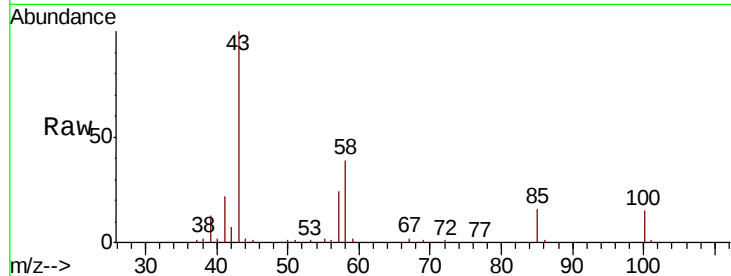




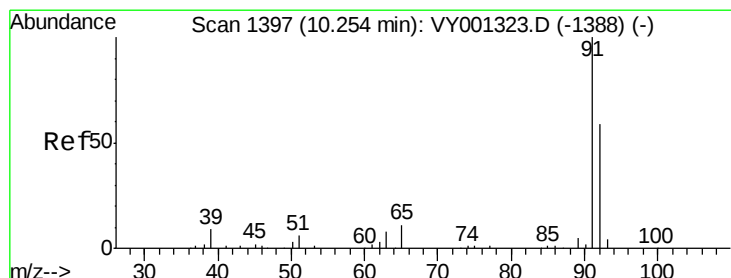
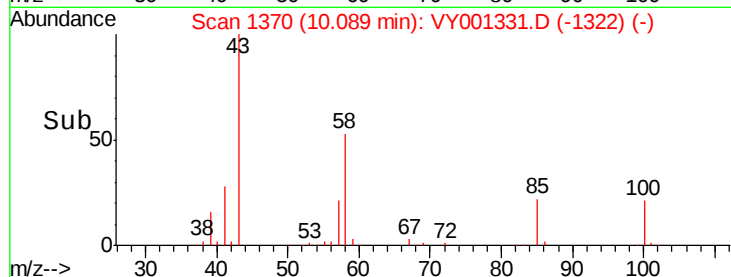
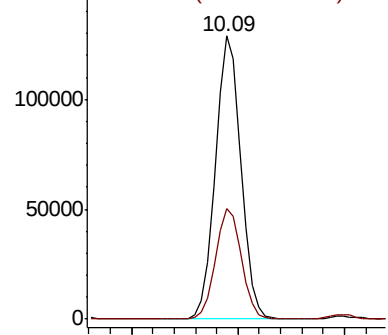
#51
4-Methyl-2-Pentanone
Concen: 100.174 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. -0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 216519
Ion Ratio Lower Upper
43 100
58 39.6 31.5 47.3

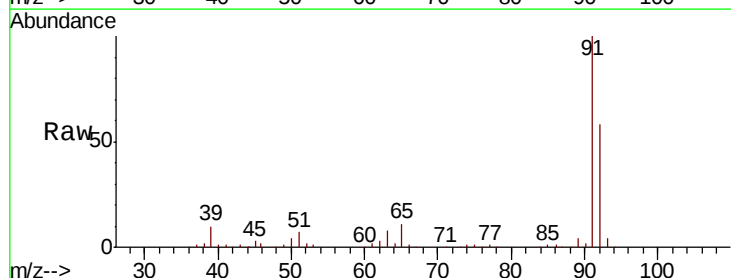


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

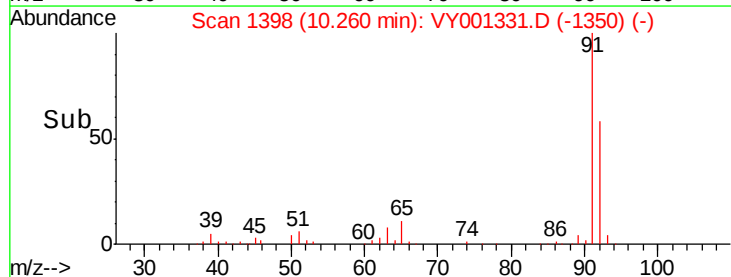
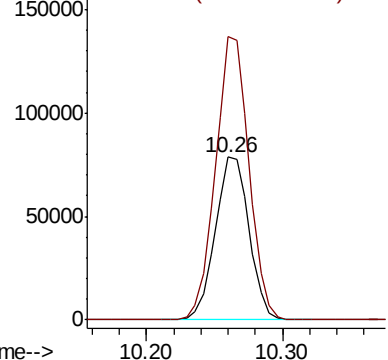


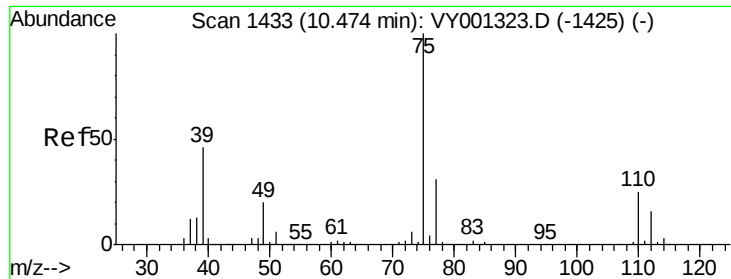
#52
Toluene
Concen: 20.346 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. -0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Tgt Ion: 92 Resp: 136621
Ion Ratio Lower Upper
92 100
91 172.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY0
Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 20.030 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

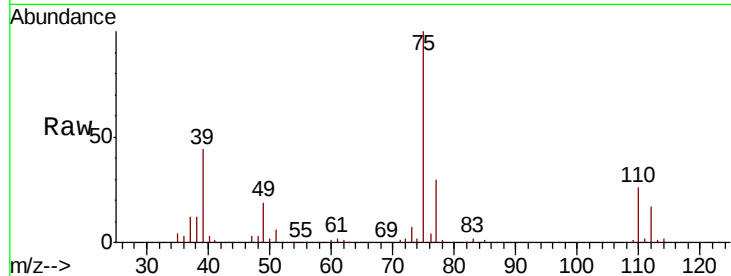
ClientSampled :

Tot Ion: 75 Resp: 76297

Ion Ratio Lower Upper

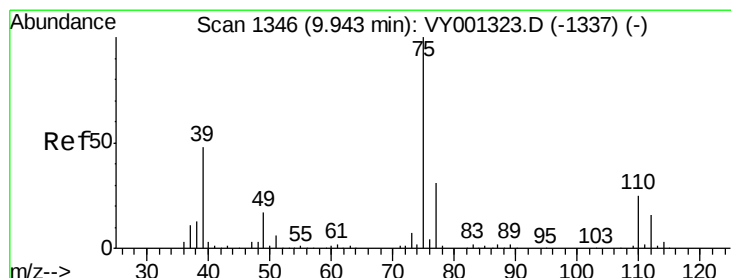
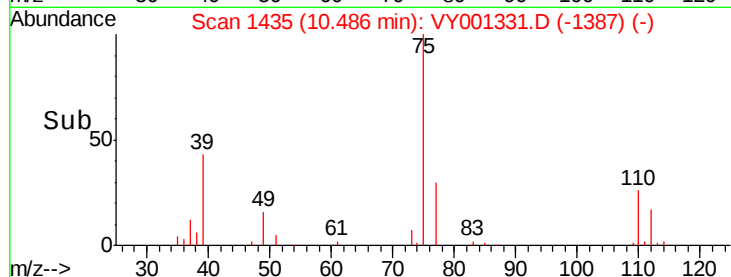
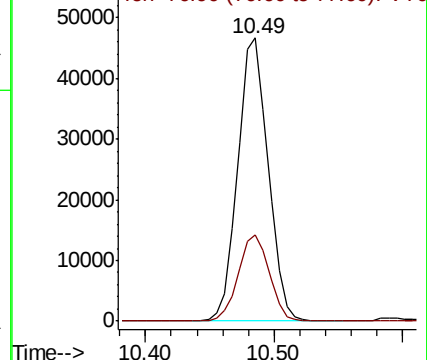
75 100

77 30.4 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.123 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

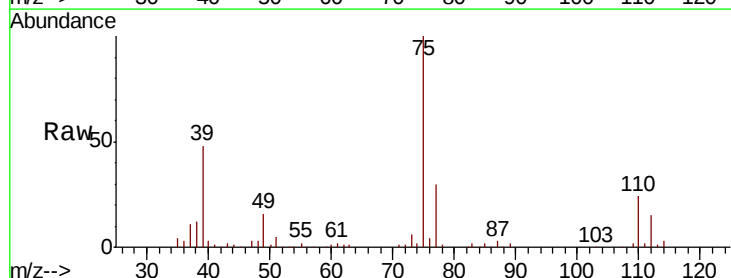
Tgt Ion: 75 Resp: 87981

Ion Ratio Lower Upper

75 100

77 30.4 25.0 37.6

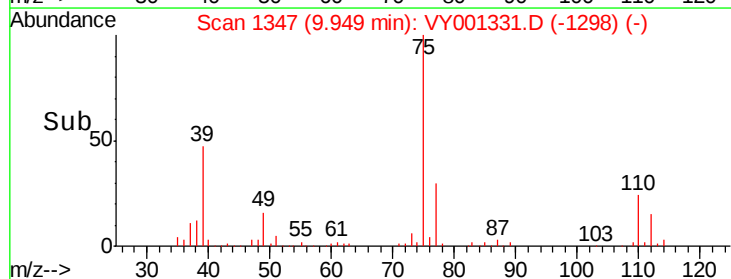
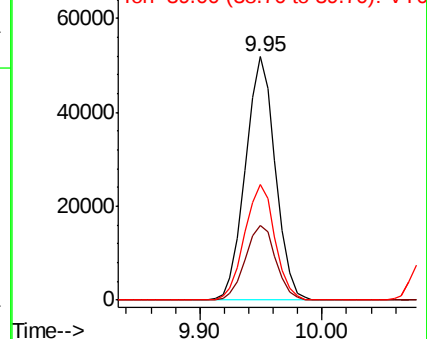
39 47.7 38.2 57.4

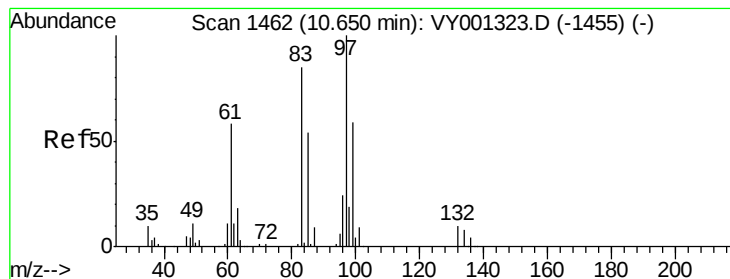


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 19.938 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. -0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 42305

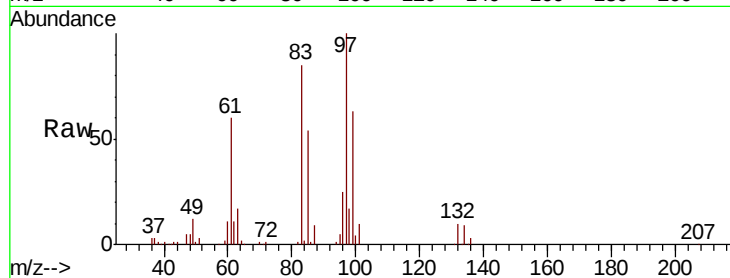
Ion Ratio Lower Upper

97 100

83 85.3 68.0 102.0

85 53.9 43.6 65.4

99 62.5 47.1 70.7

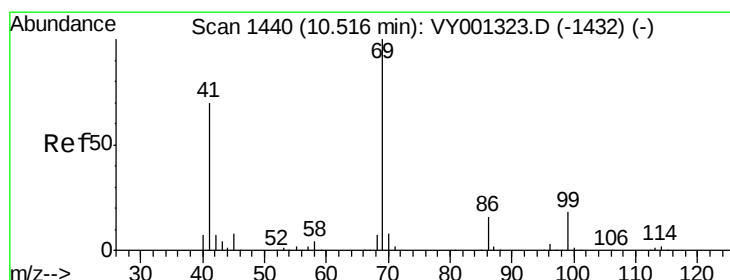
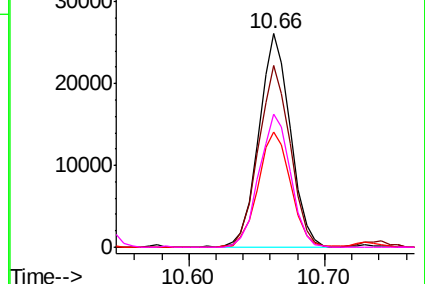
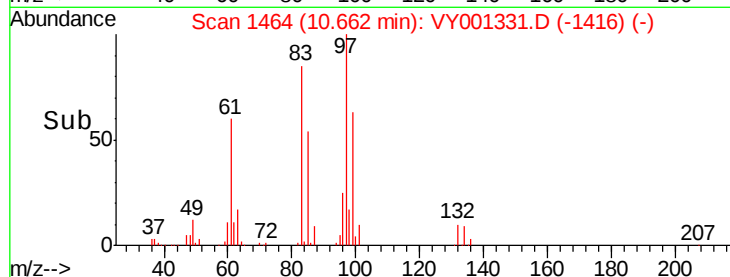


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 19.913 ug/l

RT: 10.53 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

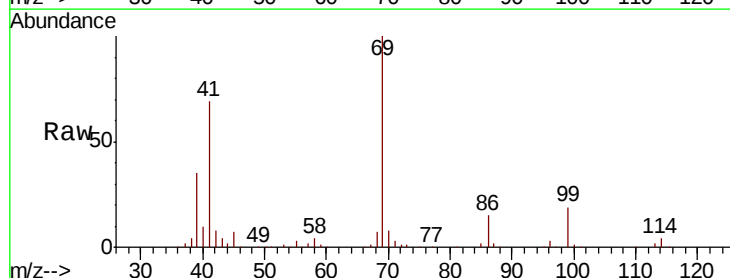
Tgt Ion: 69 Resp: 63863

Ion Ratio Lower Upper

69 100

41 66.2 54.1 81.1

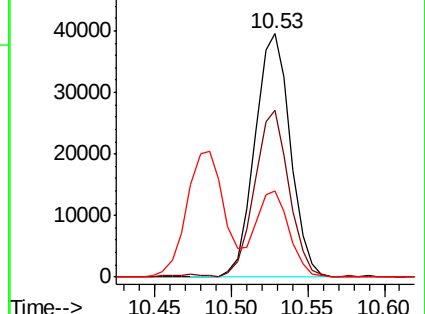
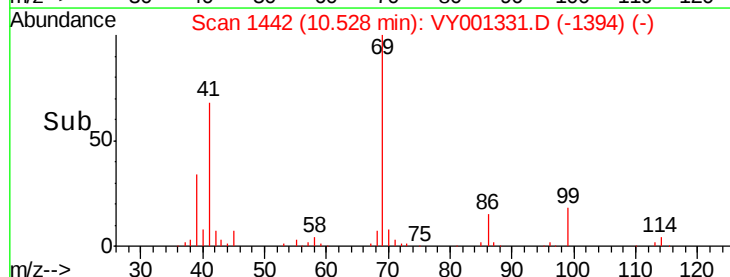
39 34.9 26.8 40.2

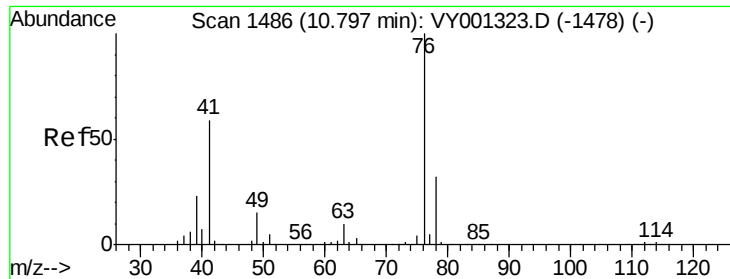


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 20.275 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. -0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

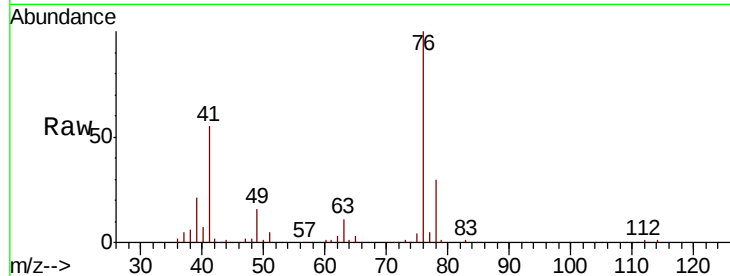
ClientSampled :

Tot Ion: 76 Resp: 74943

Ion Ratio Lower Upper

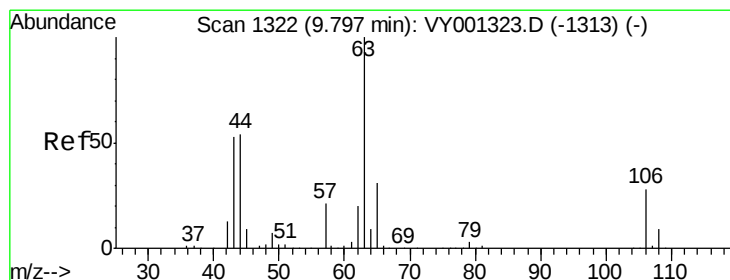
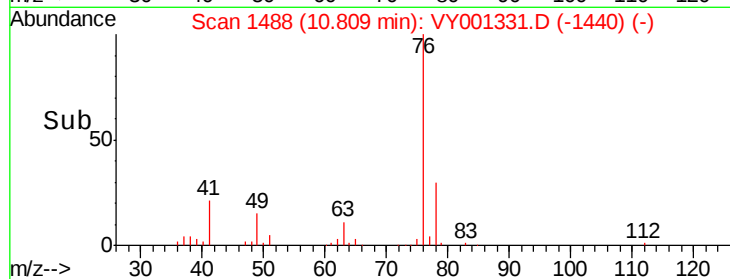
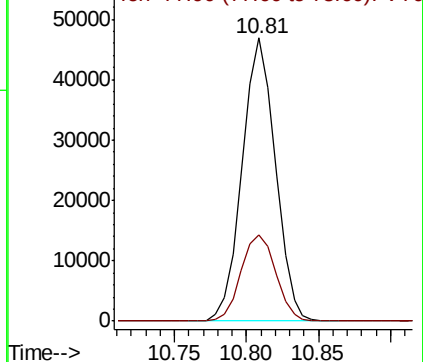
76 100

78 32.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 98.754 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VY001331.D

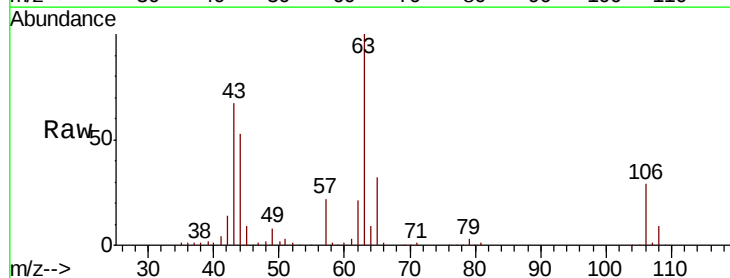
Acq: 22 Jan 2020 15:23

Tgt Ion: 63 Resp: 109592

Ion Ratio Lower Upper

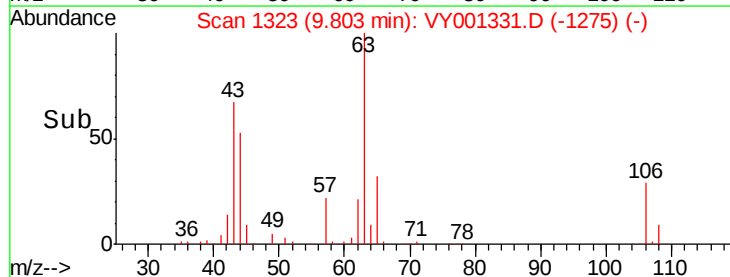
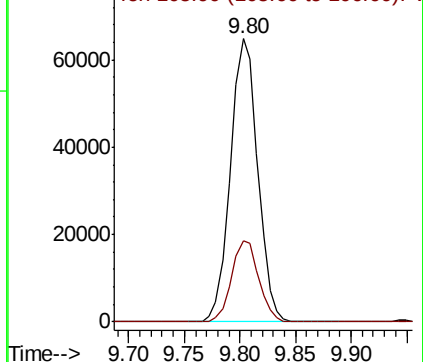
63 100

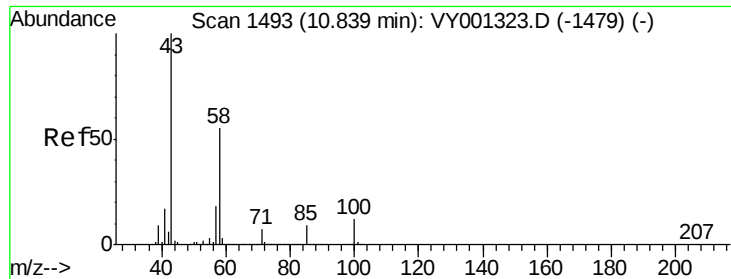
106 28.7 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

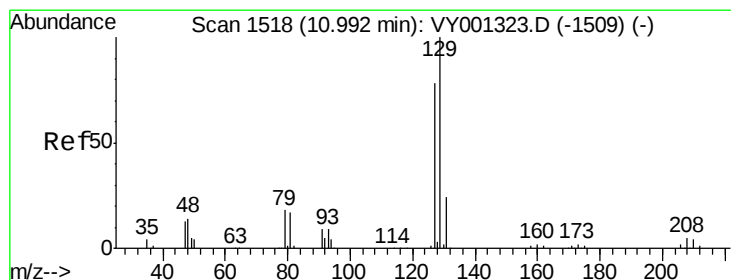
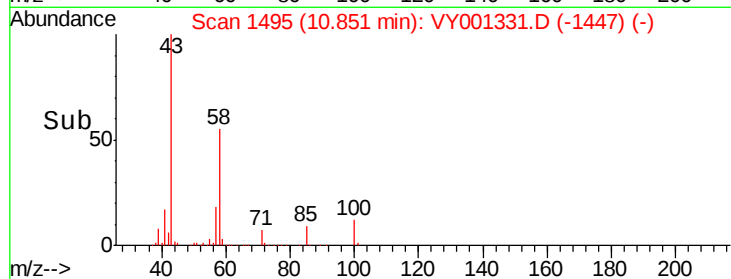
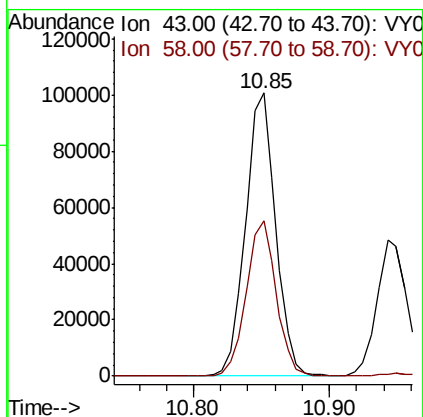
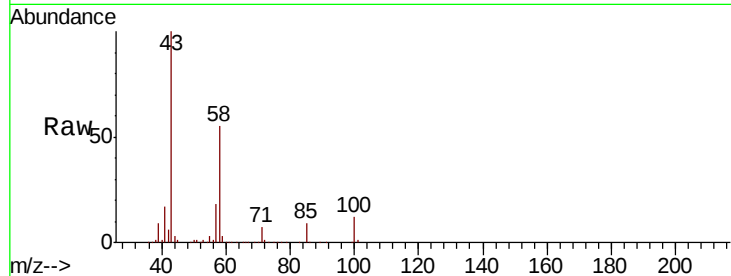




#59
2-Hexanone
Concen: 103.810 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

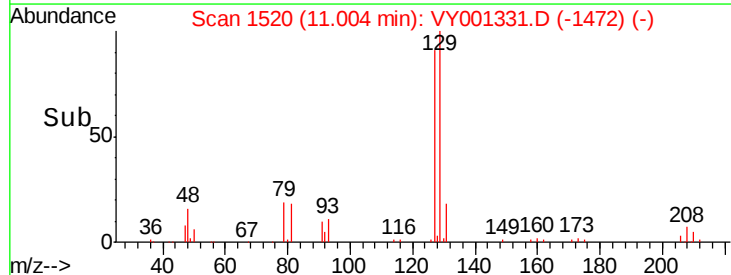
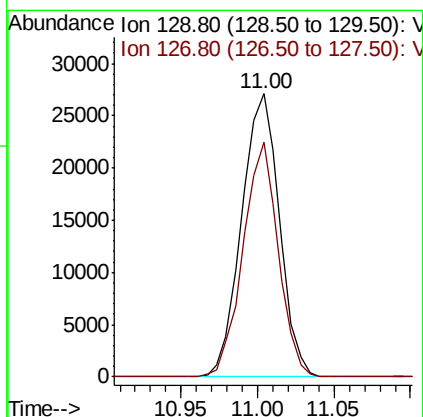
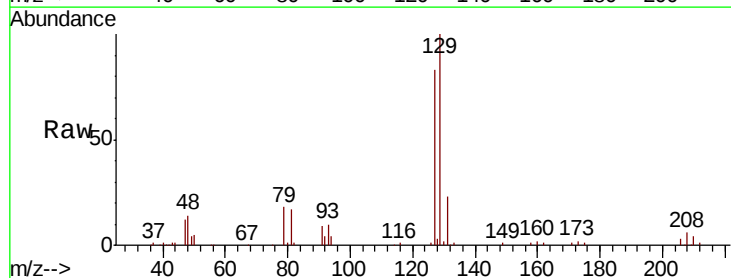
Instrument :
MSVOA_Y
ClientSampleId :

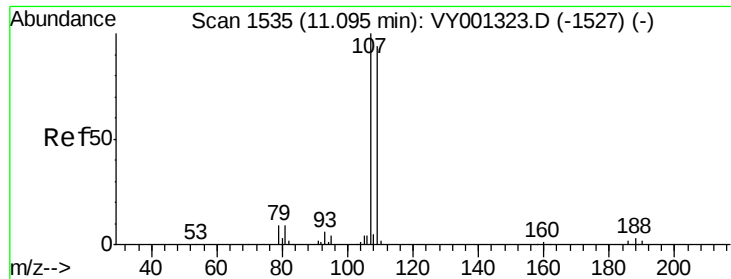
Tot Ion: 43 Resp: 156206
Ion Ratio Lower Upper
43 100
58 54.6 27.6 82.8



#60
Dibromochloromethane
Concen: 19.615 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. -0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Tgt Ion:129 Resp: 46551
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4





#61

1,2-Dibromoethane

Concen: 20.282 ug/l

RT: 11.11 min Scan# 1537

Delta R.T. -0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

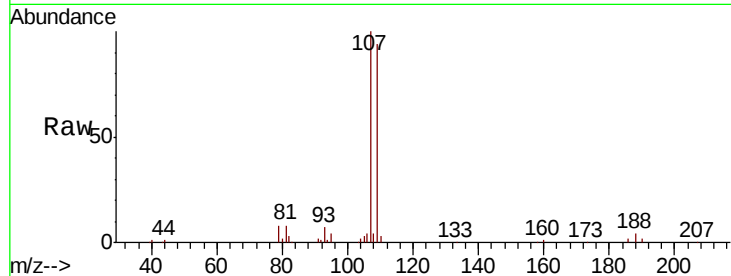
ClientSampled :

Tot Ion:107 Resp: 40684

Ion Ratio Lower Upper

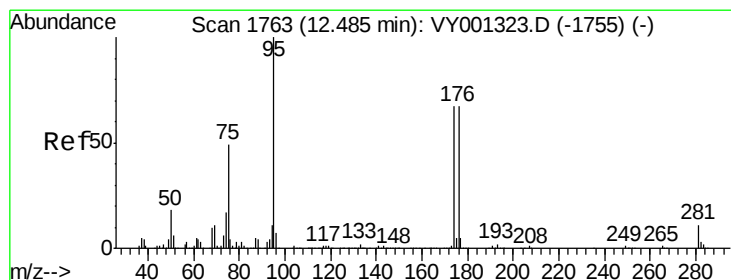
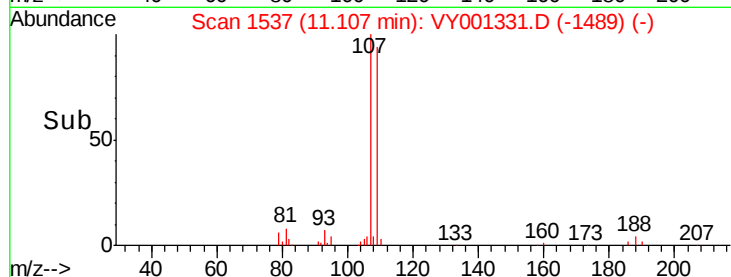
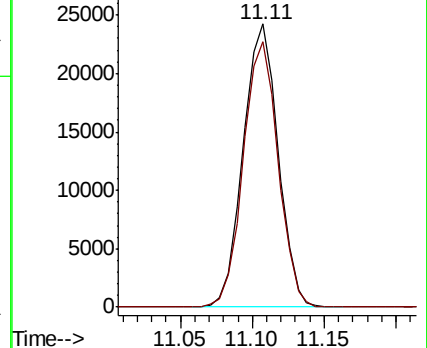
107 100

109 93.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.147 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.02 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

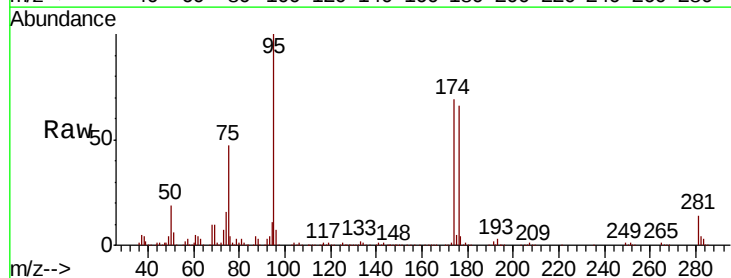
Tgt Ion: 95 Resp: 160095

Ion Ratio Lower Upper

95 100

174 73.6 0.0 142.0

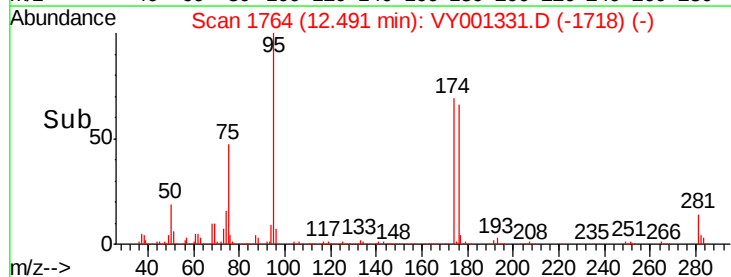
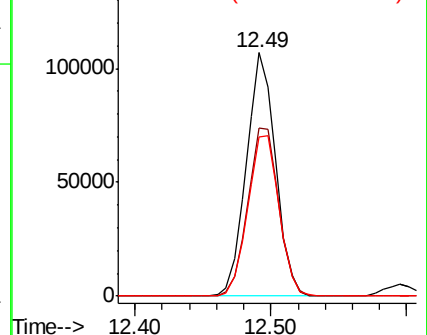
176 70.8 0.0 138.6

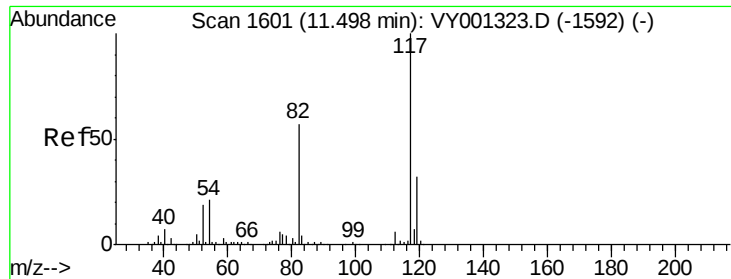


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

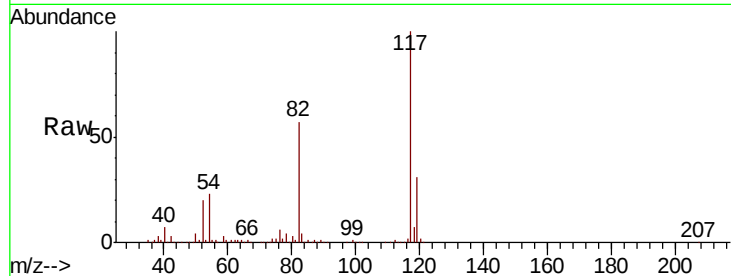




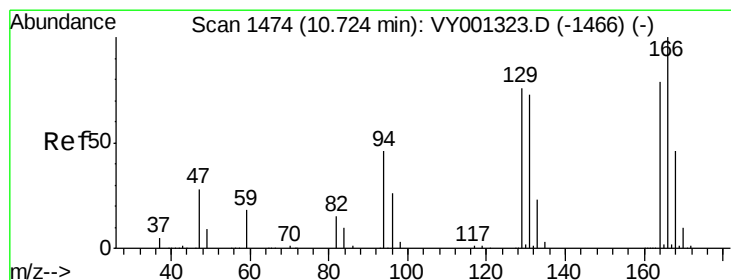
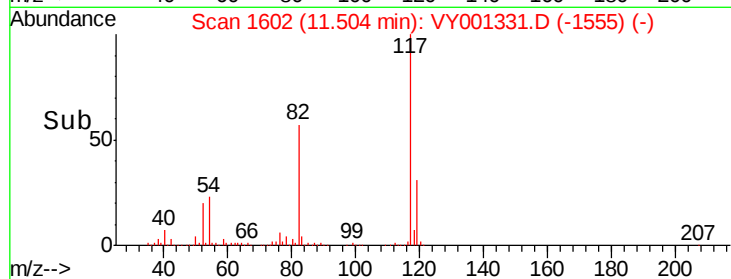
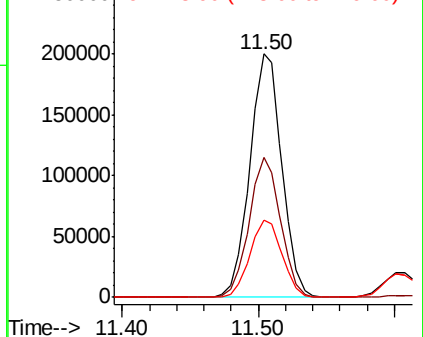
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 329279
Ion Ratio Lower Upper
117 100
82 57.2 45.5 68.3
119 31.5 25.8 38.6

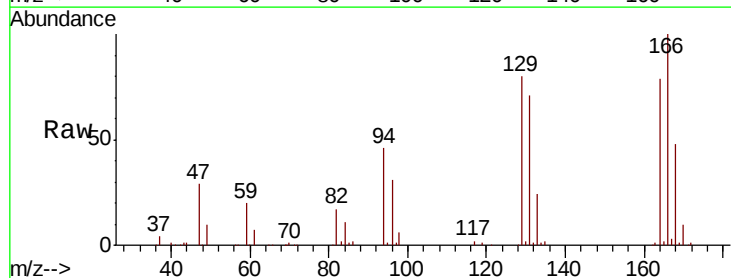


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

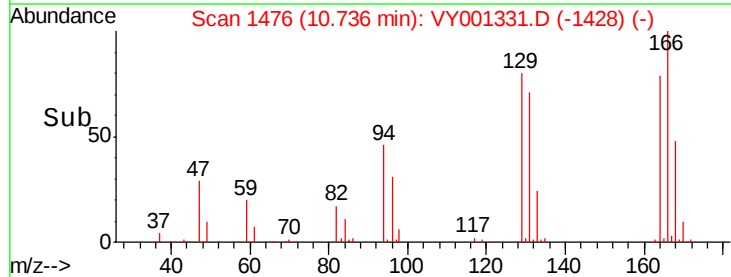
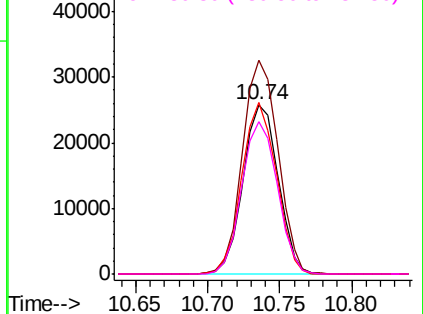


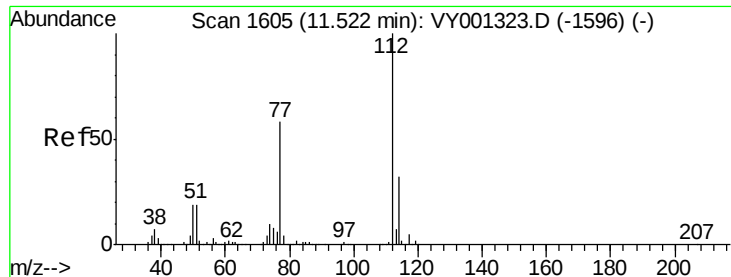
#64
Tetrachloroethene
Concen: 20.746 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Tgt Ion:164 Resp: 43636
Ion Ratio Lower Upper
164 100
166 126.0 101.8 152.8
129 101.0 77.1 115.7
131 89.7 74.2 111.2



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





#65

Chlorobenzene

Concen: 20.685 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

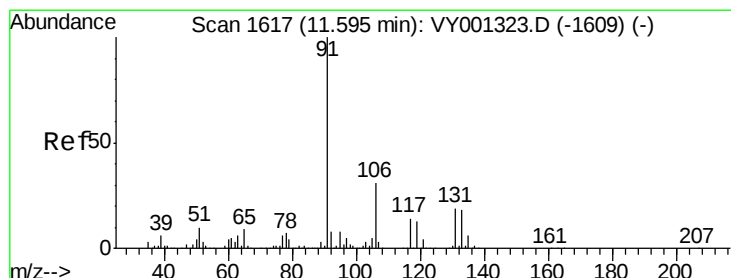
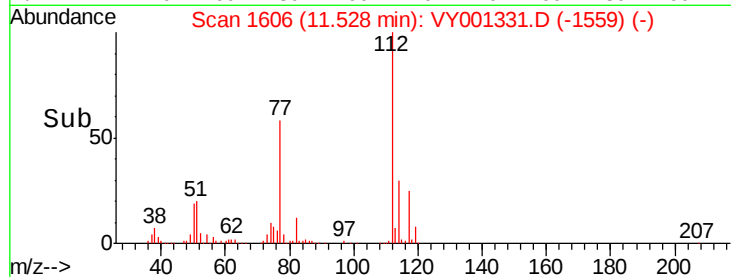
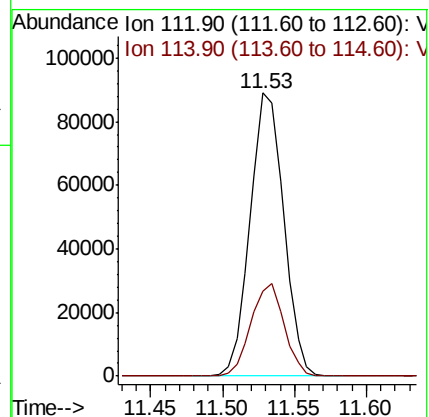
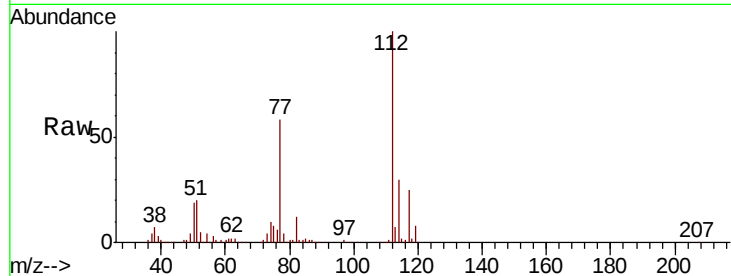
ClientSampleId :

Tot Ion:112 Resp: 143568

Ion Ratio Lower Upper

112 100

114 30.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.528 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

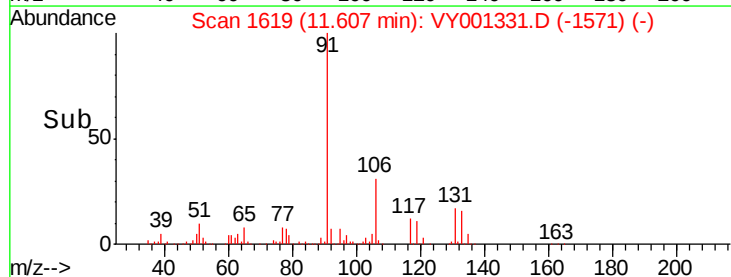
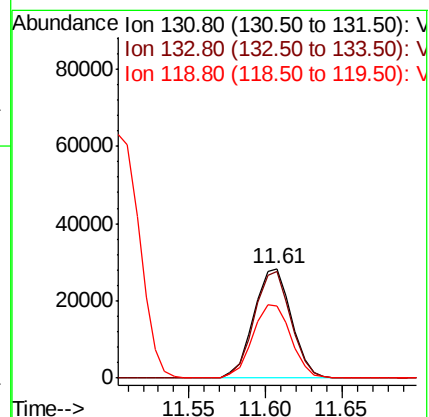
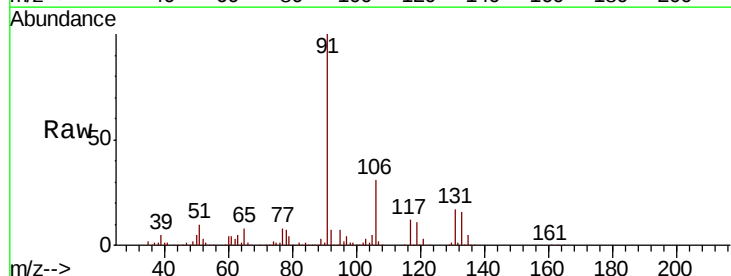
Tgt Ion:131 Resp: 48624

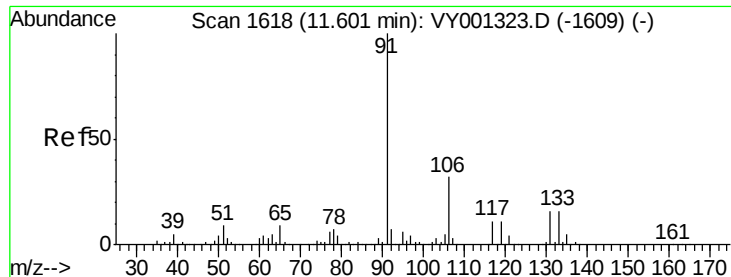
Ion Ratio Lower Upper

131 100

133 95.4 47.1 141.3

119 68.4 34.1 102.2

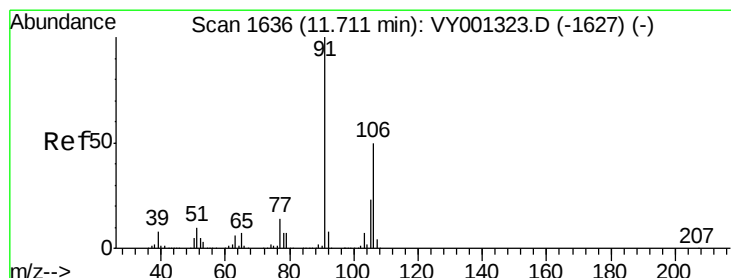
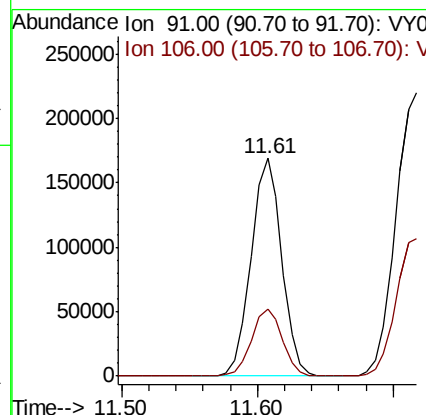
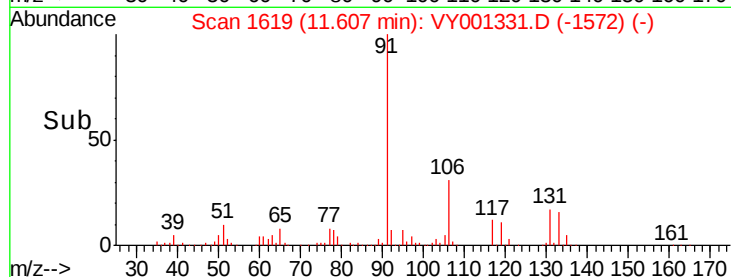
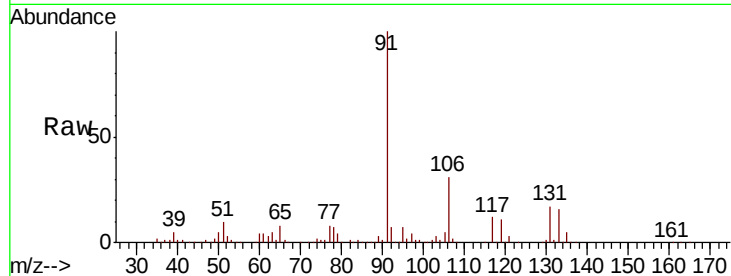




#67
Ethyl Benzene
Concen: 20.807 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. -0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

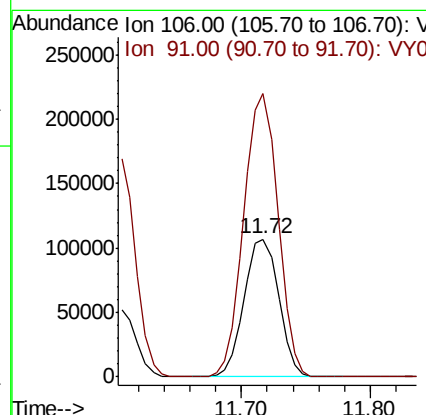
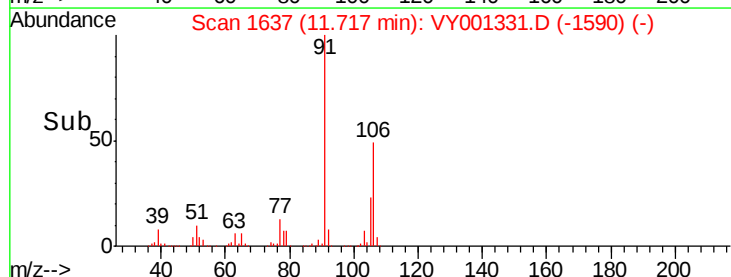
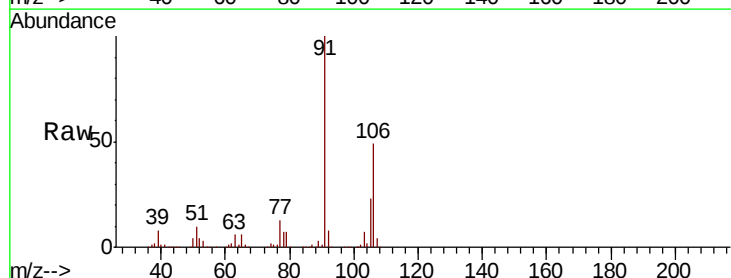
Instrument :
MSVOA_Y
ClientSampled :

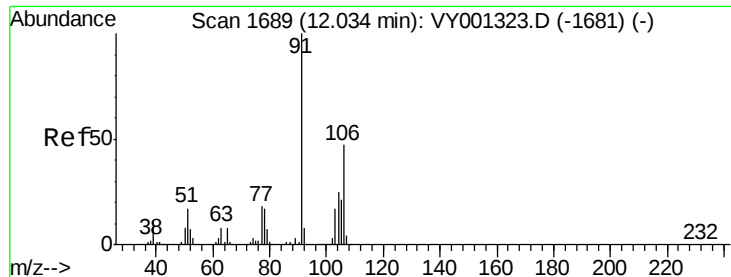
Tot Ion: 91 Resp: 266146
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.0



#68
m/p-Xylenes
Concen: 41.643 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Tgt Ion: 106 Resp: 198942
Ion Ratio Lower Upper
106 100
91 203.3 162.8 244.2

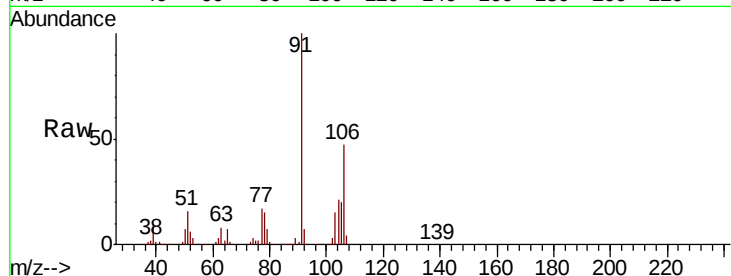




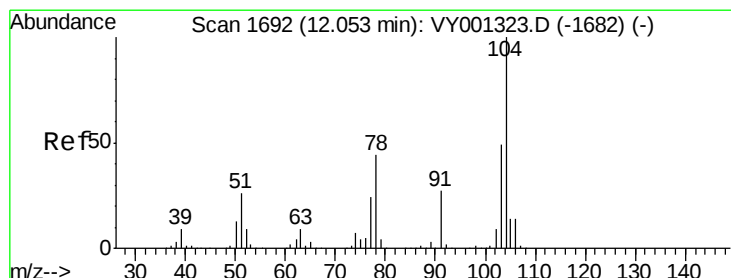
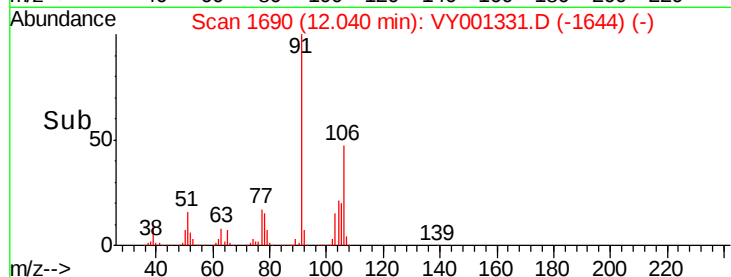
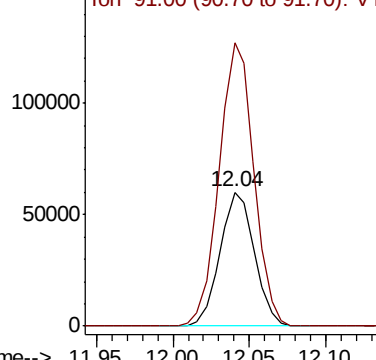
#69
o-Xylene
Concen: 20.347 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.02 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 93510
Ion Ratio Lower Upper
106 100
91 213.9 106.3 319.0

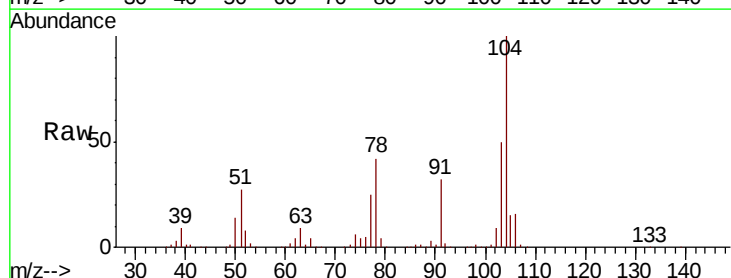


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

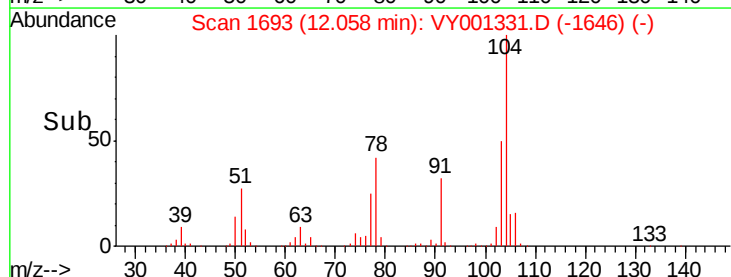
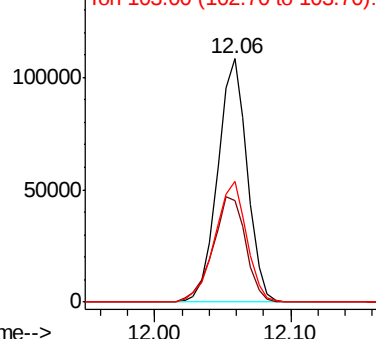


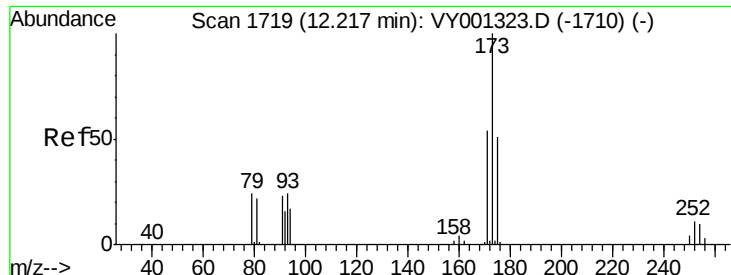
#70
Styrene
Concen: 20.427 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. -0.01 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Tgt Ion:104 Resp: 164714
Ion Ratio Lower Upper
104 100
78 48.1 39.8 59.8
103 53.3 43.2 64.8



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





#71

Bromoform

Concen: 19.504 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.02 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

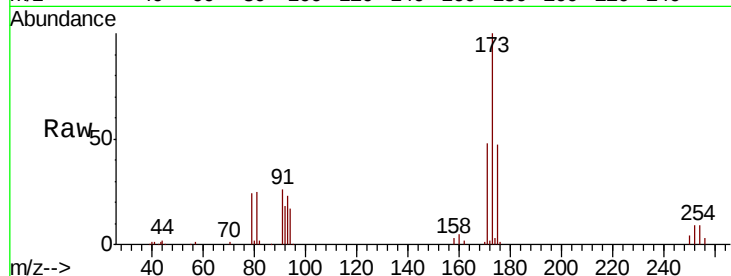
Tot Ion:173 Resp: 27577

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.9

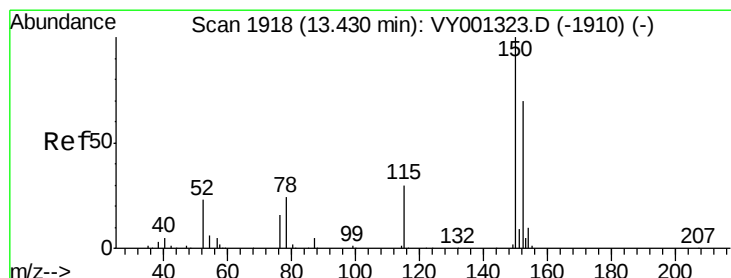
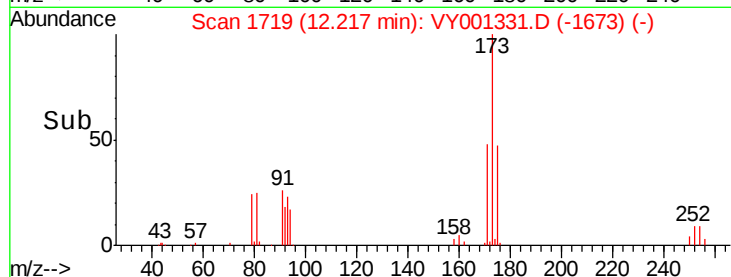
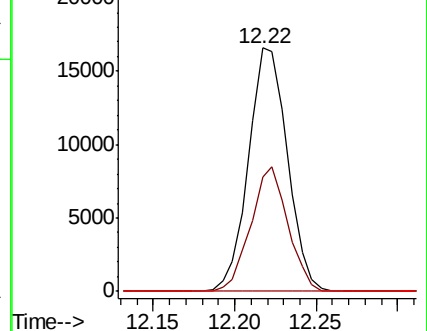
254 0.0 0.0 0.0



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. -0.03 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

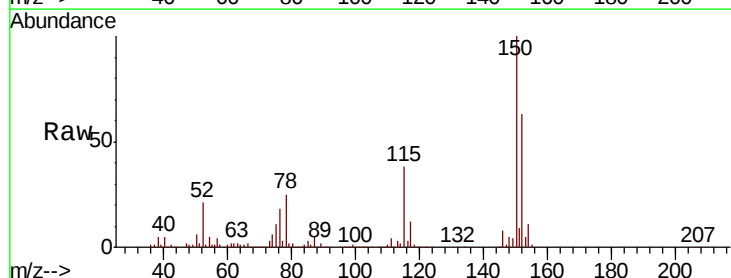
Tgt Ion:152 Resp: 159278

Ion Ratio Lower Upper

152 100

115 60.8 30.9 92.8

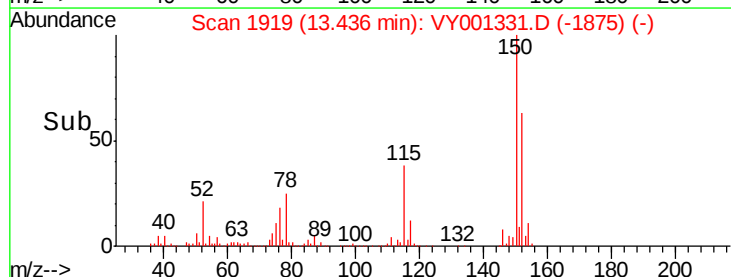
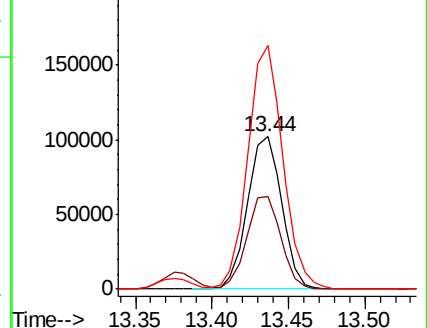
150 163.2 0.0 349.2

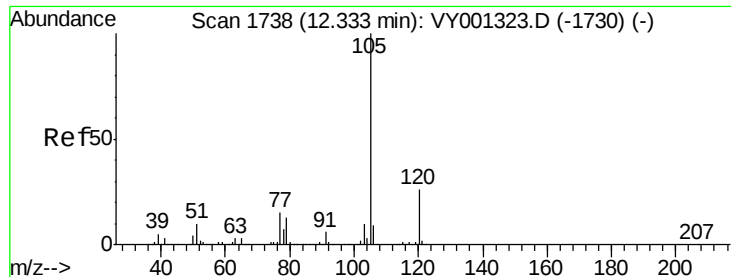


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.107 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.02 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

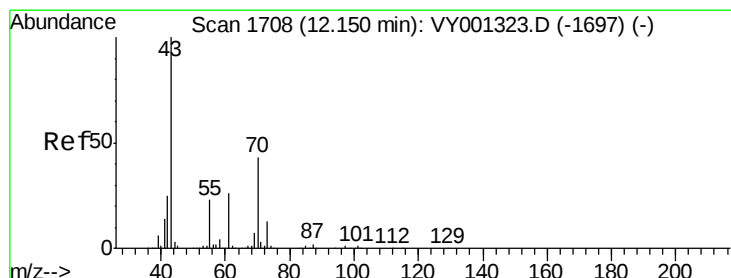
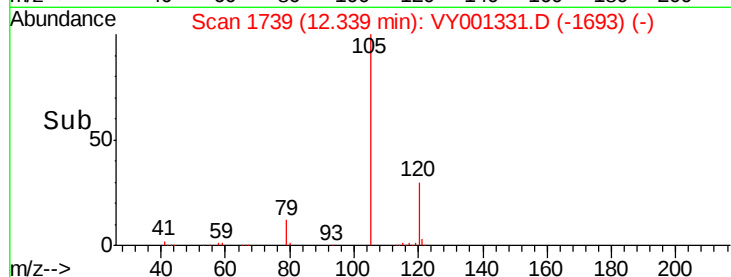
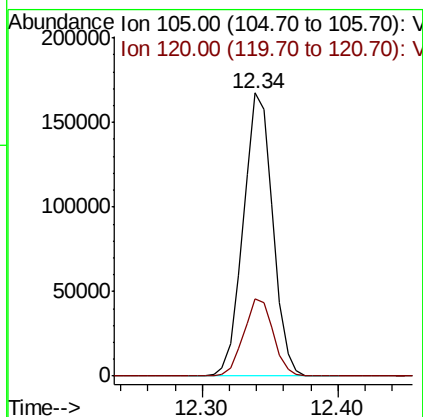
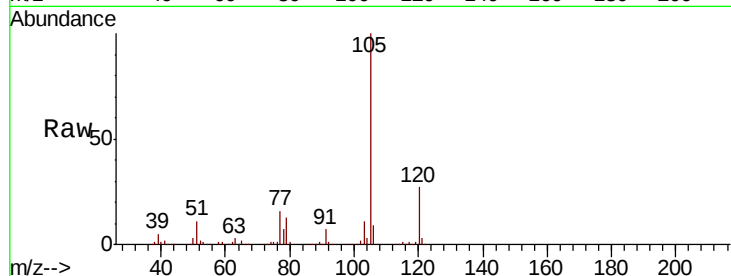
ClientSampleId :

Tot Ion:105 Resp: 252717

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.4



#74

N-ethyl acetate

Concen: 19.631 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. -0.01 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Tgt Ion: 43 Resp: 80762

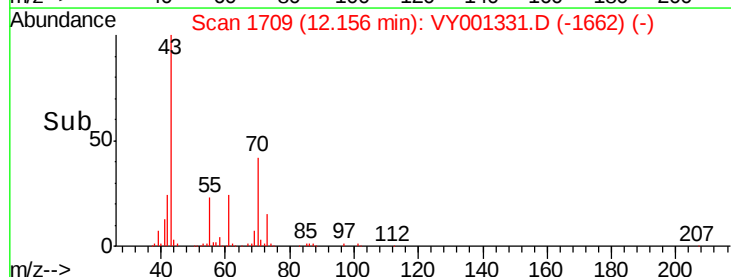
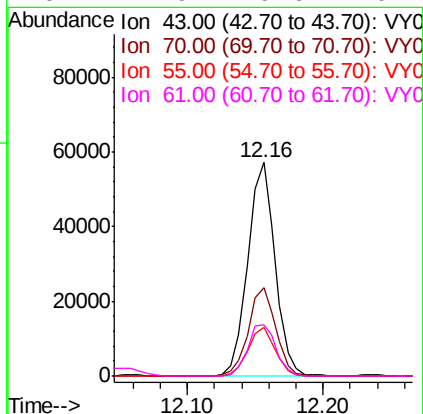
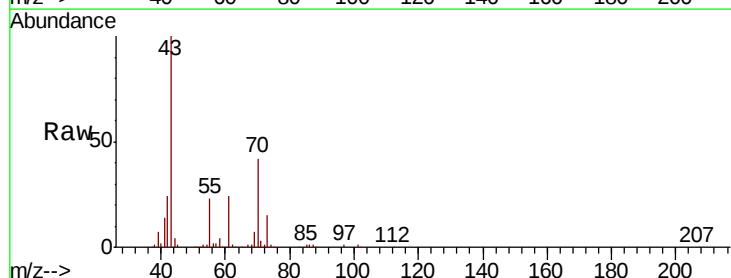
Ion Ratio Lower Upper

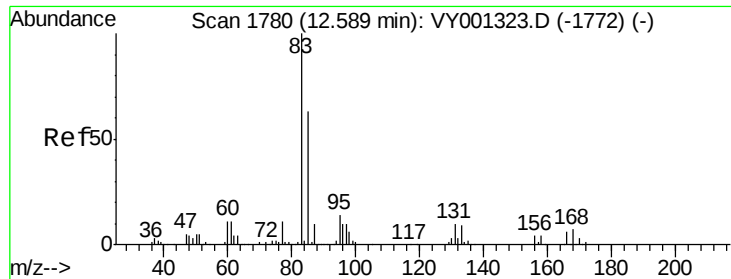
43 100

70 41.6 33.5 50.3

55 22.6 18.2 27.2

61 24.9 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.929 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.02 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

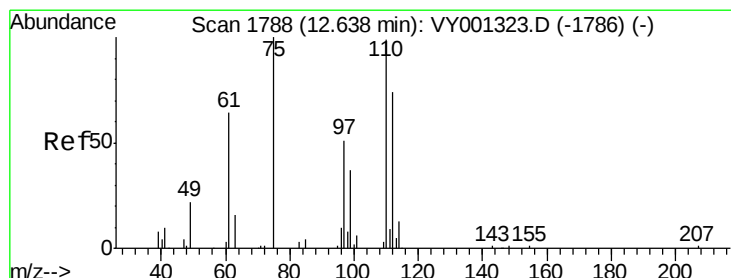
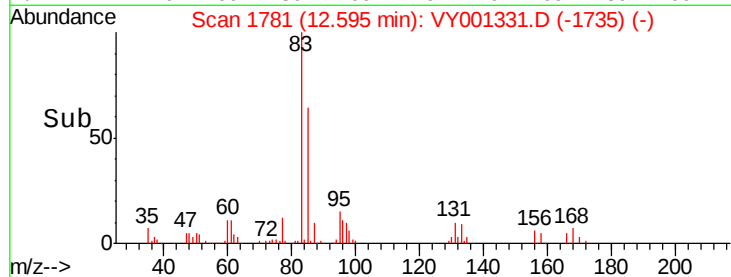
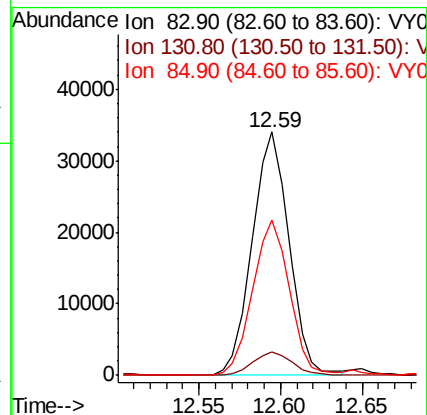
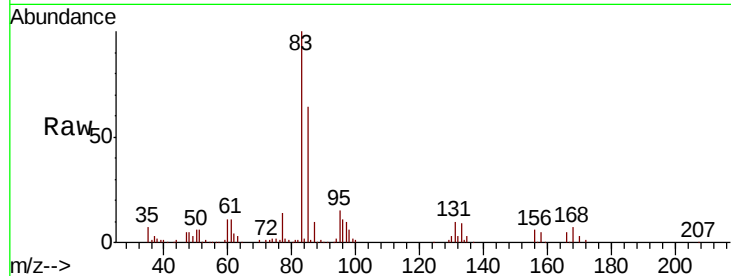
Tot Ion: 83 Resp: 53643

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.6

85 63.5 31.4 94.3



#76

1,2,3-Trichloropropane

Concen: 36.718 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.02 min

Lab File: VY001331.D

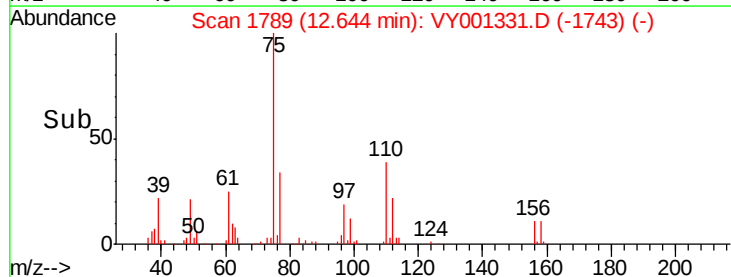
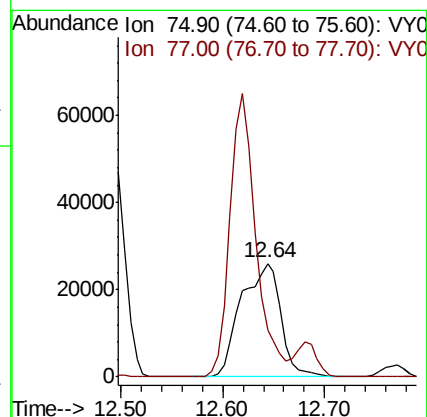
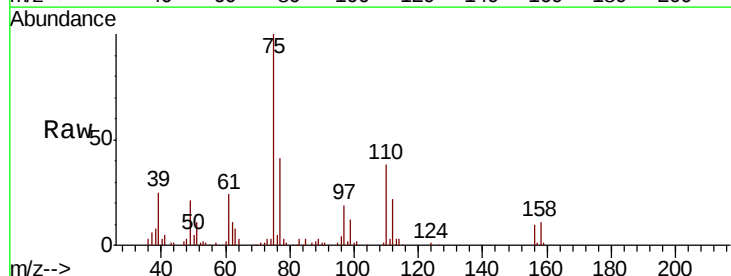
Acq: 22 Jan 2020 15:23

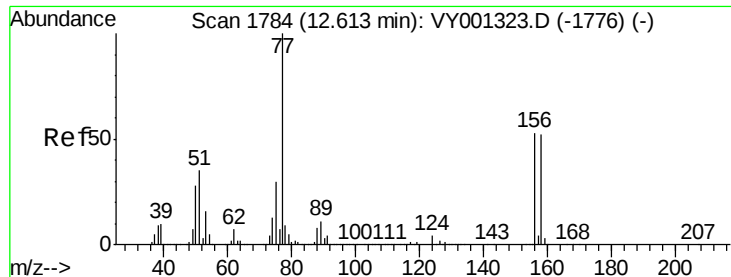
Tgt Ion: 75 Resp: 70473

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.884 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.02 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

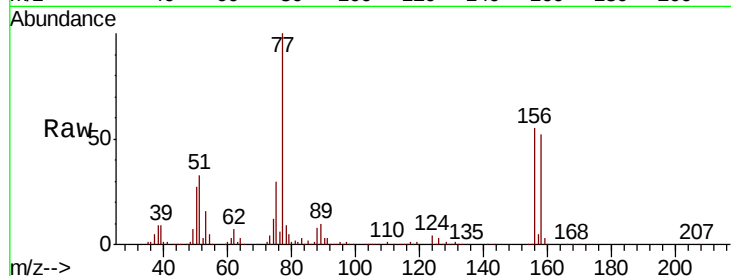
Tot Ion:156 Resp: 55352

Ion Ratio Lower Upper

156 100

77 207.2 104.7 313.9

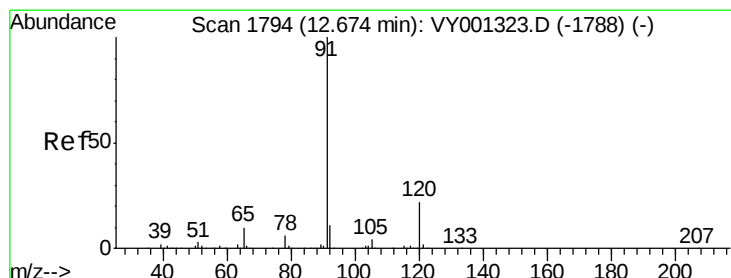
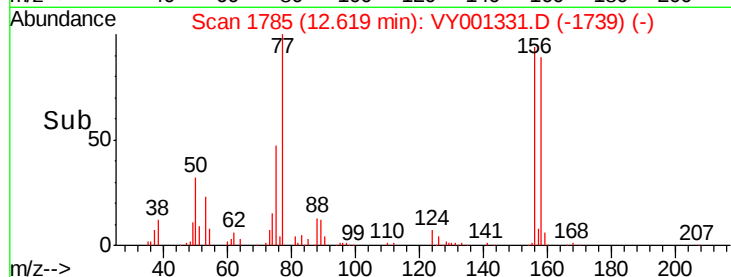
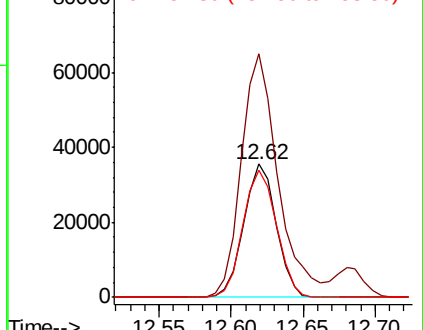
158 98.1 48.6 145.8



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: 20.292 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.02 min

Lab File: VY001331.D

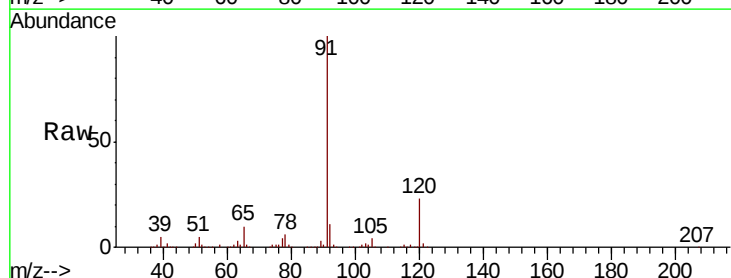
Acq: 22 Jan 2020 15:23

Tgt Ion: 91 Resp: 306981

Ion Ratio Lower Upper

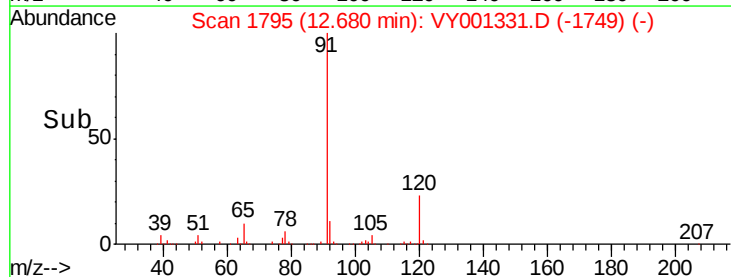
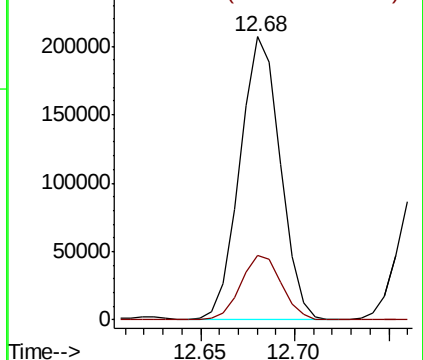
91 100

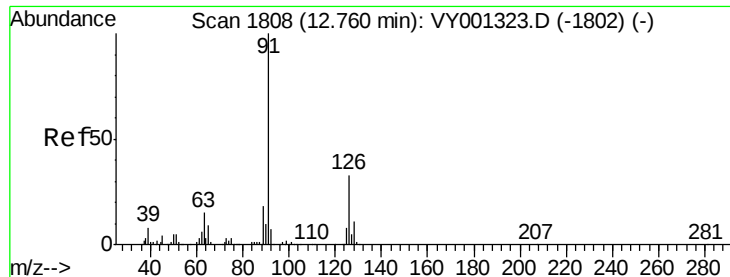
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

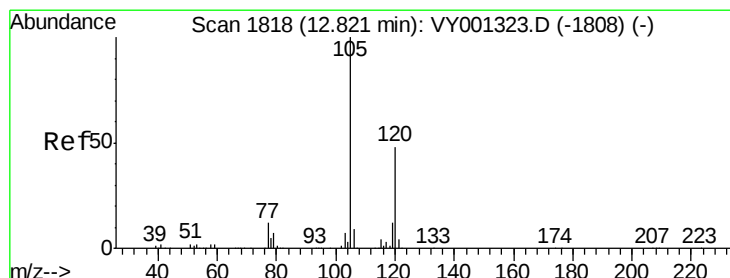
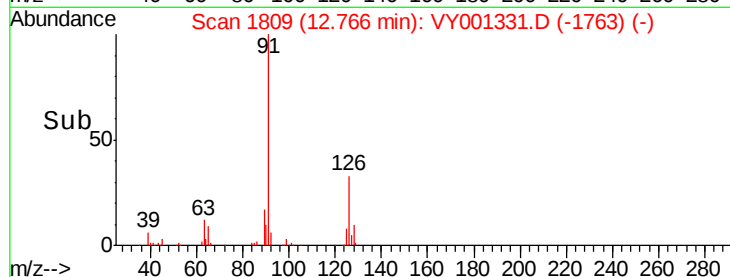
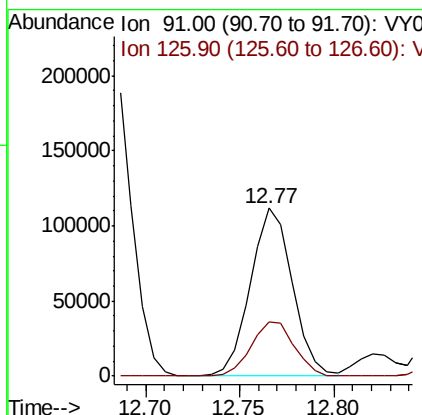
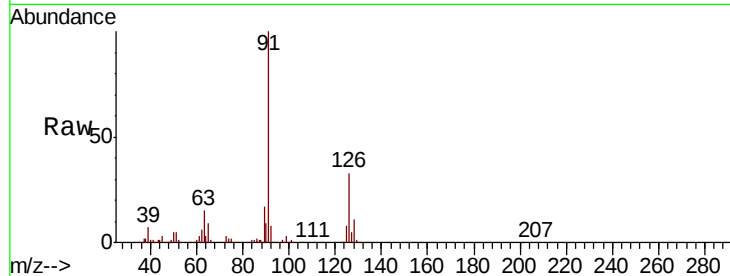




#79
 2-Chlorotoluene
 Concen: 19.994 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. -0.02 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

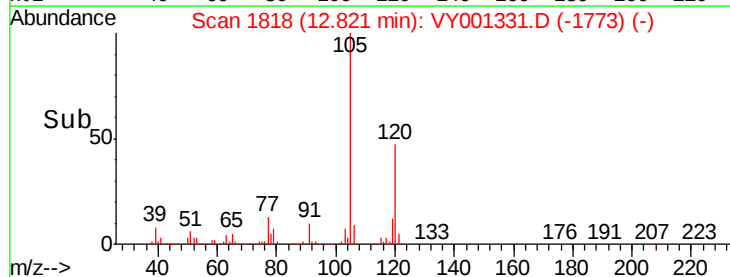
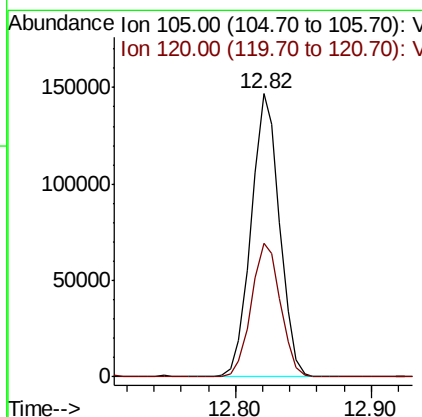
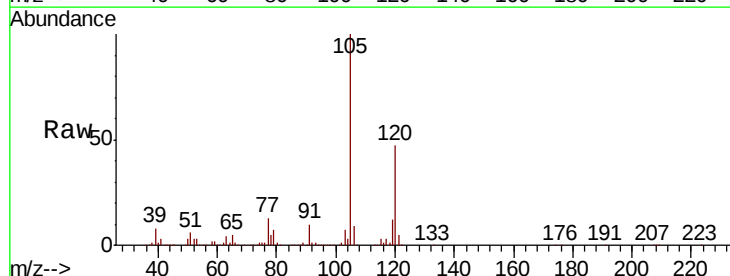
Instrument :
 MSVOA_Y
 ClientSampled :

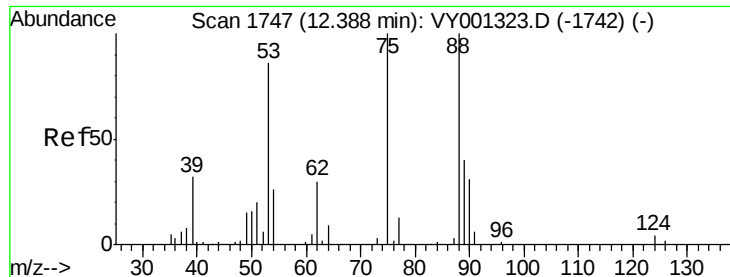
Tot Ion: 91 Resp: 172793
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.500 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

Tgt Ion:105 Resp: 215073
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.805 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.02 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

ClientSampled :

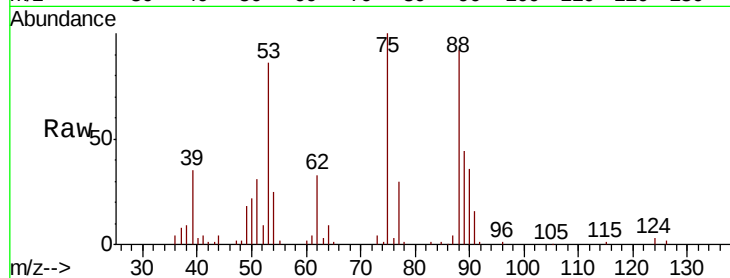
Tot Ion: 75 Resp: 20087

Ion Ratio Lower Upper

75 100

53 86.9 69.9 104.9

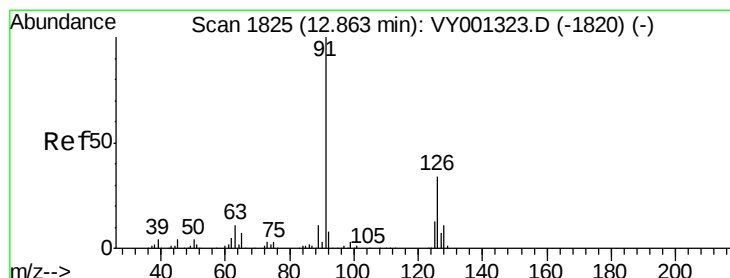
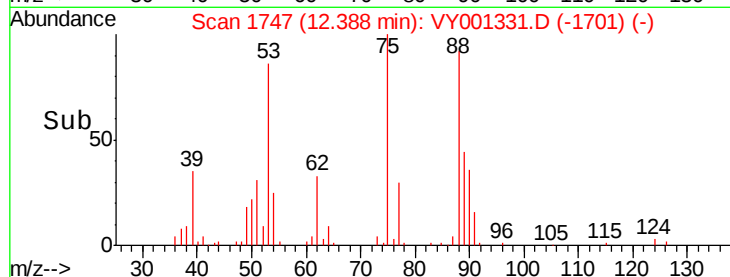
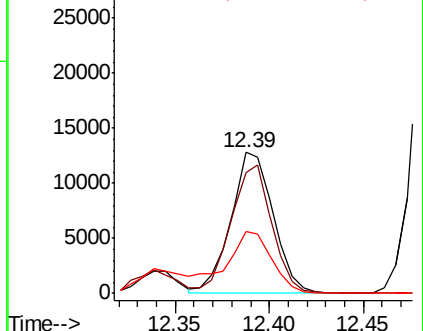
89 41.3 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 19.743 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.02 min

Lab File: VY001331.D

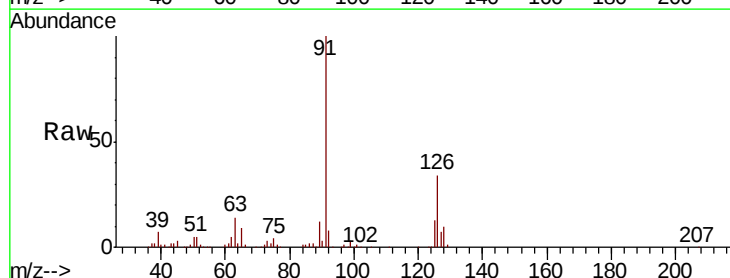
Acq: 22 Jan 2020 15:23

Tgt Ion: 91 Resp: 182260

Ion Ratio Lower Upper

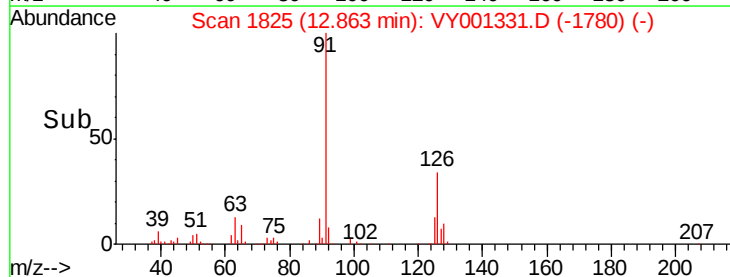
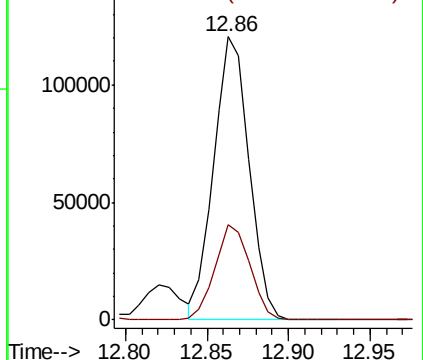
91 100

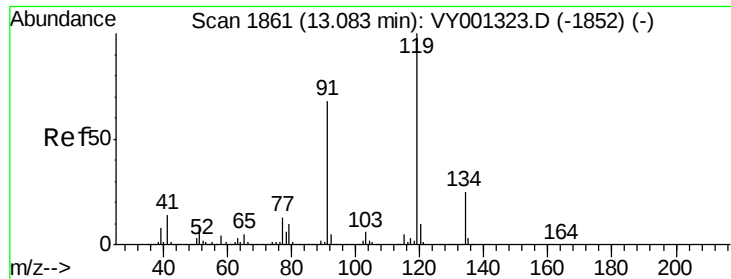
126 33.4 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

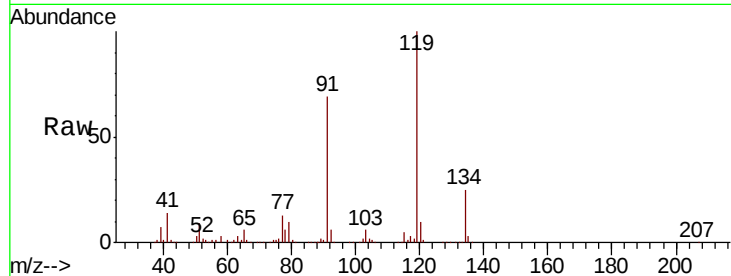




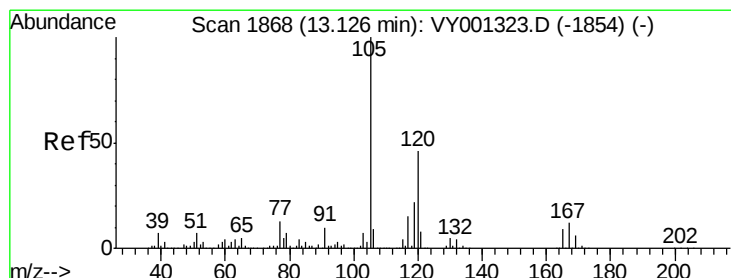
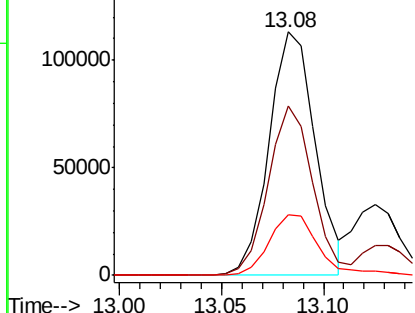
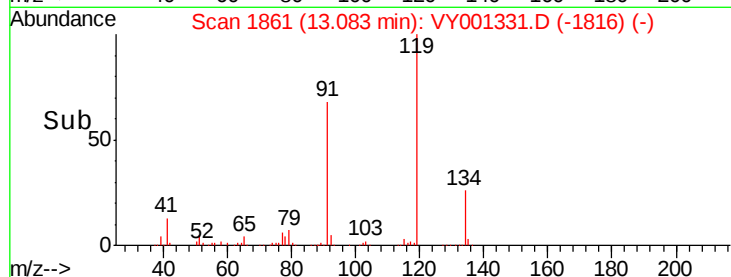
#83
tert-Butylbenzene
Concen: 20.170 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.02 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:119 Resp: 178370
Ion Ratio Lower Upper
119 100
91 67.5 33.0 99.0
134 26.9 13.3 39.9

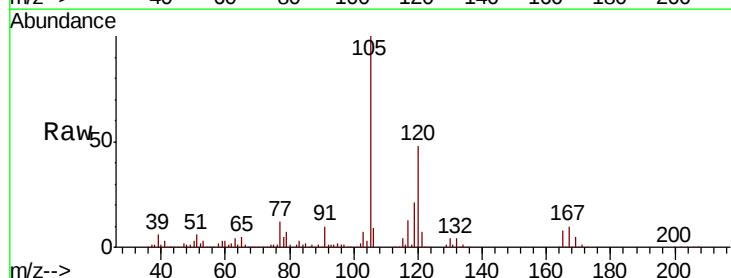


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

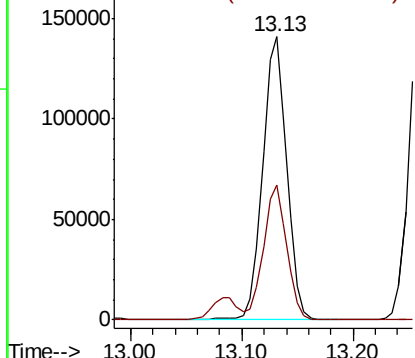
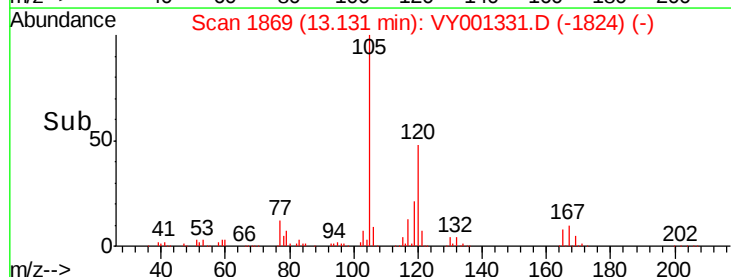


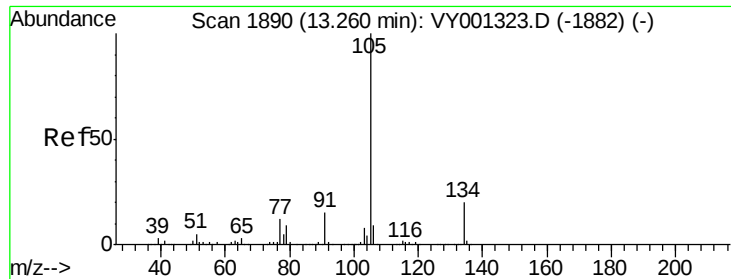
#84
1,2,4-Trimethylbenzene
Concen: 20.138 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. -0.02 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Tgt Ion:105 Resp: 212105
Ion Ratio Lower Upper
105 100
120 46.2 22.4 67.3



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





#85

sec-Butylbenzene

Concen: 20.932 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.03 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

Instrument :

MSVOA_Y

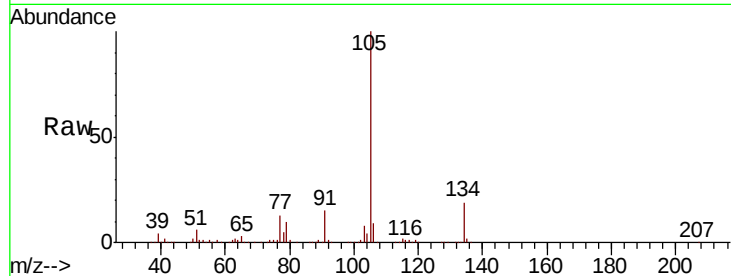
ClientSampleId :

Tot Ion:105 Resp: 262991

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

50000

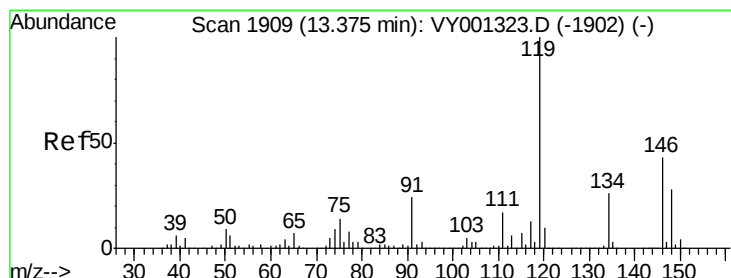
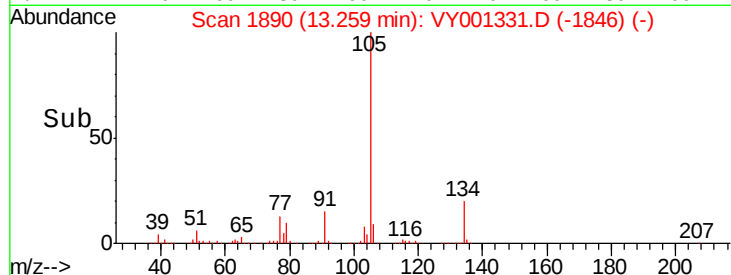
0

13.26

13.20

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.125 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.03 min

Lab File: VY001331.D

Acq: 22 Jan 2020 15:23

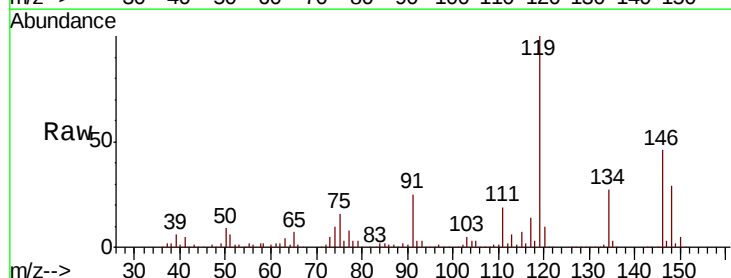
Tgt Ion:119 Resp: 233901

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 23.8 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

200000

150000

100000

50000

0

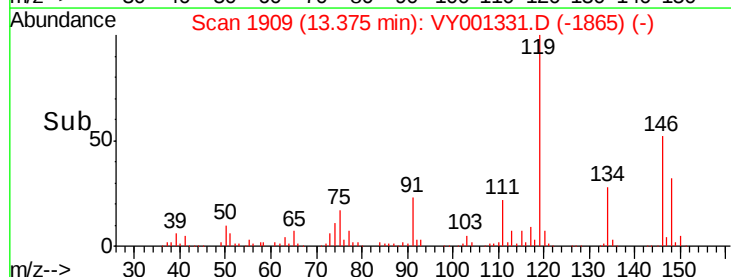
13.38

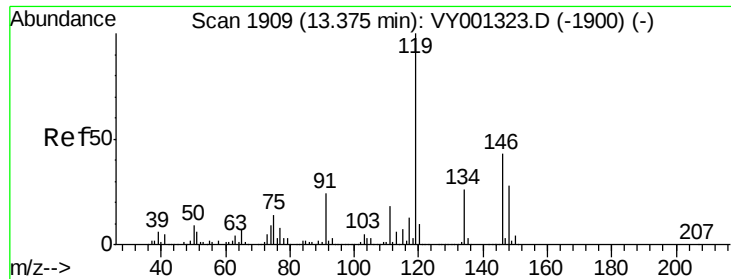
13.30

13.40

13.45

Time-->

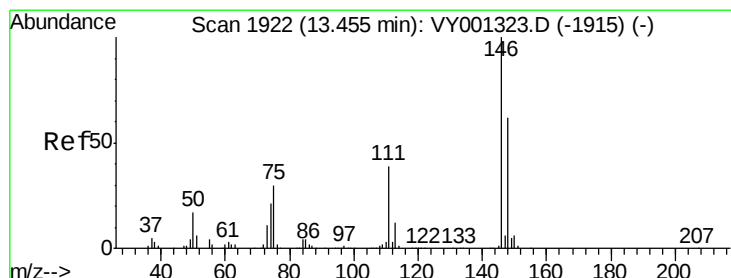
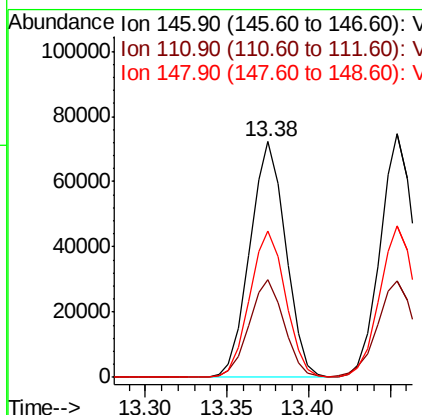
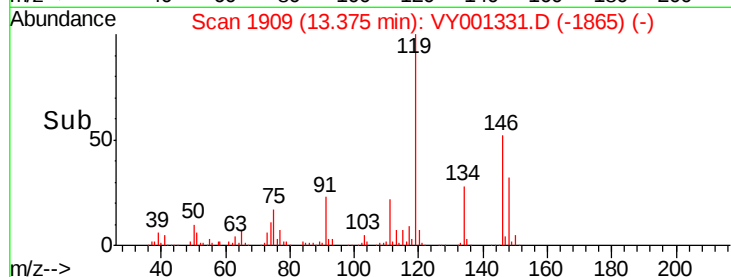
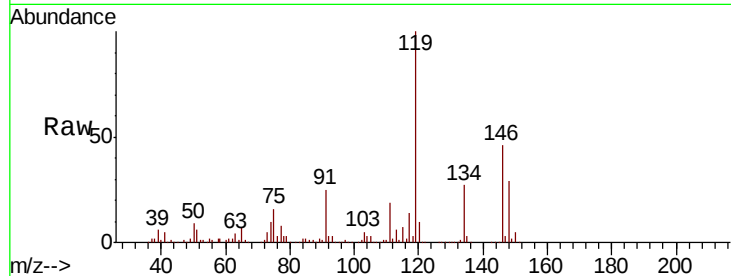




#87
 1,3-Dichlorobenzene
 Concen: 20.669 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.03 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

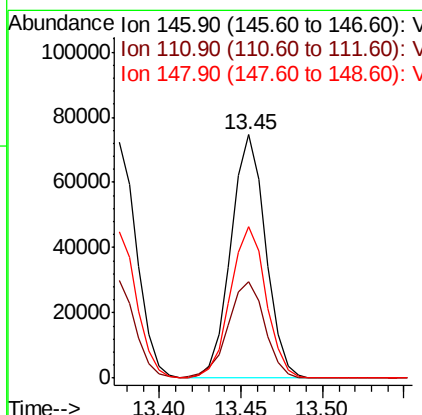
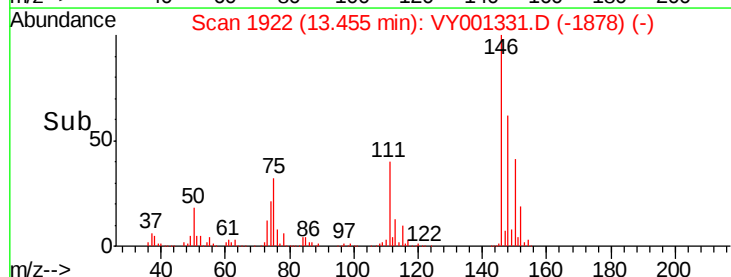
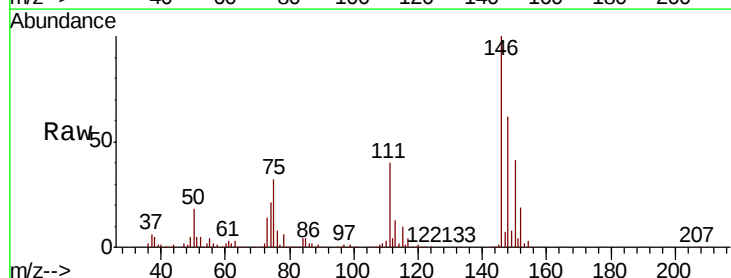
Instrument :
 MSVOA_Y
 ClientSampleId :

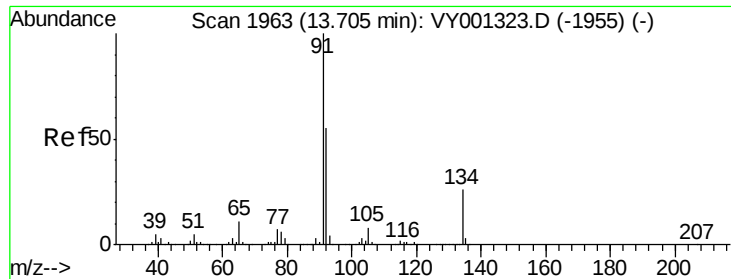
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.8
148	62.0	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 20.310 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.03 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.5	61.5
148	63.9	31.6	95.0

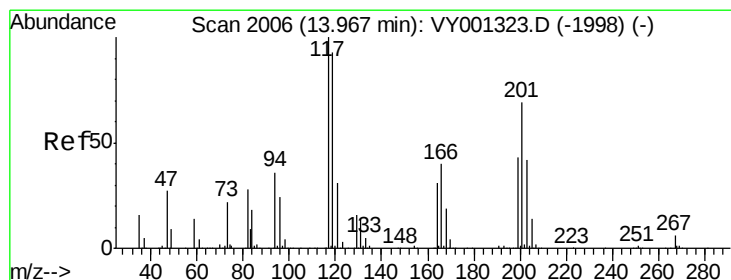
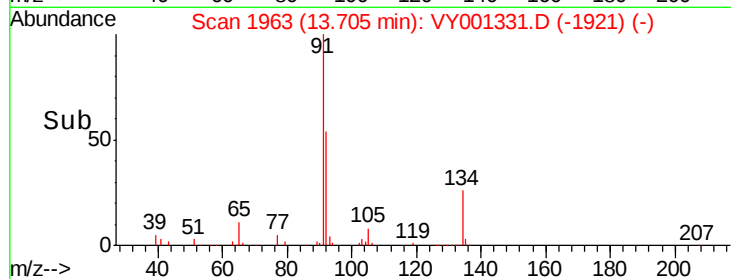
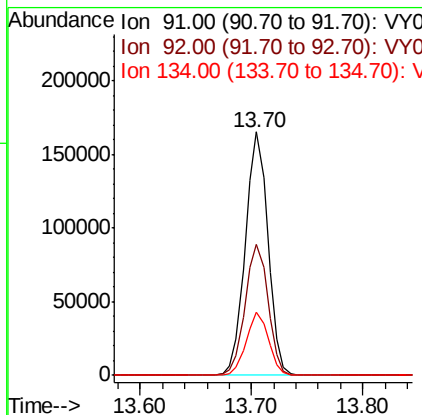
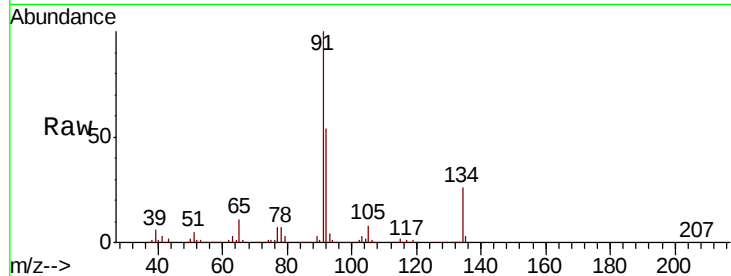




#89
n-Butylbenzene
Concen: 20.946 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

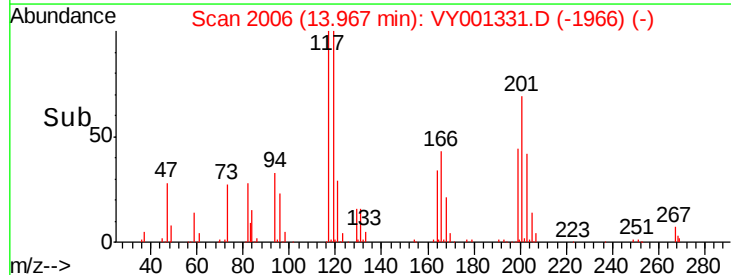
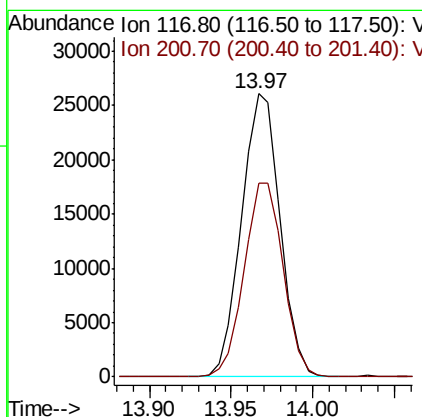
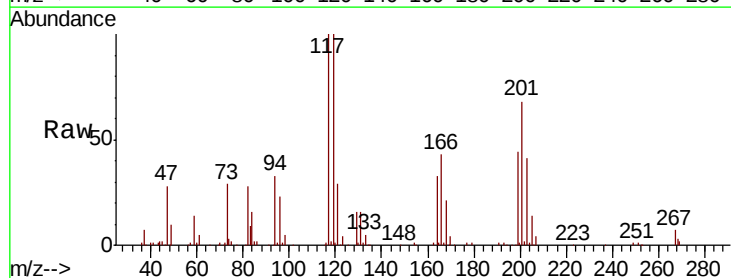
Instrument :
MSVOA_Y
ClientSampled :

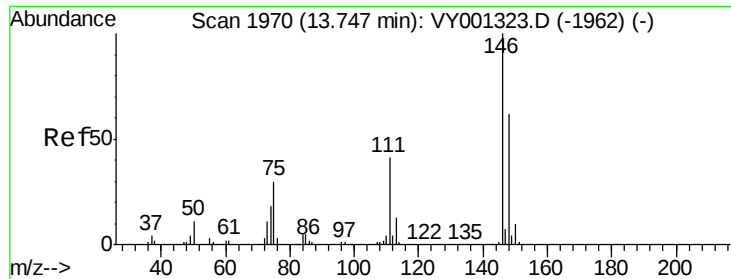
Tot Ion: 91 Resp: 233403
Ion Ratio Lower Upper
91 100
92 54.8 27.6 82.8
134 25.7 12.9 38.6



#90
Hexachloroethane
Concen: 20.413 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.05 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Tgt Ion: 117 Resp: 42841
Ion Ratio Lower Upper
117 100
201 69.3 34.6 103.8

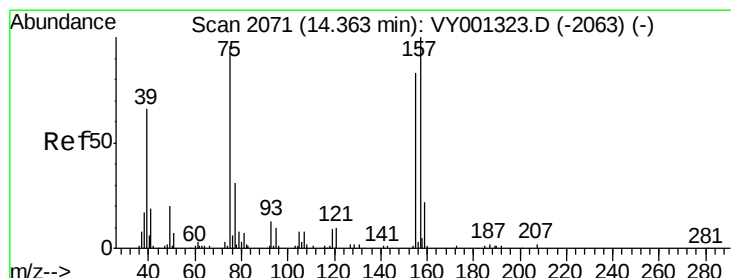
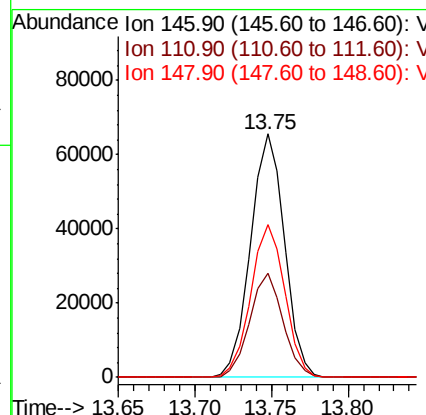
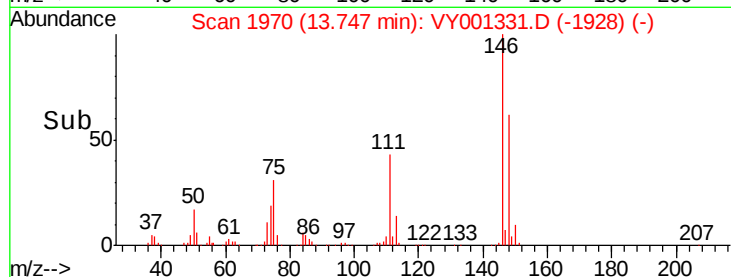
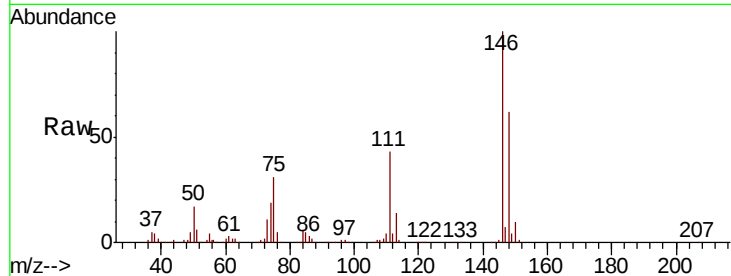




#91
 1,2-Dichlorobenzene
 Concen: 20.394 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.04 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

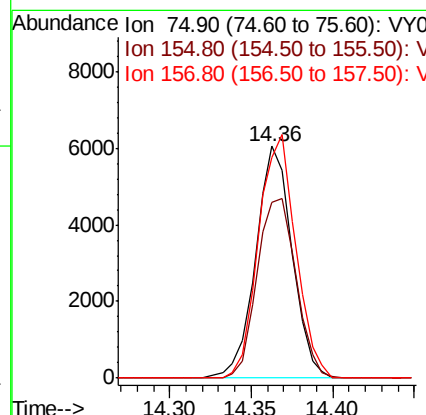
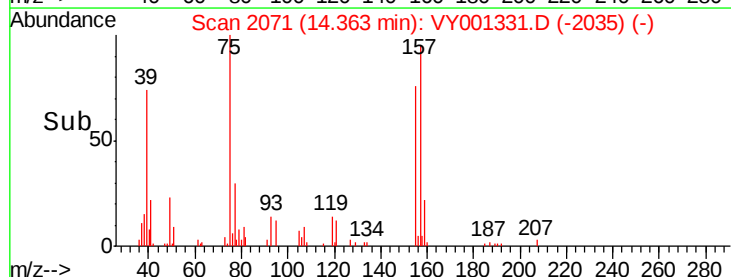
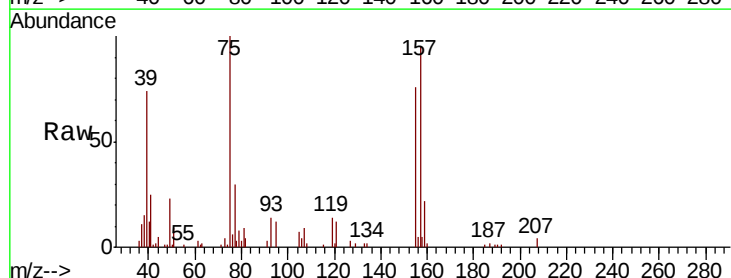
Instrument :
 MSVOA_Y
 ClientSampleId :

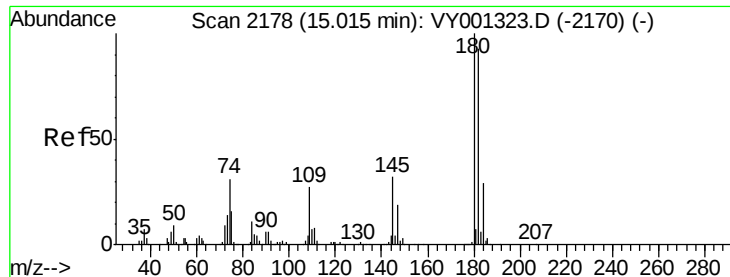
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.4
148	63.1	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.191 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.08 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.7	43.0	129.2
157	106.7	53.3	160.0

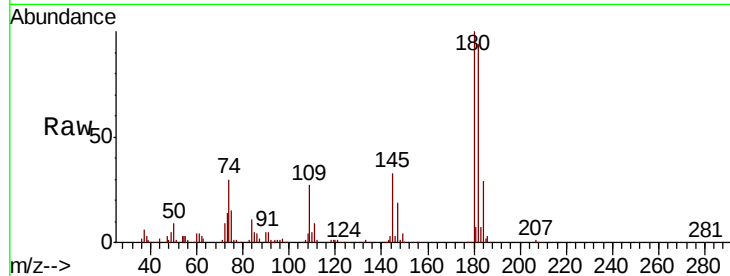




#93
 1,2,4-Trichlorobenzene
 Concen: 20.876 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.15 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.6	142.8
145	30.7	16.3	48.9

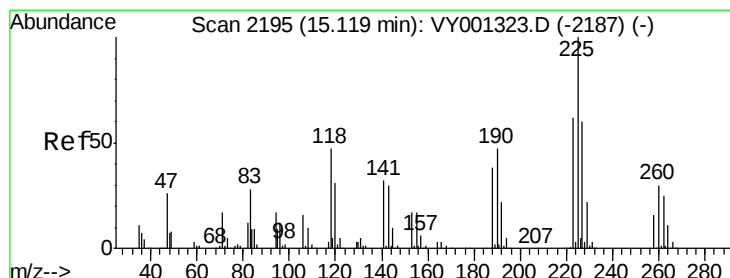
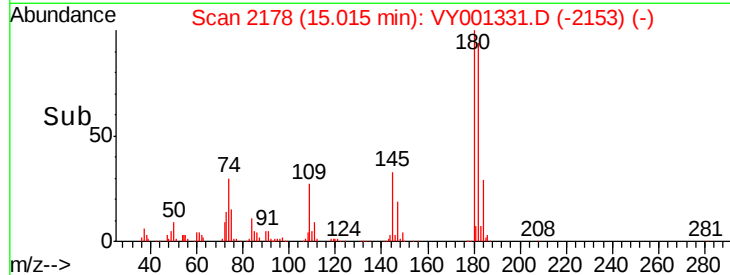
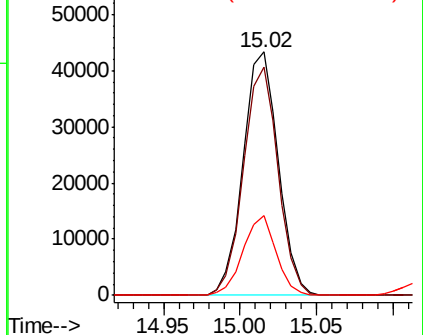


Abundance

Ion 179.80 (179.50 to 180.50): V

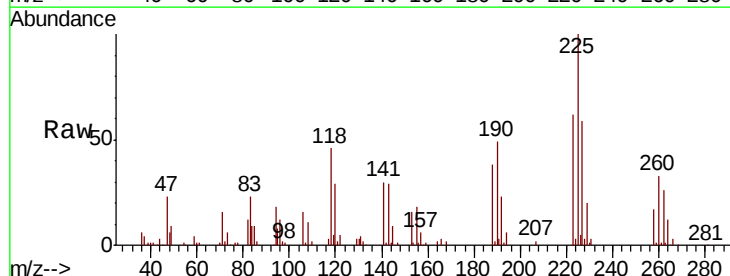
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.885 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.16 min
 Lab File: VY001331.D
 Acq: 22 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.2	93.6
227	64.2	31.0	93.0

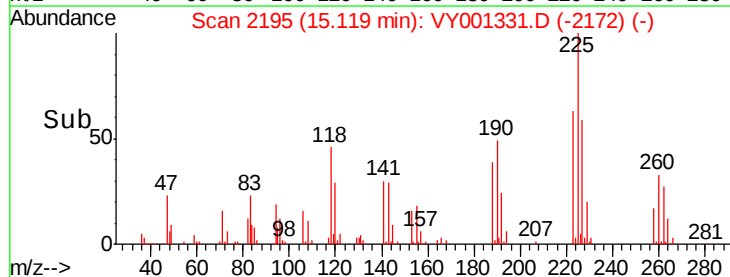
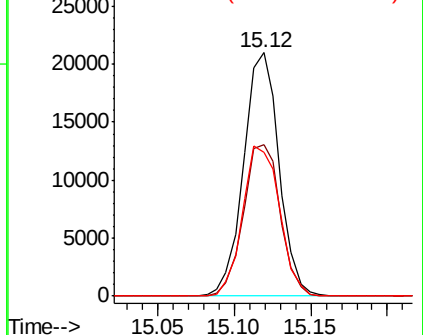


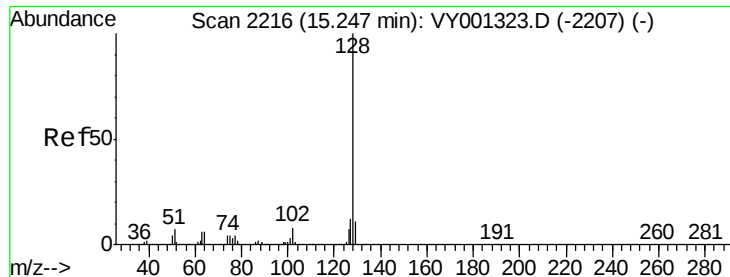
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

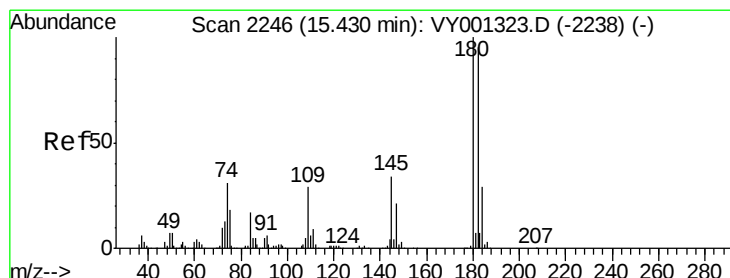
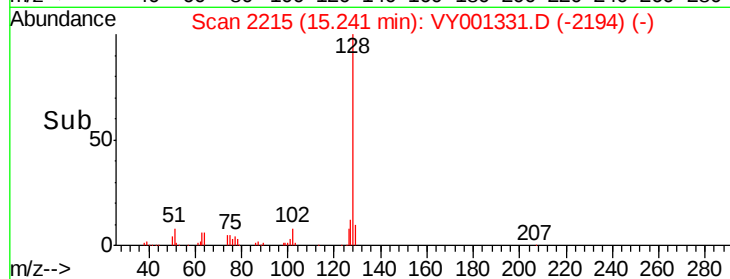
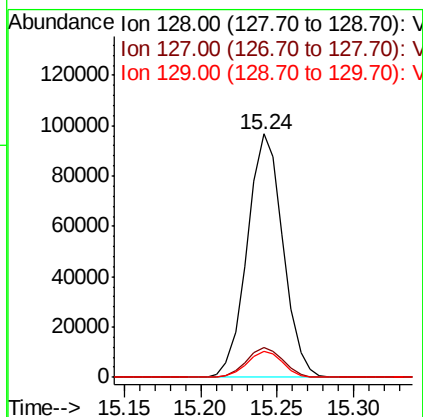
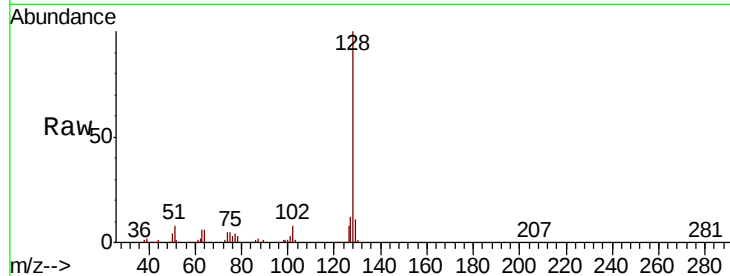




#95
Naphthalene
Concen: 20.679 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.17 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 156915
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.602 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.19 min
Lab File: VY001331.D
Acq: 22 Jan 2020 15:23

Tgt Ion:180 Resp: 59972
Ion Ratio Lower Upper
180 100
182 96.5 47.3 141.8
145 33.2 16.8 50.3

