

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
 Data File : VY001126.D
 Acq On : 30 Dec 2019 16:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 31 05:36:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	334944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	542627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	481657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	229764	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	138493	41.92	ug/l	0.00
Spiked Amount			Recovery	=	83.84%	
35) Dibromofluoromethane	7.72	113	144075	45.09	ug/l	0.00
Spiked Amount			Recovery	=	90.18%	
50) Toluene-d8	10.18	98	600734	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.48	95	209605	45.91	ug/l	0.00
Spiked Amount			Recovery	=	91.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	91993	31.519	ug/l	99
3) Chloromethane	2.12	50	73095	18.401	ug/l	95
4) Vinyl Chloride	2.26	62	81987	21.253	ug/l	97
5) Bromomethane	2.65	94	61545	24.257	ug/l	93
6) Chloroethane	2.79	64	51606	21.479	ug/l	97
7) Trichlorofluoromethane	3.13	101	201540	35.620	ug/l	99
8) Diethyl Ether	3.54	74	56909	24.640	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	3.90	101	109003	29.328	ug/l #	89
10) Methyl Iodide	4.09	142	164050	31.947	ug/l	92
11) Tert butyl alcohol	4.96	59	39349	108.331	ug/l	99
12) 1,1-Dichloroethene	3.88	96	99416	26.420	ug/l	95
13) Acrolein	3.73	56	45554	101.220	ug/l	99
14) Allyl chloride	4.49	41	117306	20.068	ug/l #	81
15) Acrylonitrile	5.17	53	111825	96.877	ug/l	96
16) Acetone	3.95	43	85417	112.238	ug/l	90
17) Carbon Disulfide	4.20	76	230023	18.707	ug/l #	93
18) Methyl Acetate	4.48	43	51427	17.614	ug/l	90
19) Methyl tert-butyl Ether	5.22	73	277316	28.554	ug/l	91
20) Methylene Chloride	4.72	84	115257	25.730	ug/l #	85
21) trans-1,2-Dichloroethene	5.22	96	115659	27.735	ug/l #	94
22) Diisopropyl ether	6.13	45	271089	22.944	ug/l #	91
23) Vinyl Acetate	6.07	43	816073	109.365	ug/l #	91
24) 1,1-Dichloroethane	6.03	63	182048	26.073	ug/l	97
25) 2-Butanone	6.99	43	133399	99.779	ug/l #	89
26) 2,2-Dichloropropane	6.99	77	194994	33.991	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	145568	31.773	ug/l	92
28) Bromochloromethane	7.34	49	70238	25.782	ug/l #	57
29) Tetrahydrofuran	7.35	42	90352	95.007	ug/l #	81
30) Chloroform	7.52	83	251183	38.044	ug/l	98
31) Cyclohexane	7.79	56	196526	26.767	ug/l #	80
32) 1,1,1-Trichloroethane	7.71	97	258024	45.813	ug/l	96
36) 1,1-Dichloropropene	7.93	75	205748	39.746	ug/l	94
37) Ethyl Acetate	7.08	43	63789	22.254	ug/l #	97
38) Carbon Tetrachloride	7.91	117	238919	52.678	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	264485	38.474	ug/l	91
40) Benzene	8.16	78	638430	40.880	ug/l	99
41) Methacrylonitrile	7.35	41	85240	68.592	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	167060	44.743	ug/l	99
43) Isopropyl Acetate	8.28	43	161541	30.444	ug/l #	92
44) Trichloroethene	8.94	130	195674	47.554	ug/l	94
45) 1,2-Dichloropropane	9.22	63	147384	37.619	ug/l	98
46) Dibromomethane	9.31	93	87681	43.415	ug/l	90
47) Bromodichloromethane	9.50	83	216276	46.232	ug/l	98
48) Methyl methacrylate	9.29	41	71454	31.557	ug/l	84
49) 1,4-Dioxane	9.30	88	23025	779.366	ug/l #	86
51) 4-Methyl-2-Pentanone	10.07	43	401338	145.118	ug/l	94
52) Toluene	10.24	92	426792	44.401	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	222110	43.748	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	253903	41.590	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	132473	43.938	ug/l	88
56) Ethyl methacrylate	10.51	69	165971	38.678	ug/l	93
57) 1,3-Dichloropropane	10.79	76	220762	41.773	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	279701	168.761	ug/l	90
59) 2-Hexanone	10.83	43	290915	152.022	ug/l	95
60) Dibromochloromethane	10.99	129	166195	51.604	ug/l	99
61) 1,2-Dibromoethane	11.09	107	130664	45.320	ug/l	99
64) Tetrachloroethene	10.72	164	207014	49.674	ug/l	98
65) Chlorobenzene	11.52	112	478967	47.940	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	176754	53.609	ug/l	98
67) Ethyl Benzene	11.59	91	858082	47.749	ug/l	99
68) m/p-Xylenes	11.70	106	694281	101.750	ug/l	99
69) o-Xylene	12.03	106	337585	52.590	ug/l	100
70) Styrene	12.04	104	552301	50.600	ug/l	100
71) Bromoform	12.20	173	96879	52.770	ug/l #	98
73) Isopropylbenzene	12.33	105	850629	47.841	ug/l	98
74) N-amyl acetate	12.14	43	157353	33.687	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.58	83	135923	38.805	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	190878	67.388	ug/l #	100
77) Bromobenzene	12.61	156	200355	50.103	ug/l	87
78) n-propylbenzene	12.67	91	1003781	46.332	ug/l	97
79) 2-Chlorotoluene	12.75	91	572417	47.843	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	775089	53.182	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	52722	39.697	ug/l	98
82) 4-Chlorotoluene	12.85	91	574470	46.227	ug/l	97
83) tert-Butylbenzene	13.07	119	615346	50.297	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	897145	61.257	ug/l	100
85) sec-Butylbenzene	13.25	105	866288	48.031	ug/l	98
86) p-Isopropyltoluene	13.37	119	783580	50.209	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	383947	49.992	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	382186	49.330	ug/l	99
89) n-Butylbenzene	13.69	91	747264	47.591	ug/l	96
90) Hexachloroethane	13.96	117	146694	49.891	ug/l	91
91) 1,2-Dichlorobenzene	13.73	146	344020	48.559	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23526	40.145	ug/l	93

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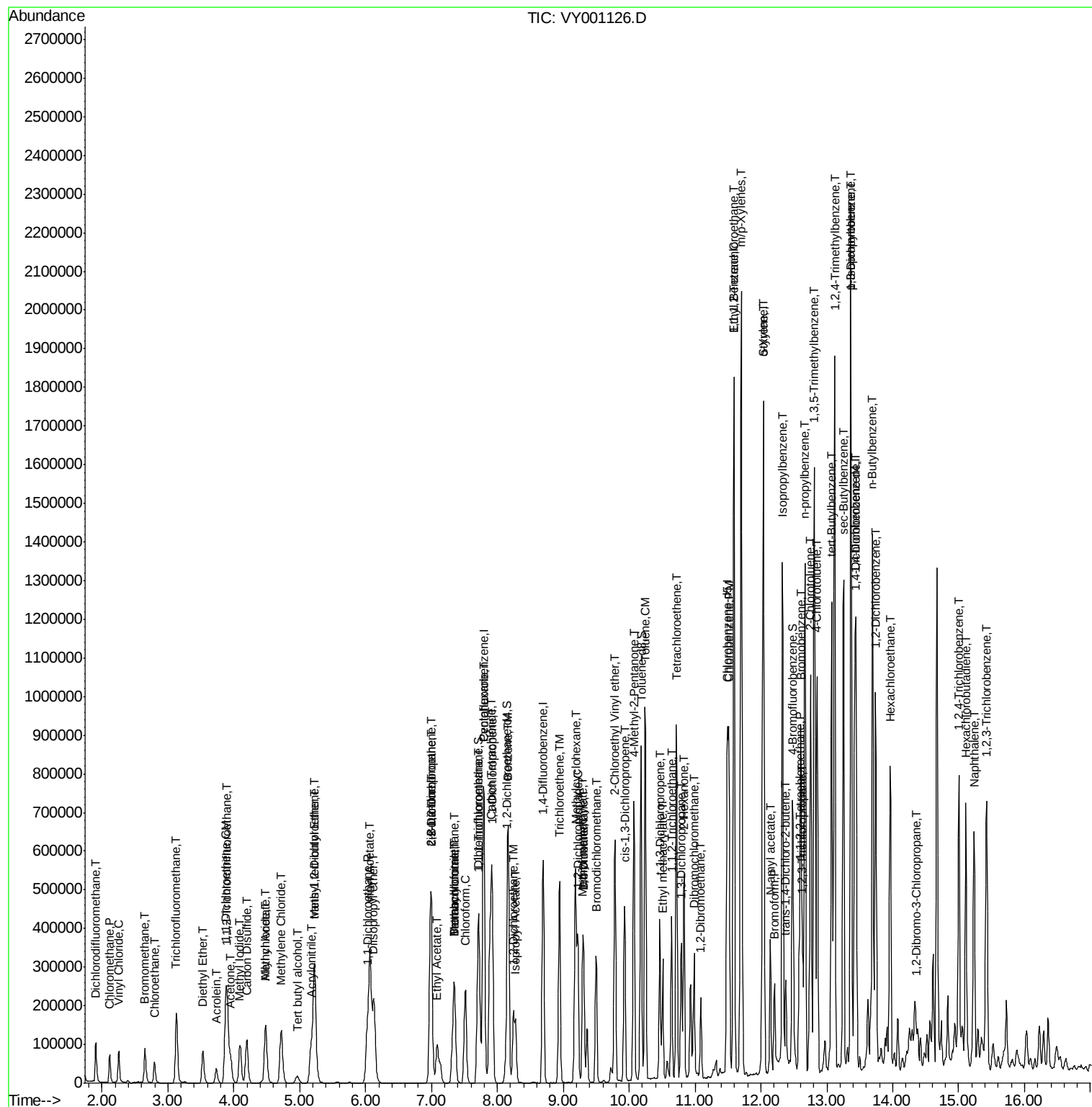
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	231012	48.310	ug/l	97
94) Hexachlorobutadiene	15.11	225	119329	52.440	ug/l	99
95) Naphthalene	15.23	128	512684	45.589	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	200484	47.013	ug/l	97

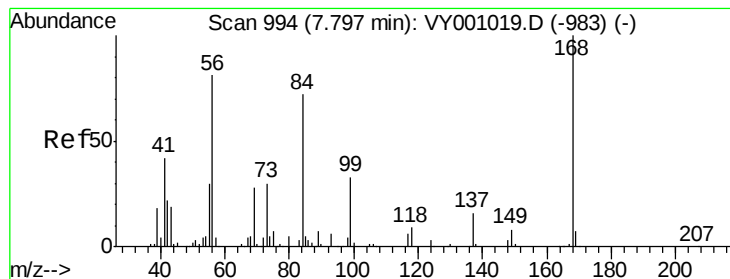
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

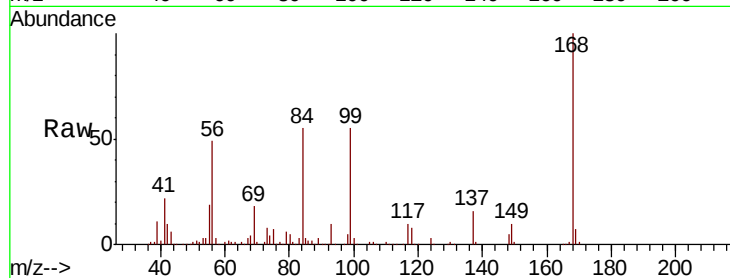
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 334944

Ion Ratio Lower Upper

168 100

99 55.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

150000

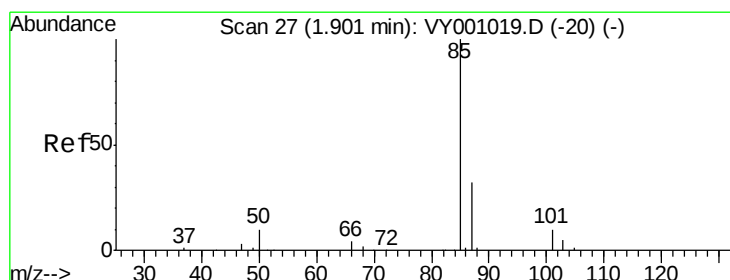
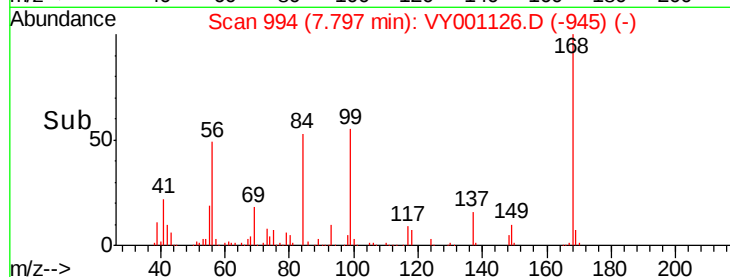
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 31.519 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY001126.D

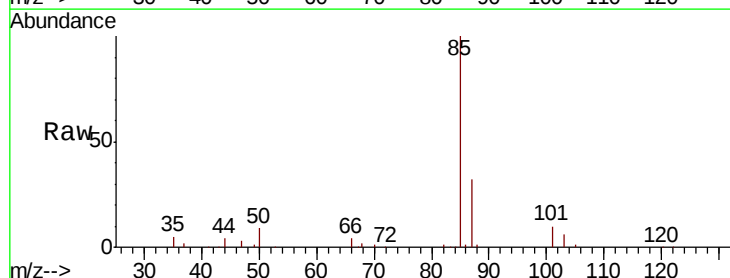
Acq: 30 Dec 2019 16:48

Tgt Ion: 85 Resp: 91993

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001019.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY001019.D (-20) (-)

1.91

60000

50000

40000

30000

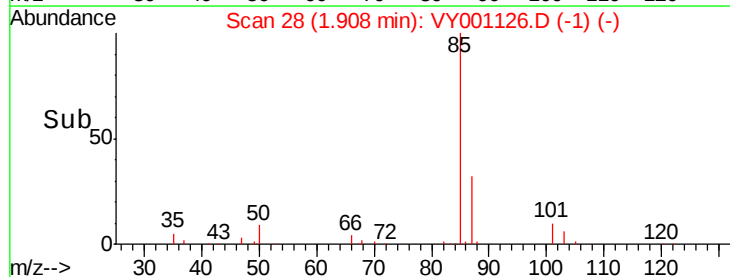
20000

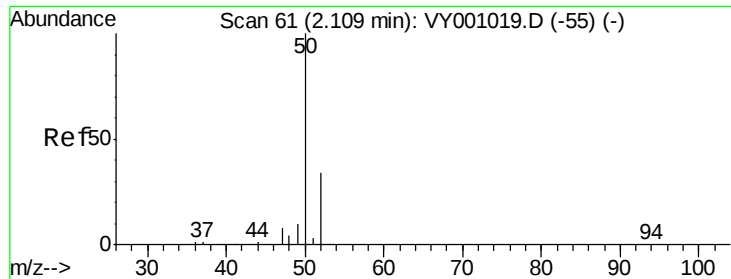
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.401 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

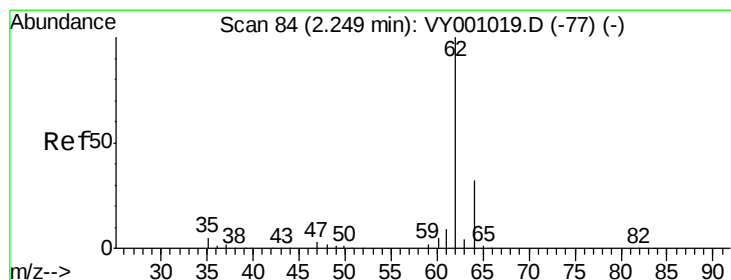
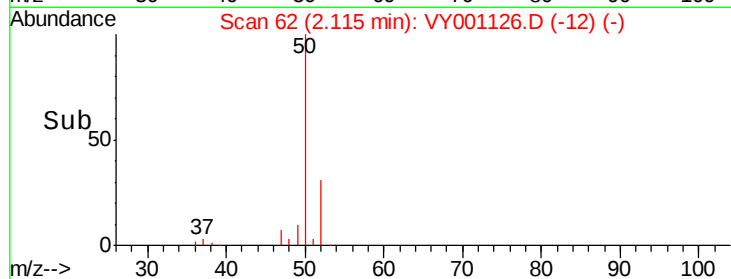
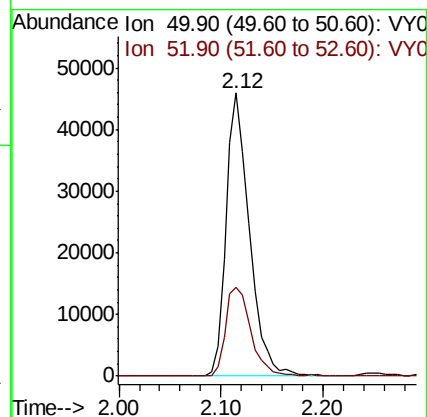
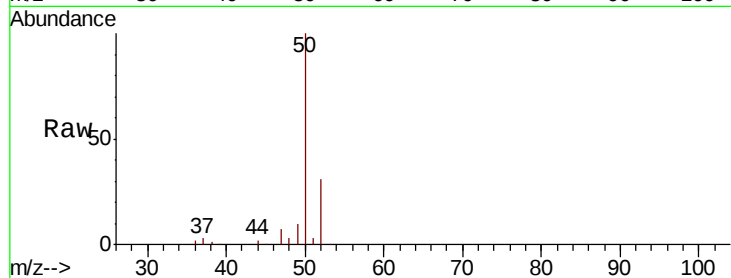
ClientSampled :

Tot Ion: 50 Resp: 73095

Ion Ratio Lower Upper

50 100

52 31.2 27.1 40.7



#4

Vinyl Chloride

Concen: 21.253 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001126.D

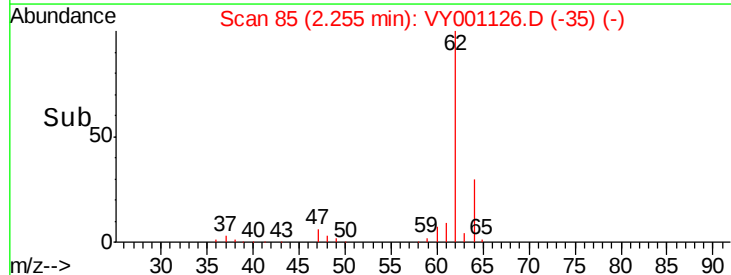
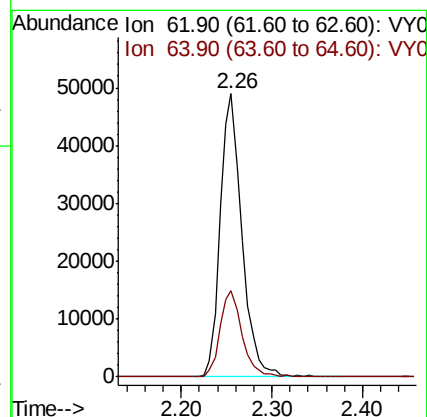
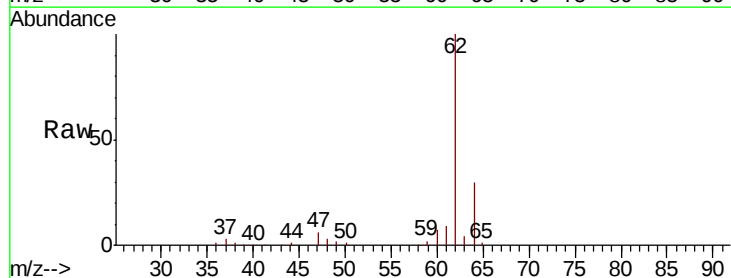
Acq: 30 Dec 2019 16:48

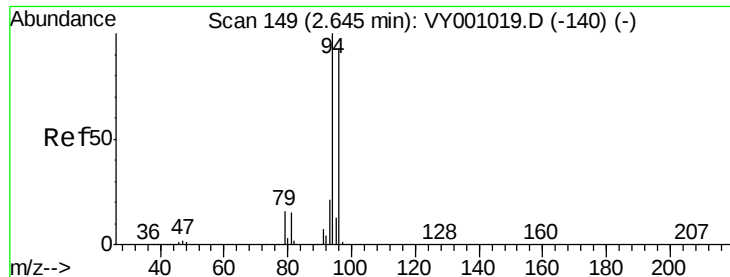
Tgt Ion: 62 Resp: 81987

Ion Ratio Lower Upper

62 100

64 30.5 25.6 38.4





#5

Bromomethane

Concen: 24.257 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

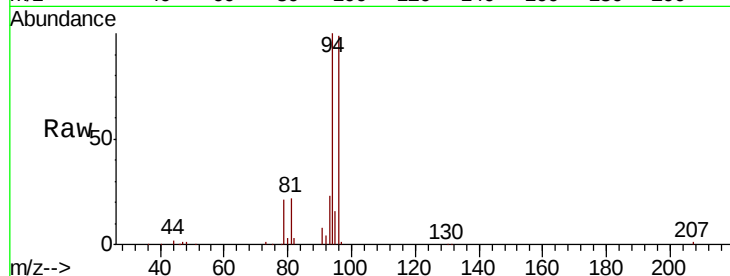
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 61545

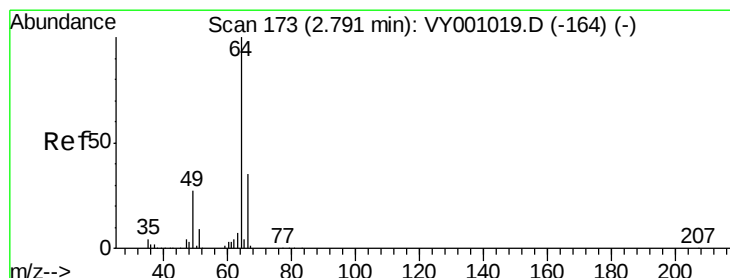
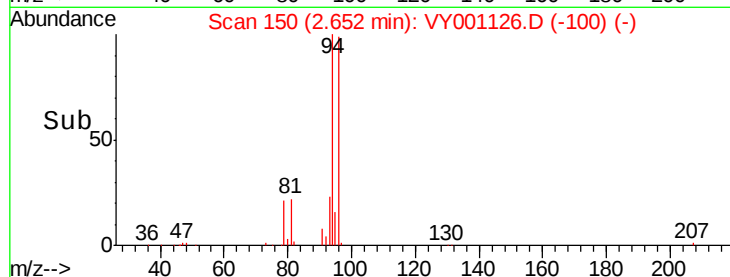
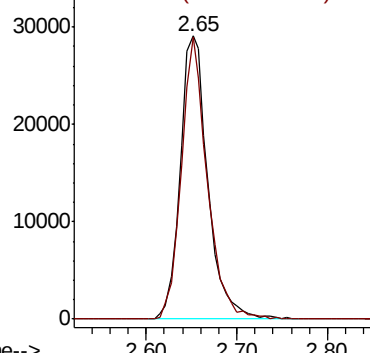
Ion Ratio Lower Upper

94 100

96 99.4 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.479 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001126.D

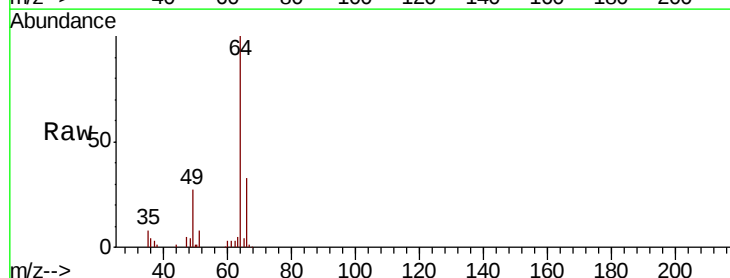
Acq: 30 Dec 2019 16:48

Tgt Ion: 64 Resp: 51606

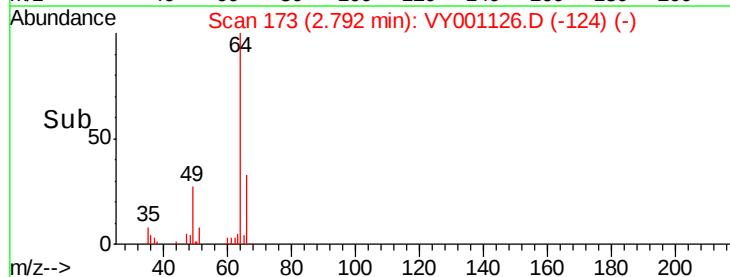
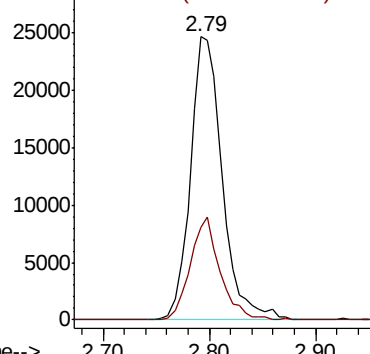
Ion Ratio Lower Upper

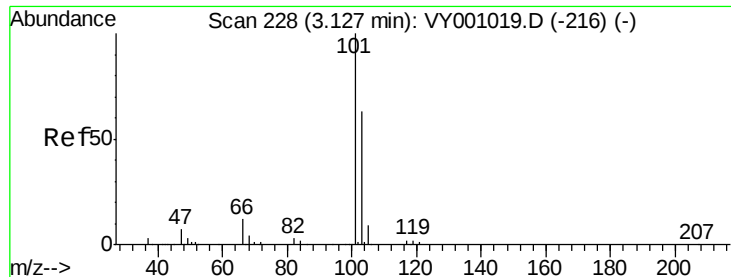
64 100

66 32.9 27.8 41.6



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



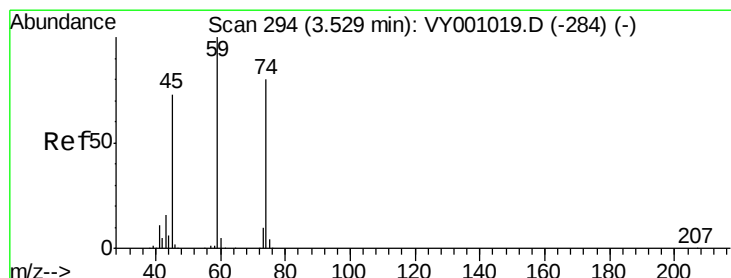
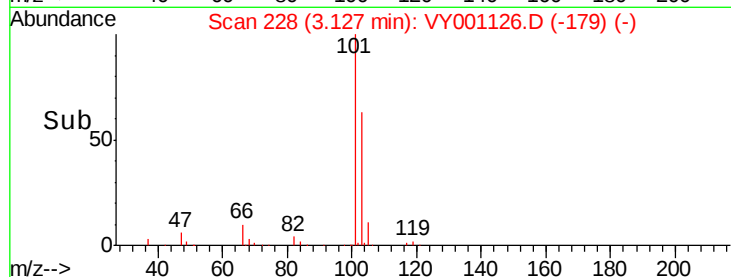
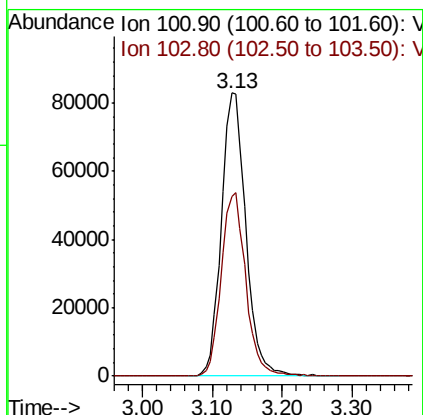
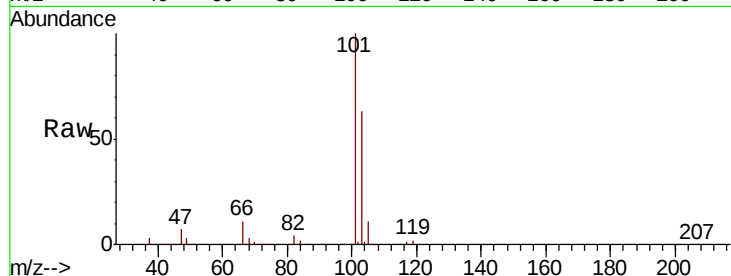


#7

Trichlorofluoromethane
 Concen: 35.620 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY001126.D
 Acq: 30 Dec 2019 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :

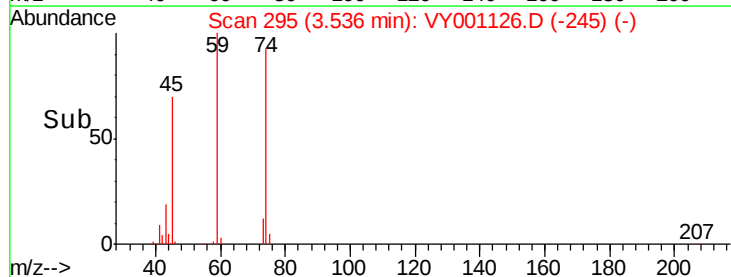
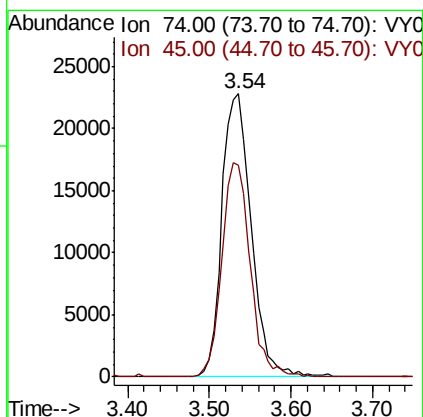
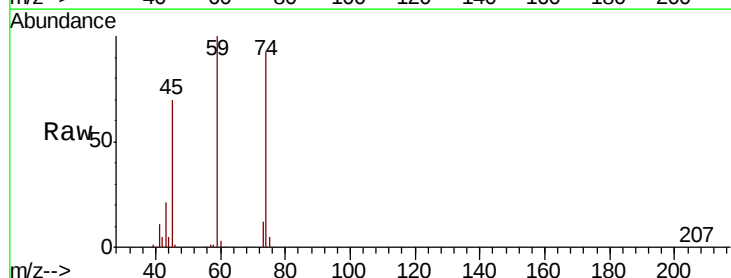
Tot Ion:101 Resp: 201540
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.2 75.2

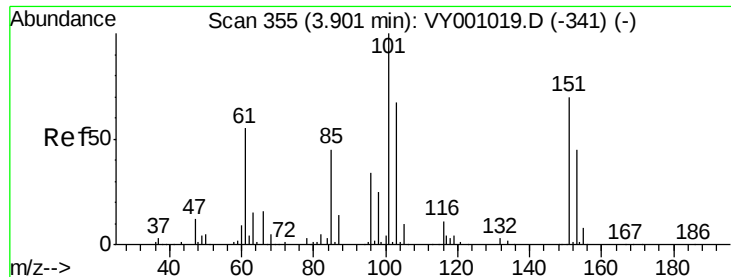


#8

Diethyl Ether
 Concen: 24.640 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY001126.D
 Acq: 30 Dec 2019 16:48

Tgt Ion: 74 Resp: 56909
 Ion Ratio Lower Upper
 74 100
 45 72.8 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 29.328 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

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ClientSampleId :

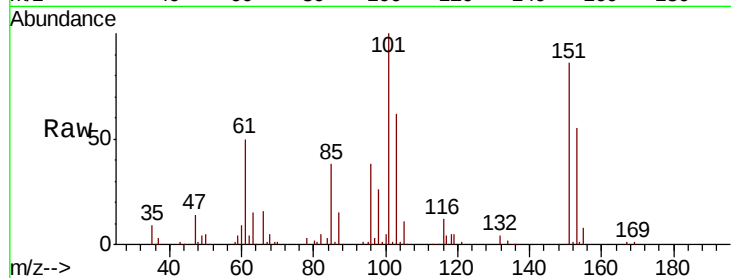
Tot Ion:101 Resp: 109003

Ion Ratio Lower Upper

101 100

85 43.7 34.2 51.2

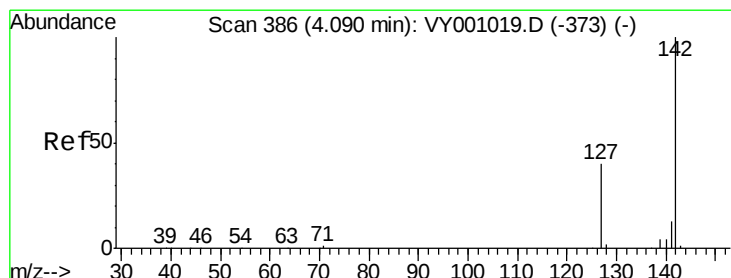
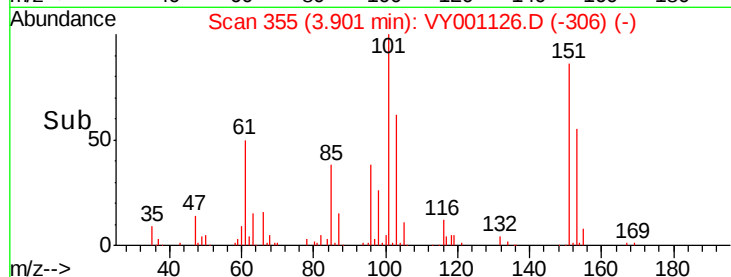
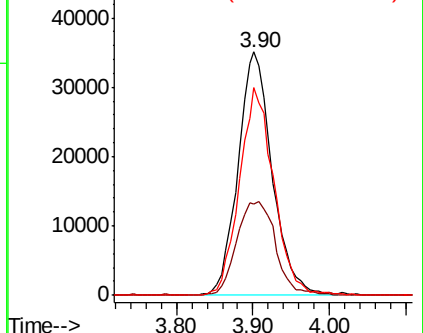
151 85.7 57.0 85.6#



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: 31.947 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

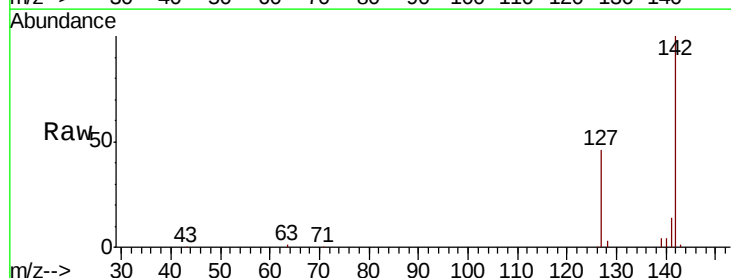
Tgt Ion:142 Resp: 164050

Ion Ratio Lower Upper

142 100

127 45.8 31.2 46.8

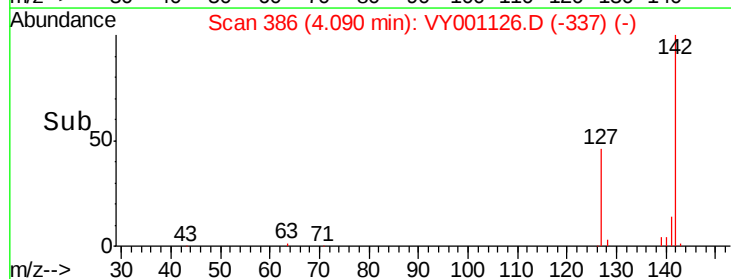
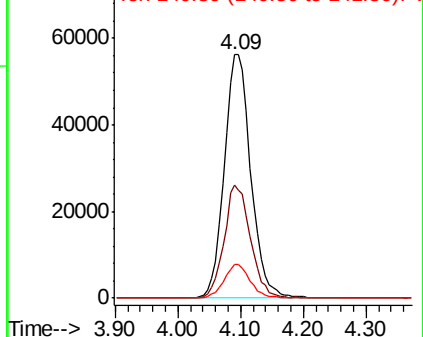
141 13.6 11.0 16.4

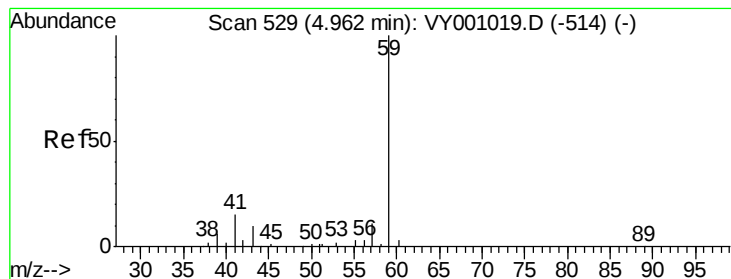


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 108.331 ug/l

RT: 4.96 min Scan# 529

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

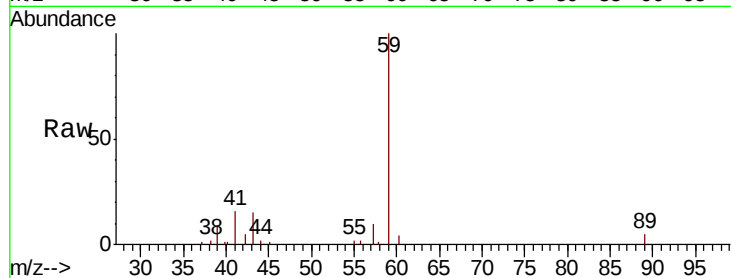
ClientSampled :

Tot Ion: 59 Resp: 39349

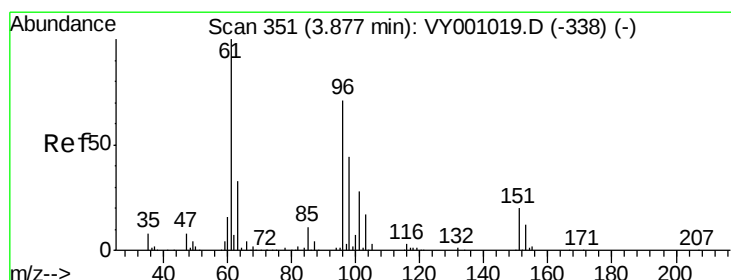
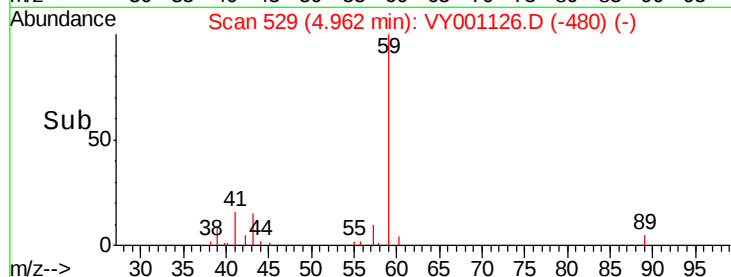
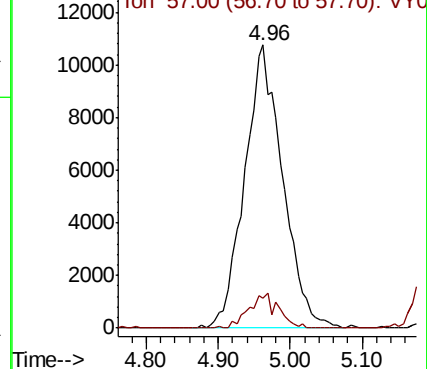
Ion Ratio Lower Upper

59 100

57 9.4 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VY001126.D (-480) (-)



#12

1,1-Dichloroethene

Concen: 26.420 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

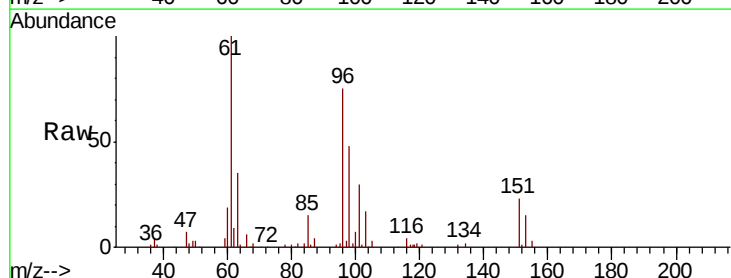
Tgt Ion: 96 Resp: 99416

Ion Ratio Lower Upper

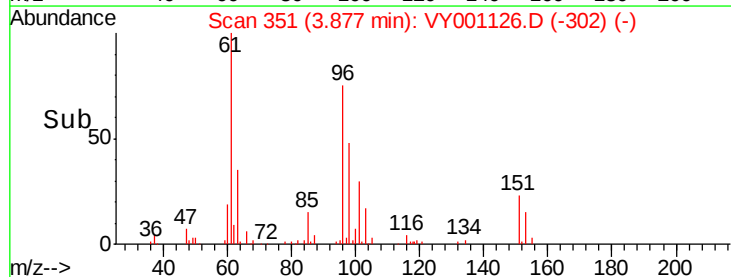
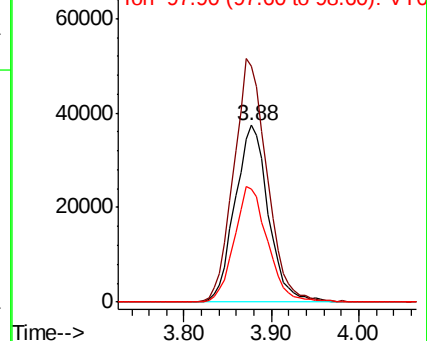
96 100

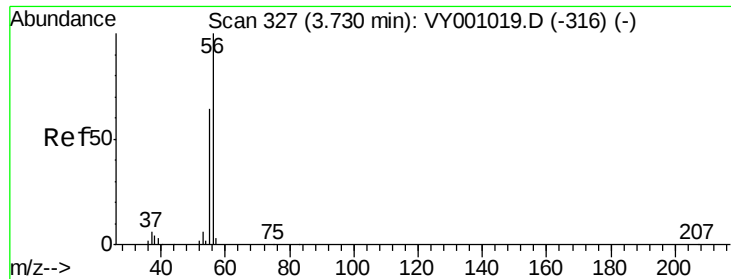
61 133.8 113.0 169.4

98 63.9 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY001126.D (-302) (-)





#13

Acrolein

Concen: 101.220 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

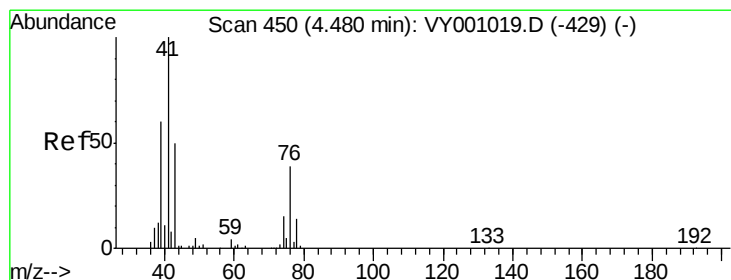
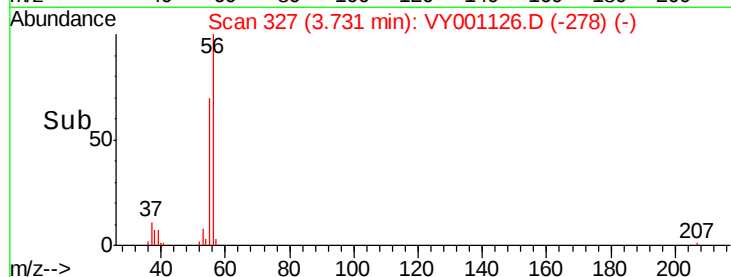
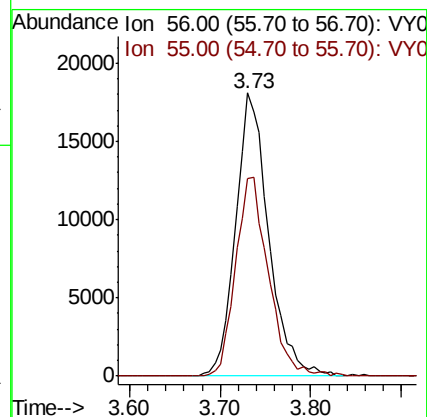
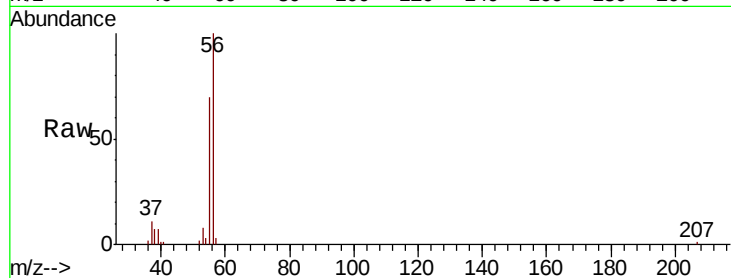
ClientSampled :

Tot Ion: 56 Resp: 45554

Ion Ratio Lower Upper

56 100

55 69.9 55.6 83.4



#14

Allyl chloride

Concen: 20.068 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

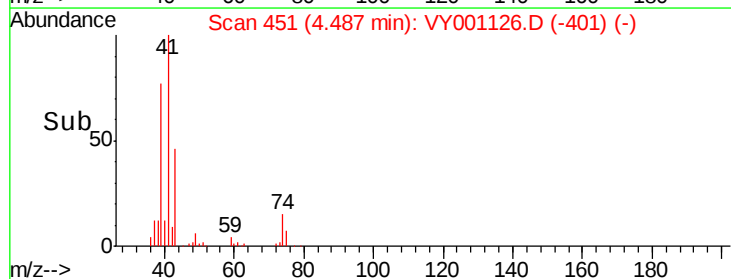
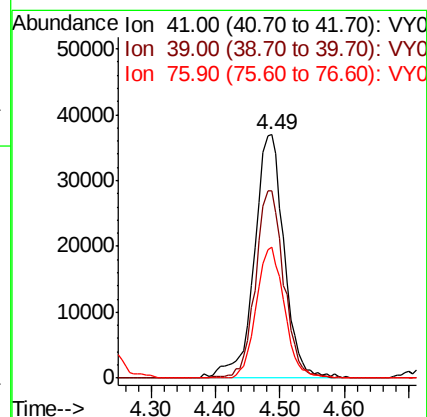
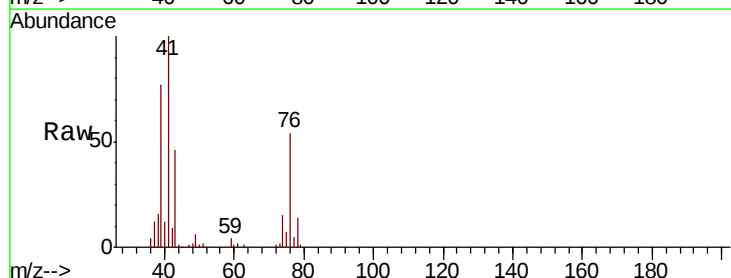
Tgt Ion: 41 Resp: 117306

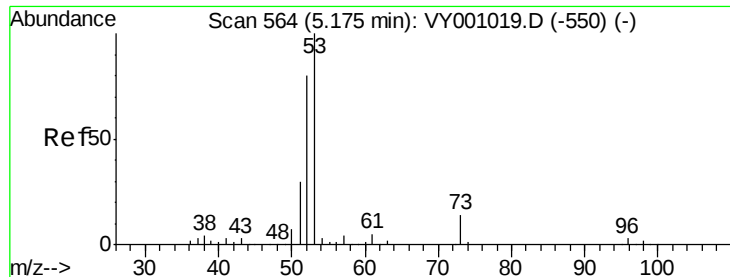
Ion Ratio Lower Upper

41 100

39 73.3 46.0 69.0#

76 50.8 32.6 48.8#





#15

Acrylonitrile

Concen: 96.877 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

ClientSampleId :

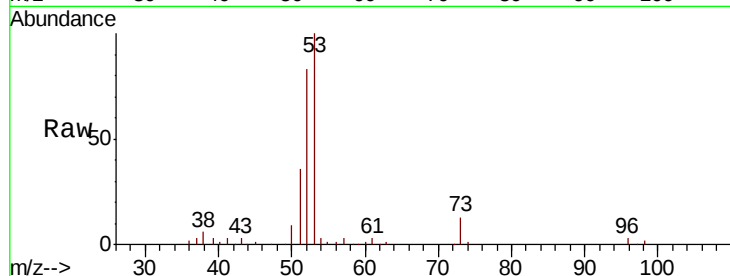
Tot Ion: 53 Resp: 111825

Ion Ratio Lower Upper

53 100

52 82.3 63.6 95.4

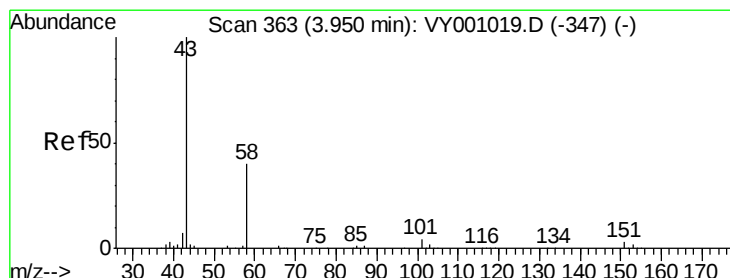
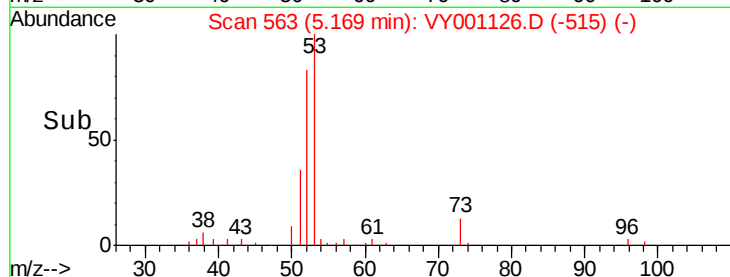
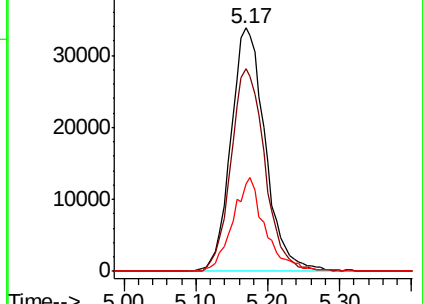
51 36.7 26.7 40.1



Abundance Ion 53.00 (52.70 to 53.70): VY001019.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY001019.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY001019.D (-550) (-)



#16

Acetone

Concen: 112.238 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY001126.D

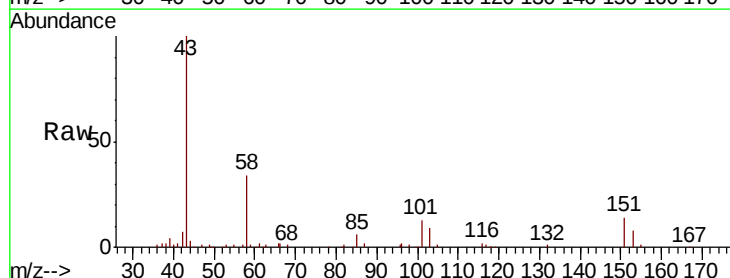
Acq: 30 Dec 2019 16:48

Tgt Ion: 43 Resp: 85417

Ion Ratio Lower Upper

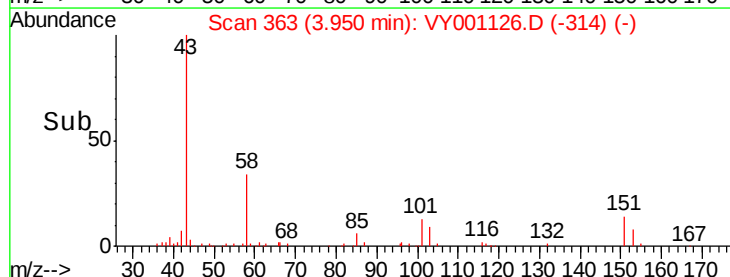
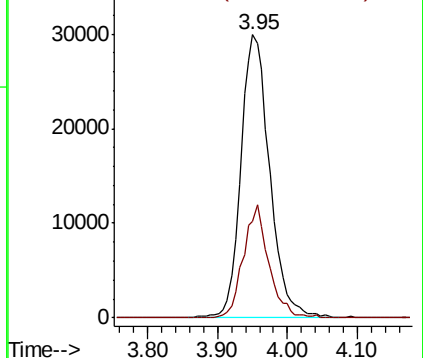
43 100

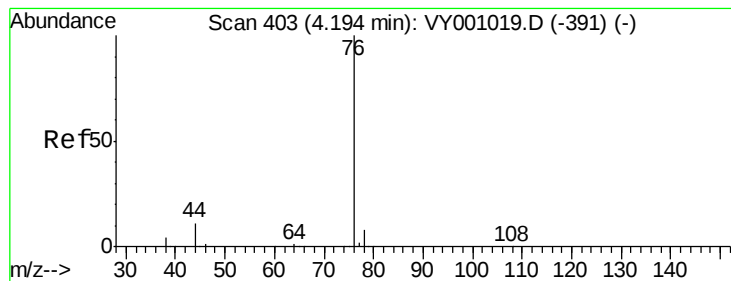
58 33.9 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-347) (-)





#17

Carbon Disulfide

Concen: 18.707 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

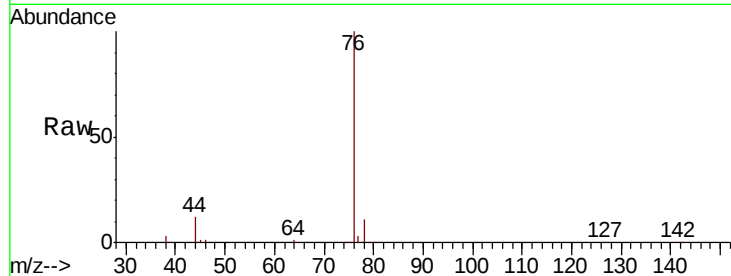
ClientSampleId :

Tot Ion: 76 Resp: 230023

Ion Ratio Lower Upper

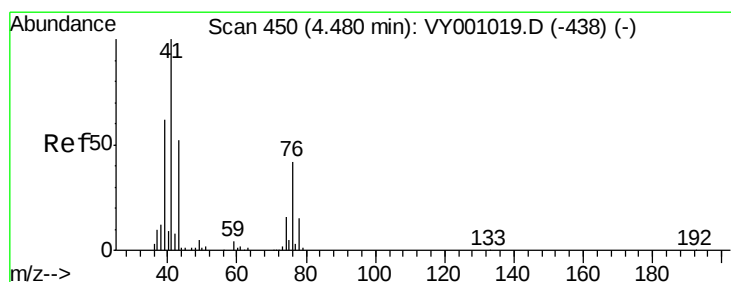
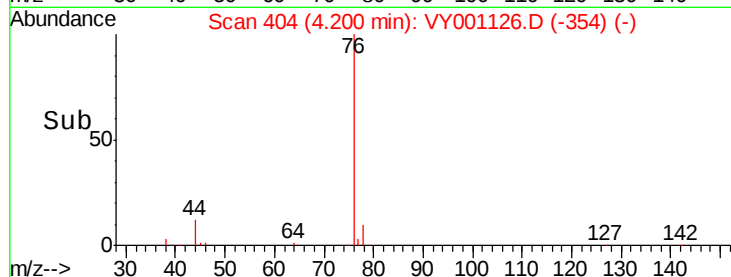
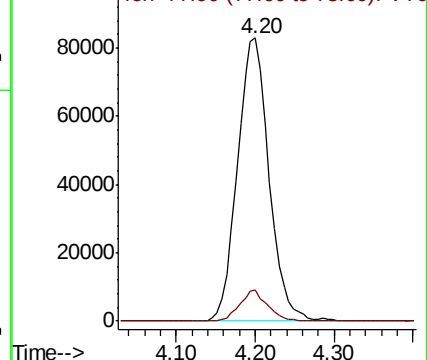
76 100

78 10.8 6.7 10.1#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 17.614 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY001126.D

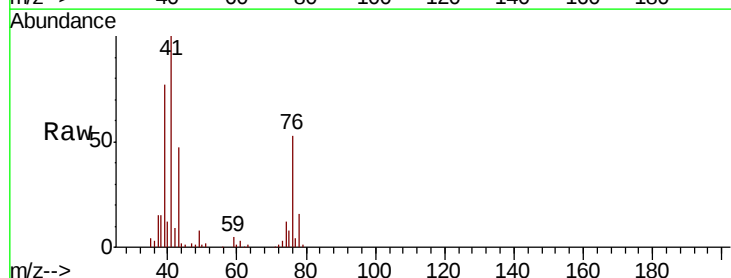
Acq: 30 Dec 2019 16:48

Tgt Ion: 43 Resp: 51427

Ion Ratio Lower Upper

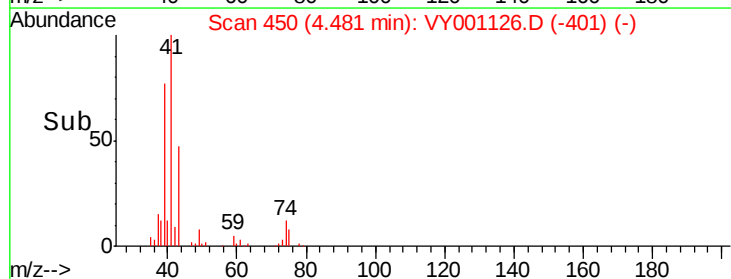
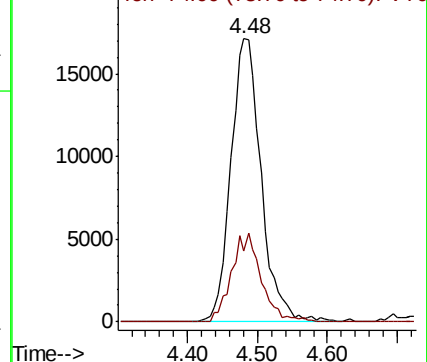
43 100

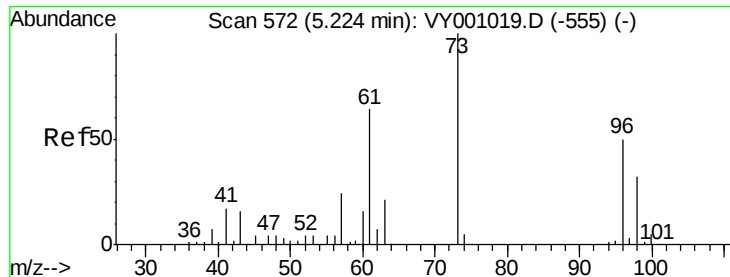
74 30.8 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

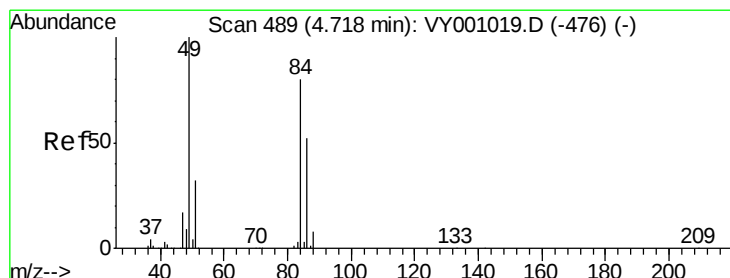
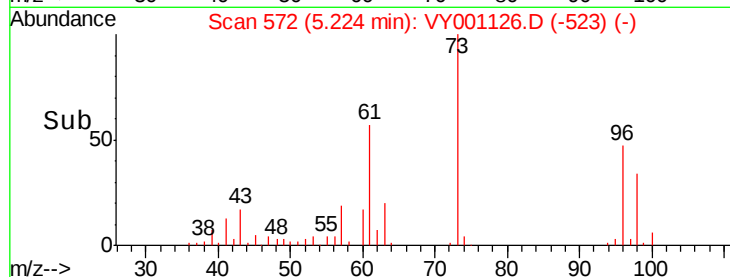
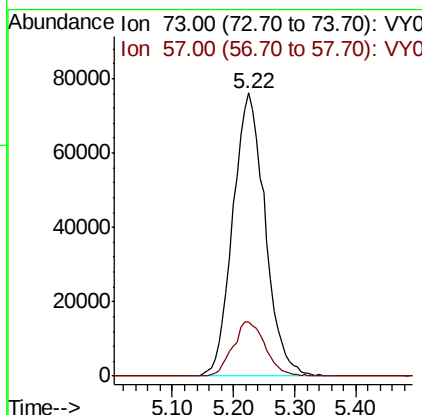
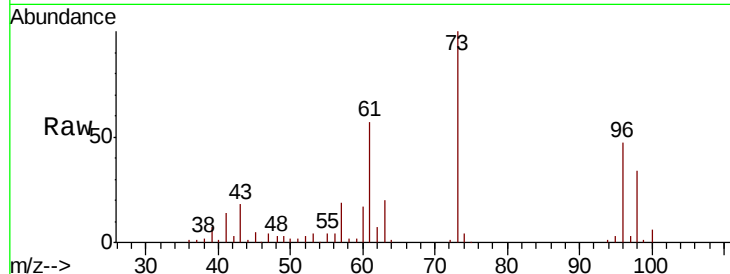




#19
Methvl tert-butvl Ether
Concen: 28.554 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

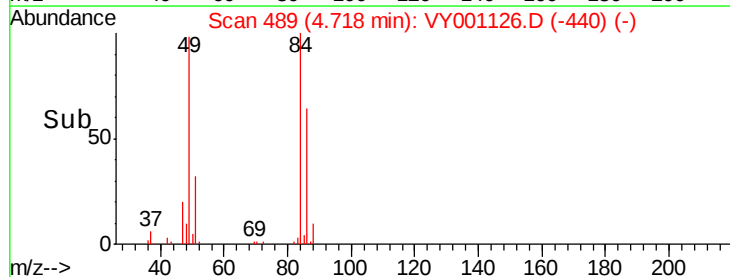
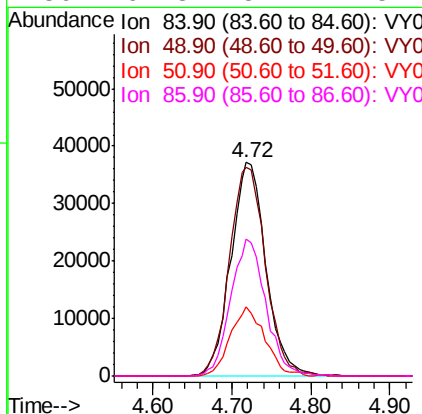
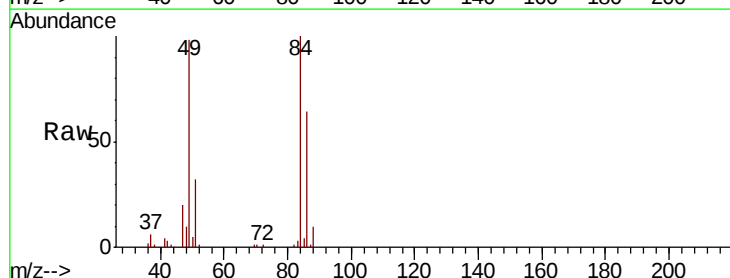
Instrument :
MSVOA_Y
ClientSampleId :

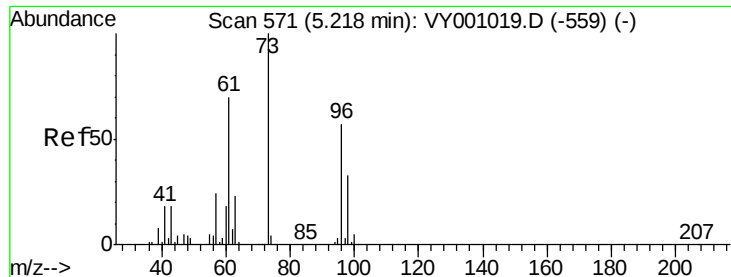
Tot Ion: 73 Resp: 277316
Ion Ratio Lower Upper
73 100
57 19.3 19.0 28.6



#20
Methylene Chloride
Concen: 25.730 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion: 84 Resp: 115257
Ion Ratio Lower Upper
84 100
49 97.7 99.8 149.6#
51 32.1 31.4 47.2
86 64.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 27.735 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

ClientSampleId :

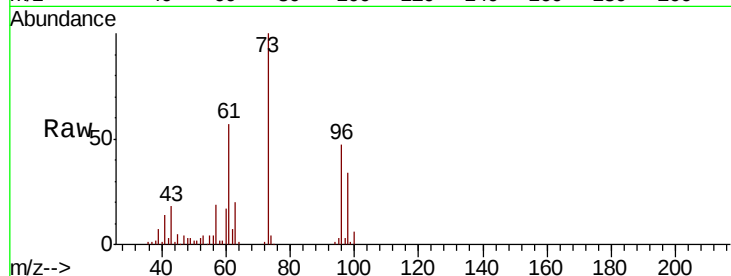
Tot Ion: 96 Resp: 115659

Ion Ratio Lower Upper

96 100

61 120.9 98.1 147.1

98 71.2 47.2 70.8#

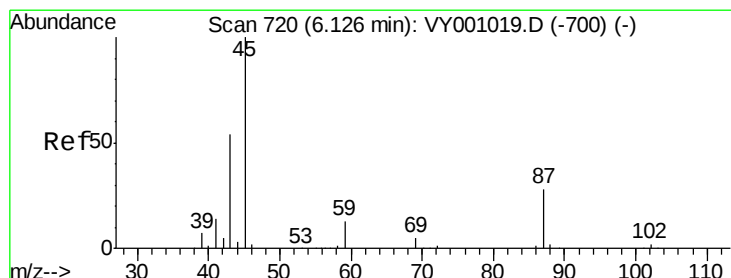
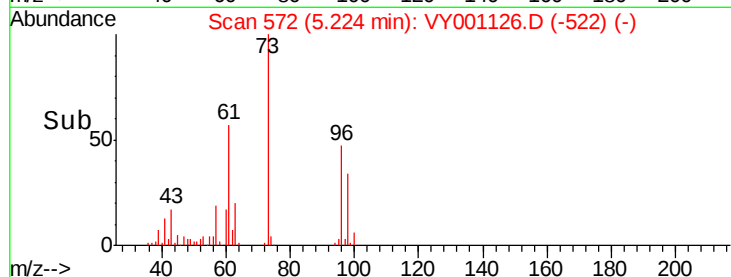
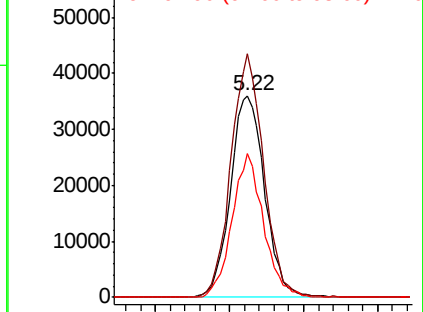


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.944 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Tgt Ion: 45 Resp: 271089

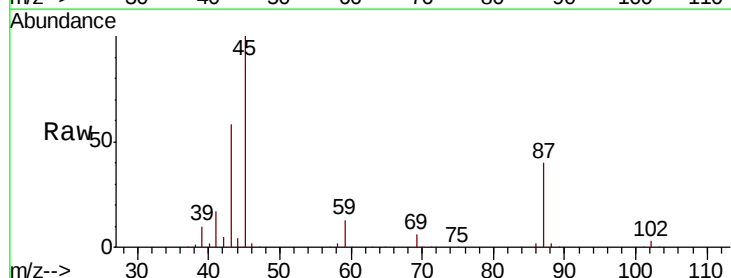
Ion Ratio Lower Upper

45 100

43 58.3 43.6 65.4

87 39.7 23.1 34.7#

59 12.9 10.2 15.4



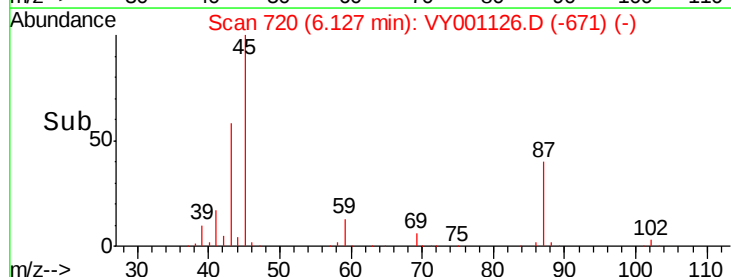
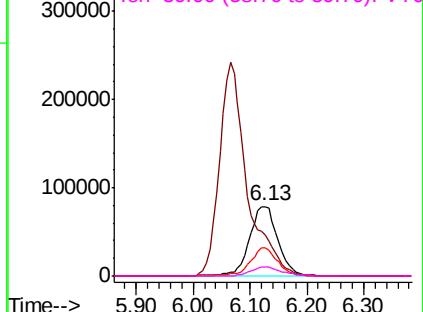
Abundance

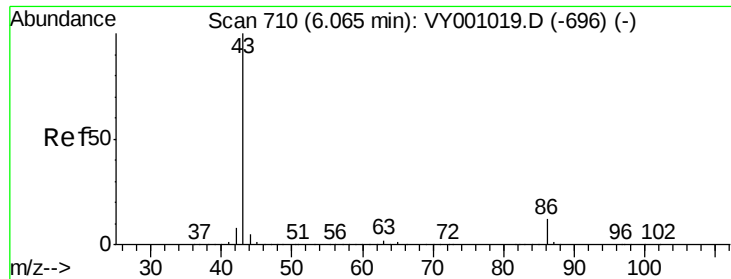
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 109.365 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

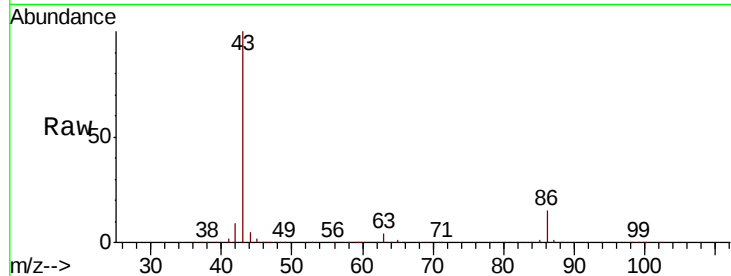
ClientSampled :

Tot Ion: 43 Resp: 816073

Ion Ratio Lower Upper

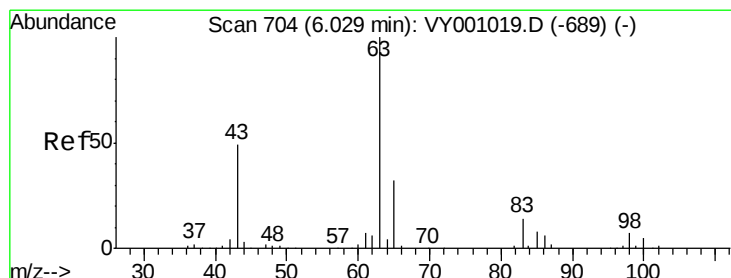
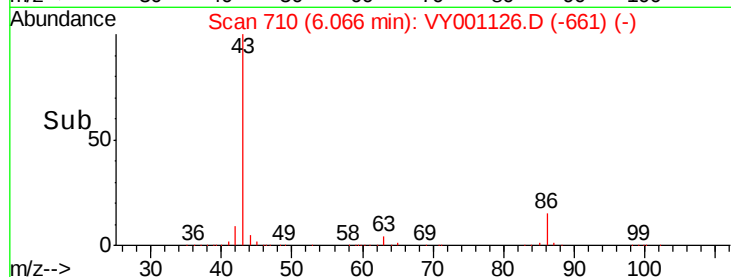
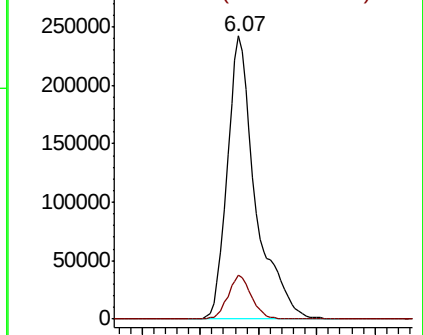
43 100

86 15.4 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 26.073 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

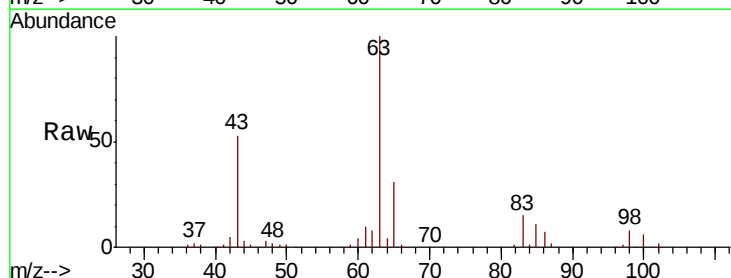
Tgt Ion: 63 Resp: 182048

Ion Ratio Lower Upper

63 100

98 8.2 3.8 11.2

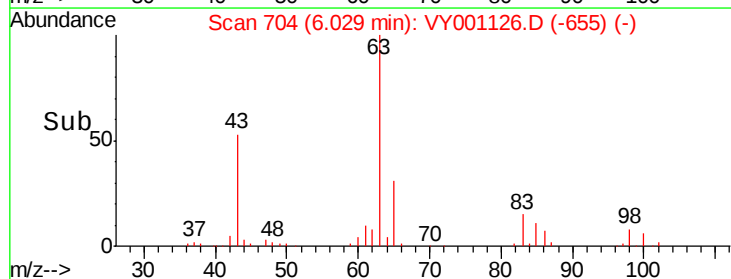
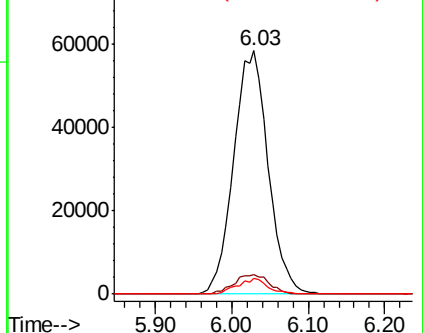
100 6.4 2.5 7.5

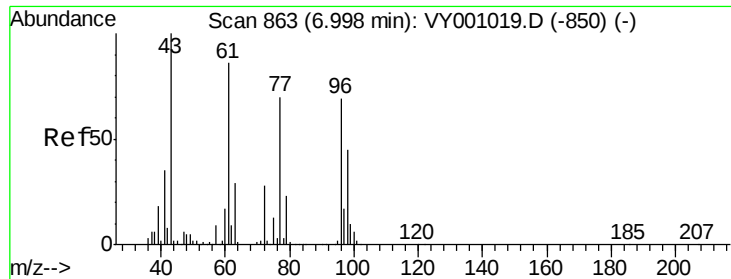


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

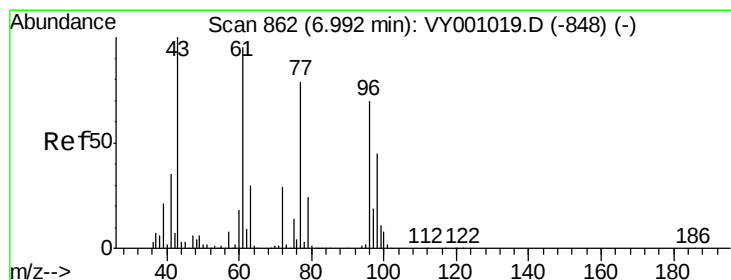
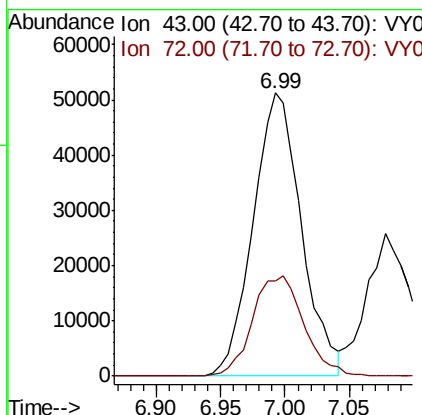
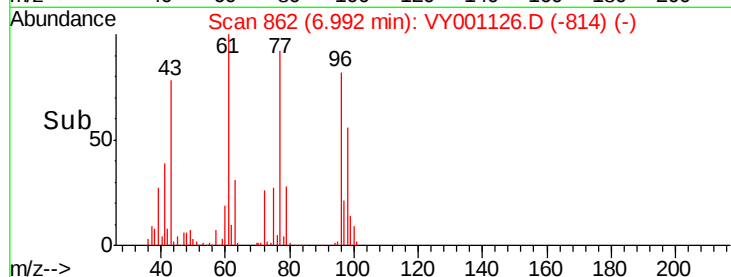
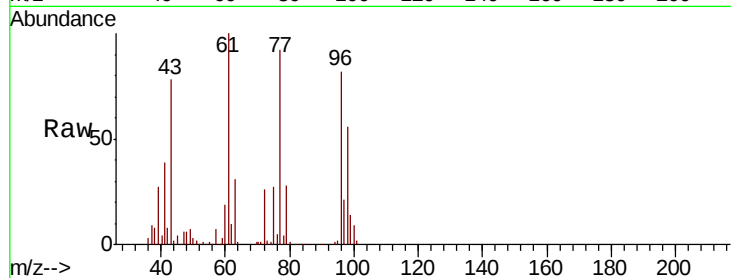




#25
2-Butanone
Concen: 99.779 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

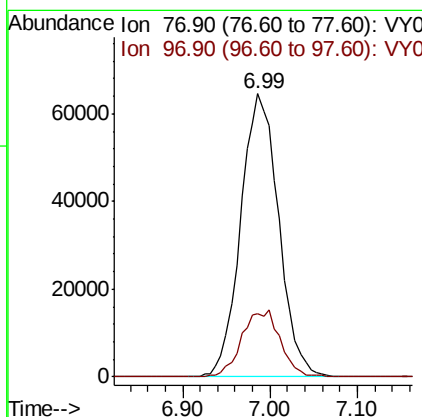
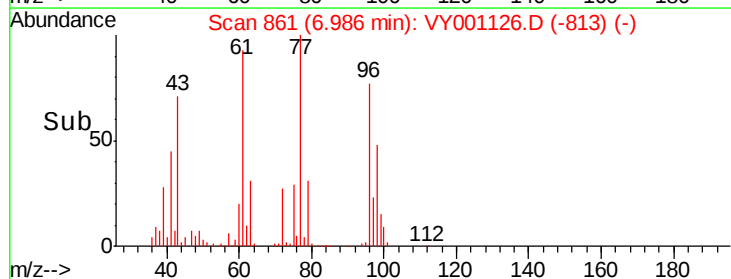
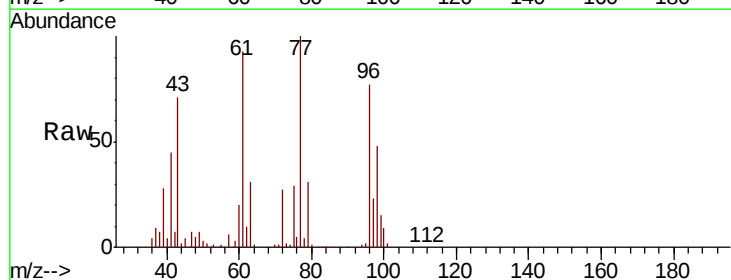
Instrument :
MSVOA_Y
ClientSampled :

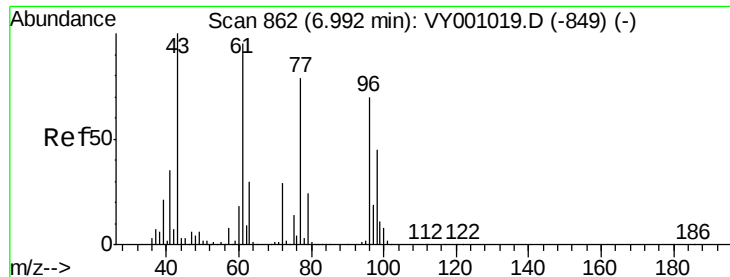
Tot Ion: 43 Resp: 133399
Ion Ratio Lower Upper
43 100
72 33.6 22.4 33.6#



#26
2,2-Dichloropropane
Concen: 33.991 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion: 77 Resp: 194994
Ion Ratio Lower Upper
77 100
97 23.7 12.0 36.1



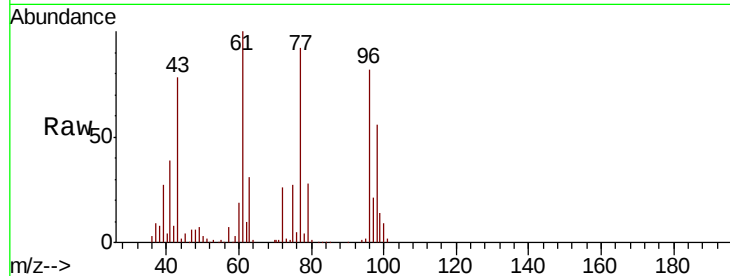


#27

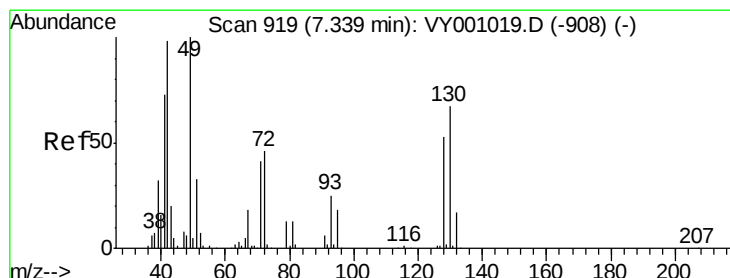
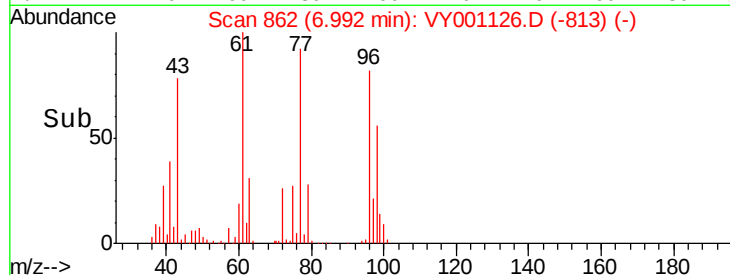
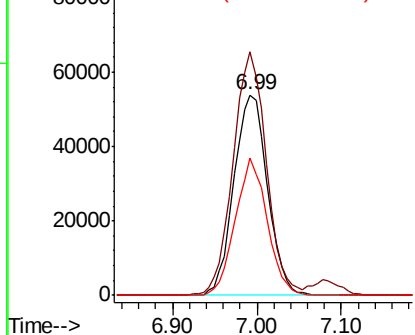
cis-1,2-Dichloroethene
Concen: 31.773 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.5	0.0	268.2
98	65.0	0.0	129.2



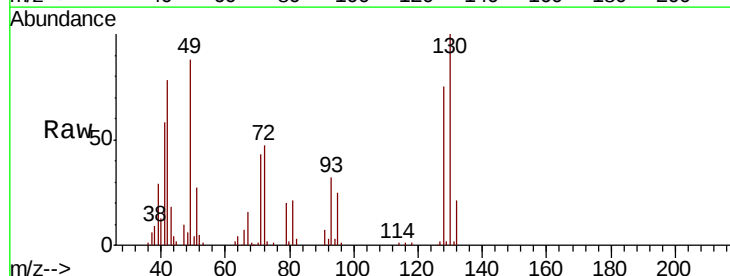
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



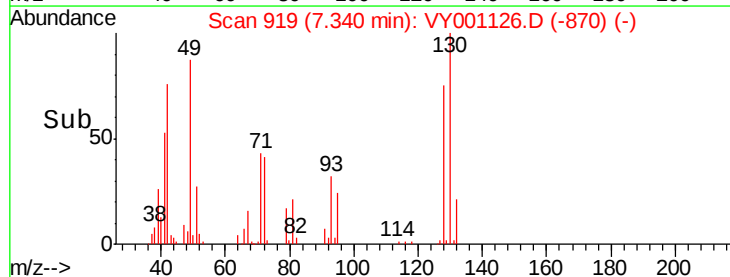
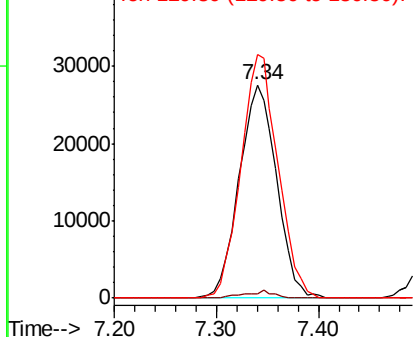
#28

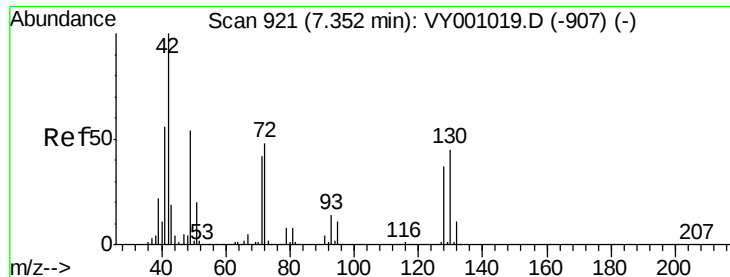
Bromochloromethane
Concen: 25.782 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	3.8
130	113.4	60.4	90.6#



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

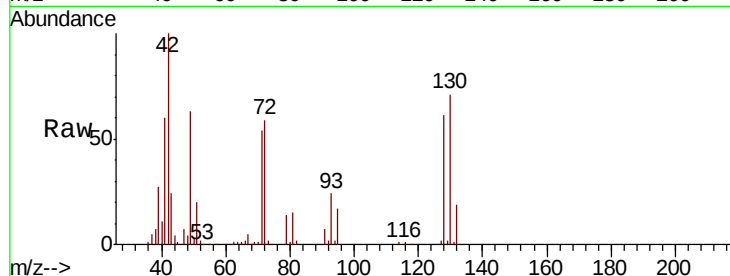




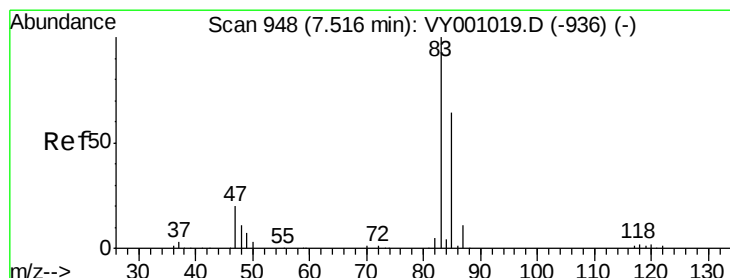
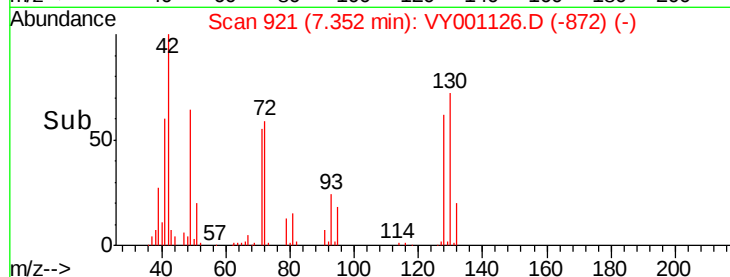
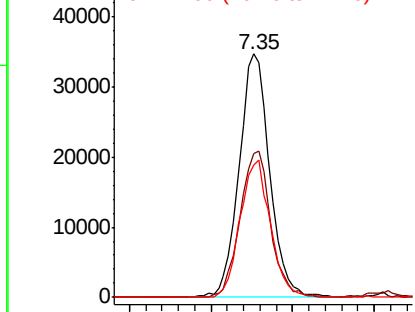
#29
Tetrahydrofuran
Concen: 95.007 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 90352
Ion Ratio Lower Upper
42 100
72 60.0 37.7 56.5#
71 55.5 34.6 51.8#

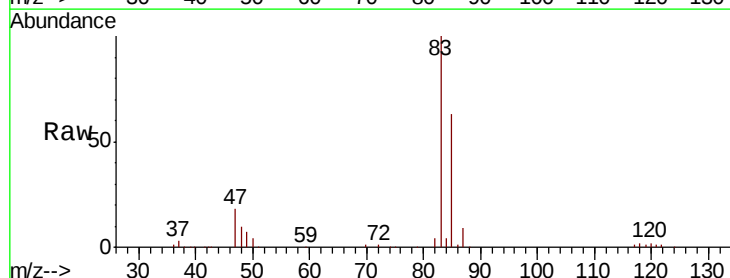


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

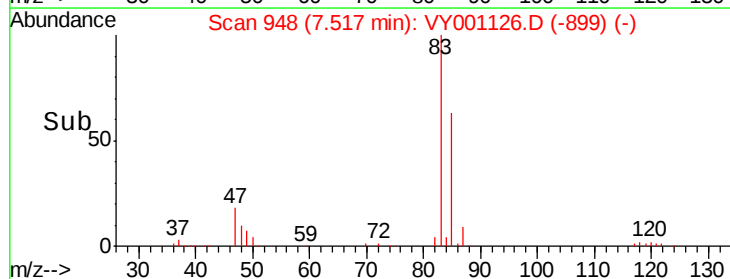
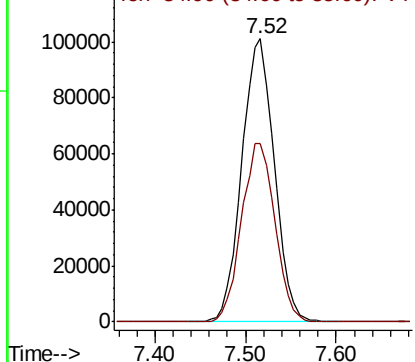


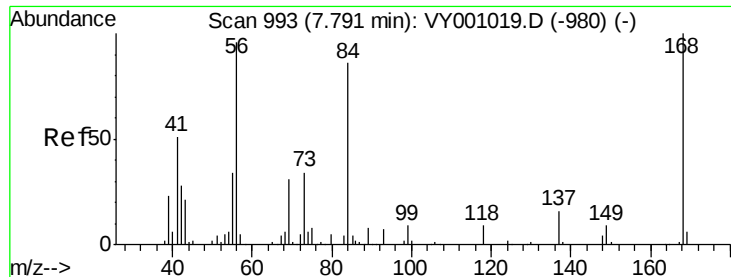
#30
Chloroform
Concen: 38.044 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion: 83 Resp: 251183
Ion Ratio Lower Upper
83 100
85 63.1 51.6 77.4



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

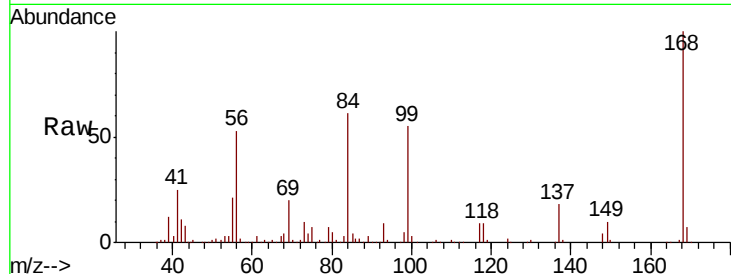




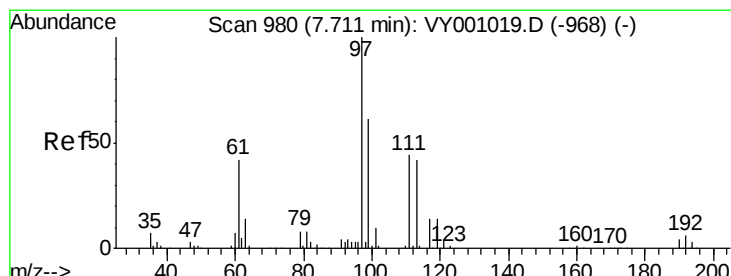
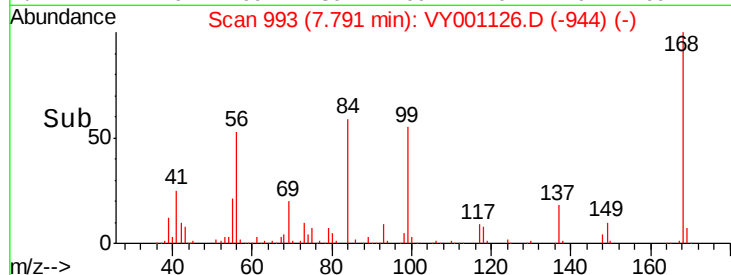
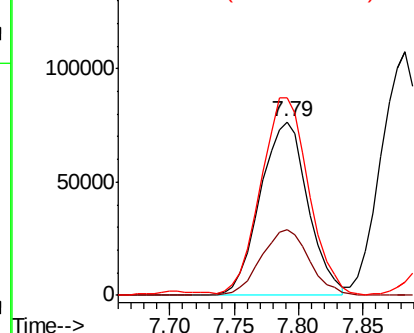
#31
Cyclohexane
Concen: 26.767 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 196526
Ion Ratio Lower Upper
56 100
69 38.0 26.1 39.1
84 112.0 71.8 107.8#

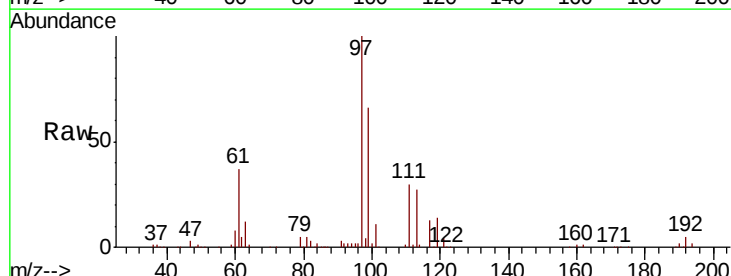


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

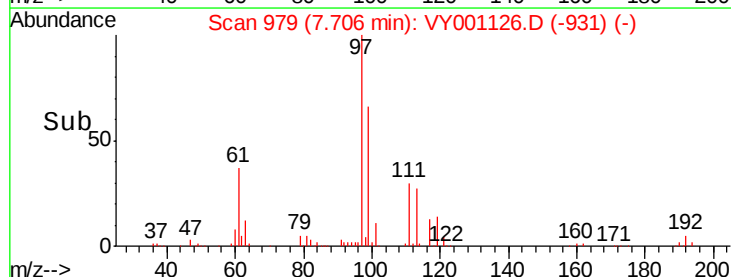
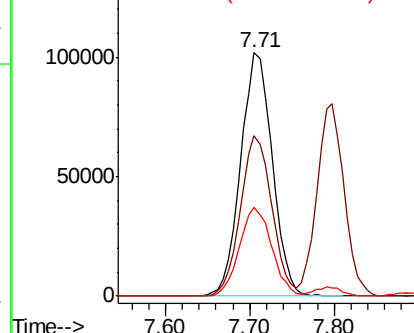


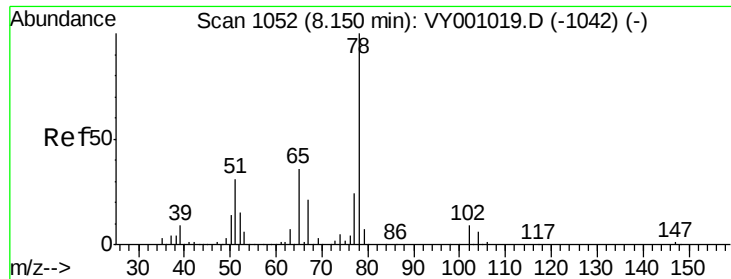
#32
1,1,1-Trichloroethane
Concen: 45.813 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion: 97 Resp: 258024
Ion Ratio Lower Upper
97 100
99 65.5 50.6 76.0
61 37.3 33.0 49.6



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: 41.923 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

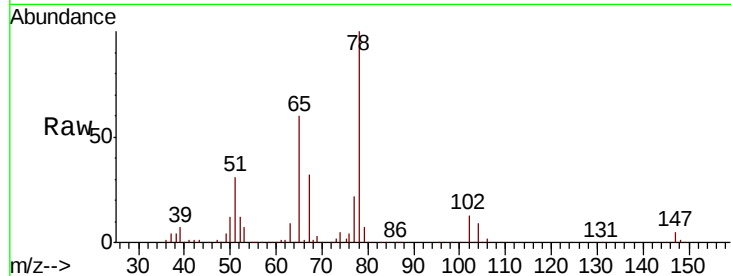
ClientSampled :

Tot Ion: 65 Resp: 138493

Ion Ratio Lower Upper

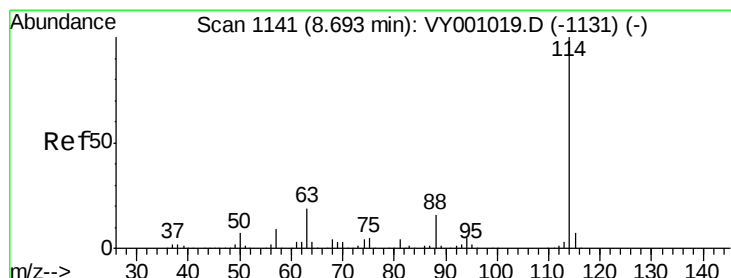
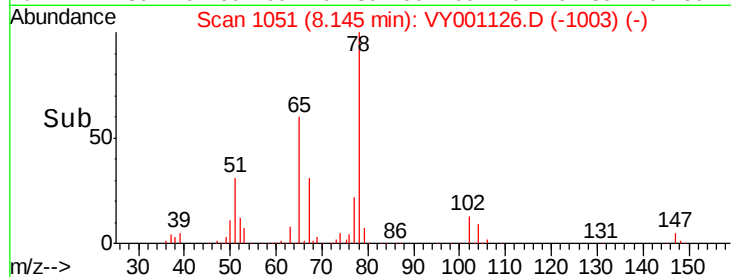
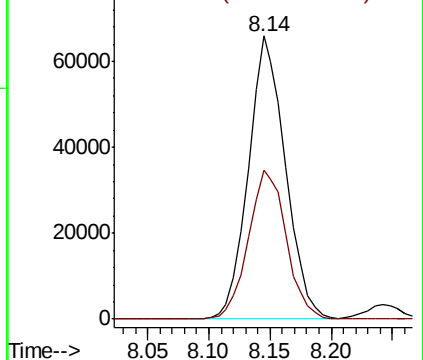
65 100

67 54.0 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

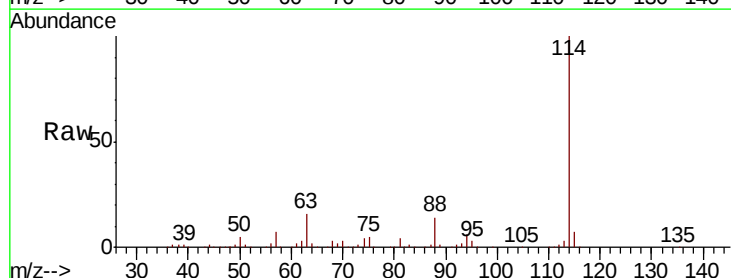
Tgt Ion: 114 Resp: 542627

Ion Ratio Lower Upper

114 100

63 16.4 0.0 37.0

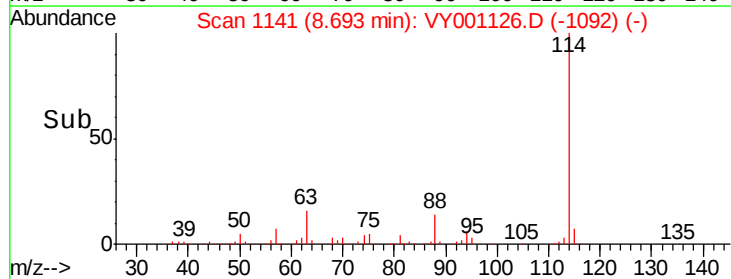
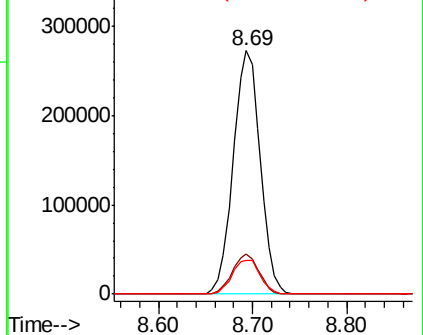
88 14.1 0.0 32.0

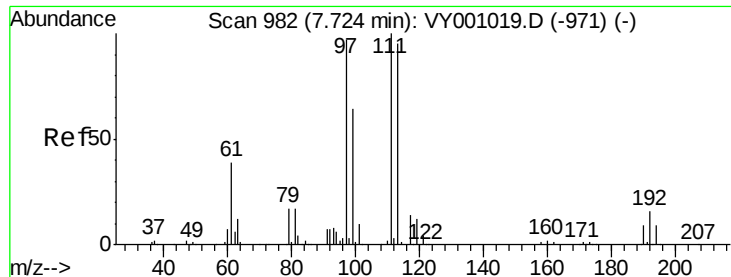


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

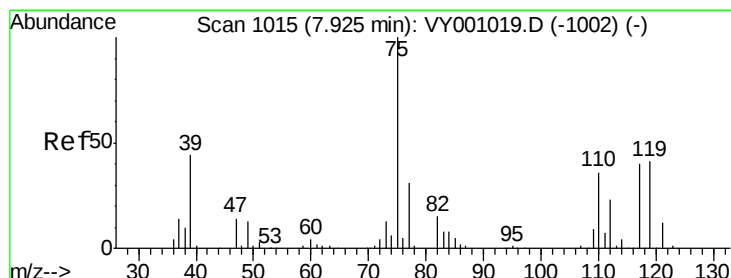
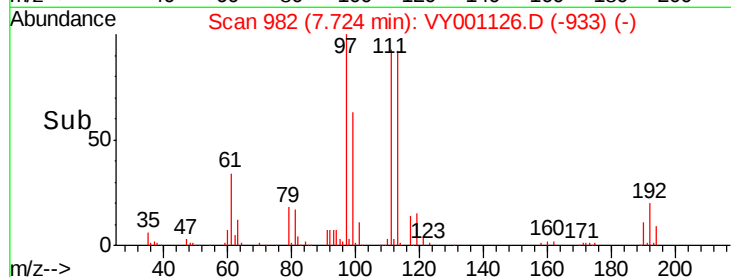
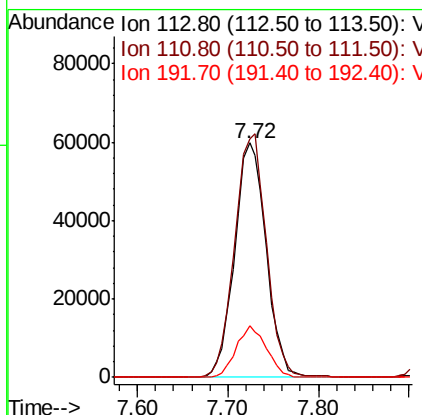
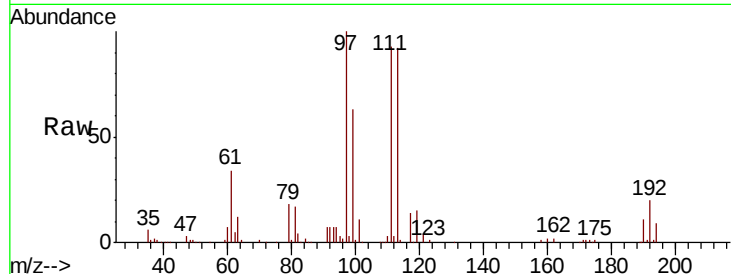




#35
 Dibromofluoromethane
 Concen: 45.090 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY001126.D
 Acq: 30 Dec 2019 16:48

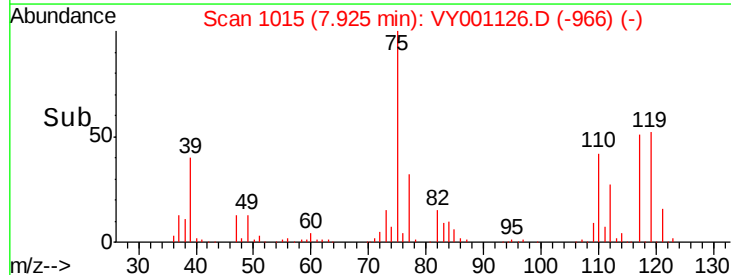
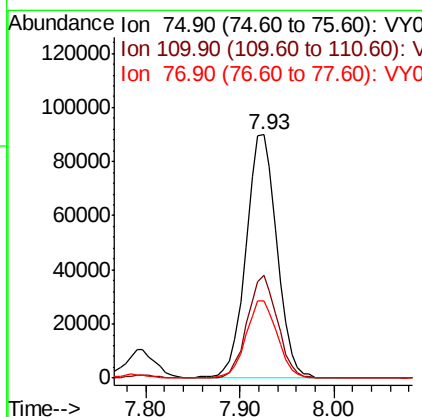
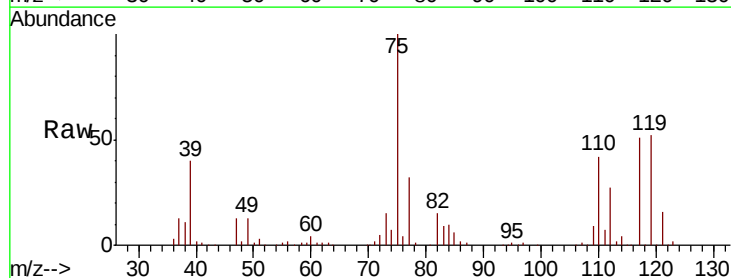
Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.0	124.4
192	21.1	14.6	21.8



#36
 1,1-Dichloropropene
 Concen: 39.746 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY001126.D
 Acq: 30 Dec 2019 16:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.1	18.1	54.4
77	32.3	24.6	37.0

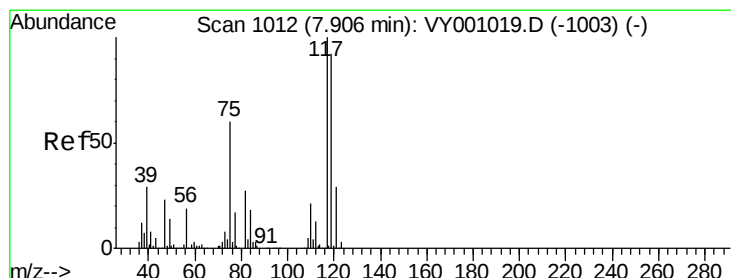
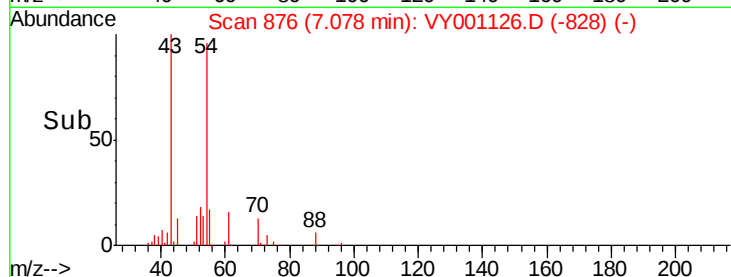
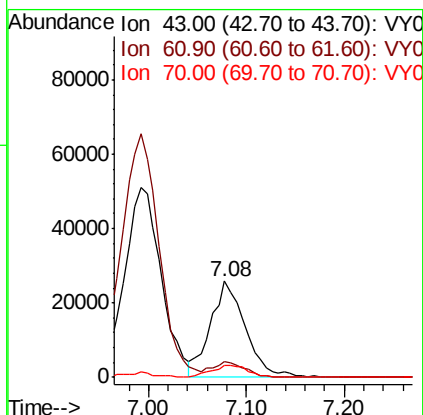
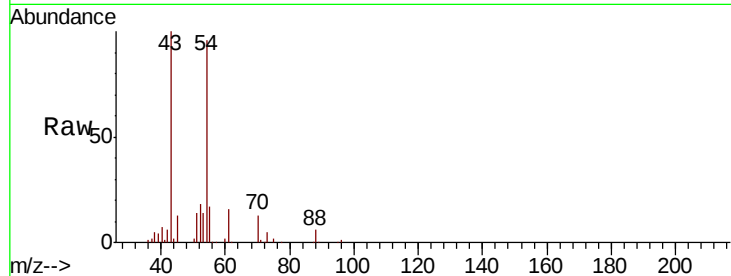




#37
Ethyl Acetate
Concen: 22.254 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

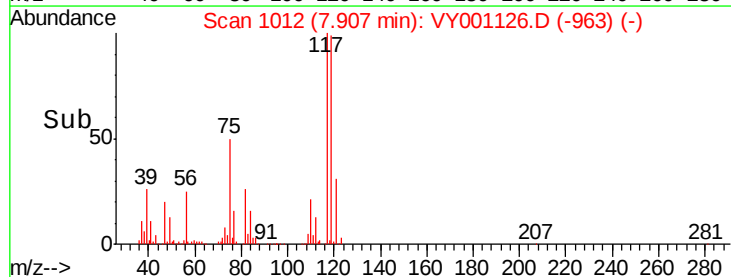
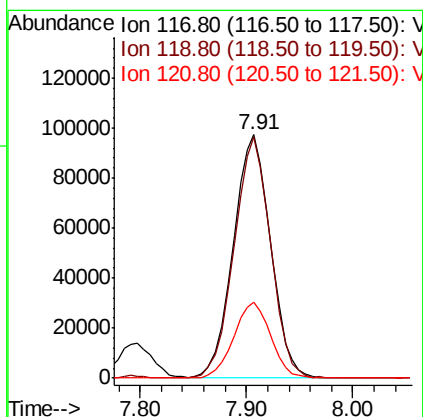
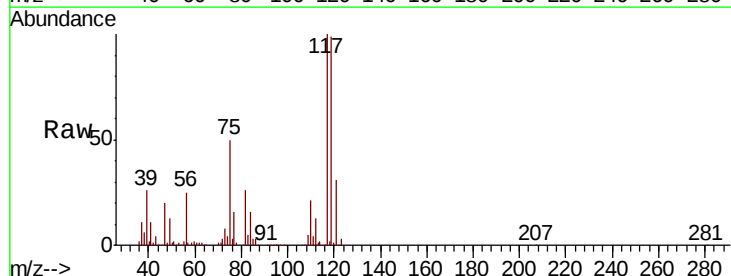
Instrument :
MSVOA_Y
ClientSampleId :

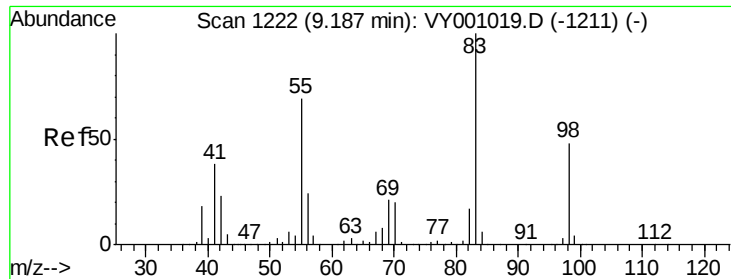
Tot Ion: 43 Resp: 63789
Ion Ratio Lower Upper
43 100
61 15.4 12.5 18.7
70 13.6 9.0 13.4#



#38
Carbon Tetrachloride
Concen: 52.678 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion: 117 Resp: 238919
Ion Ratio Lower Upper
117 100
119 98.8 74.2 111.2
121 31.3 22.9 34.3

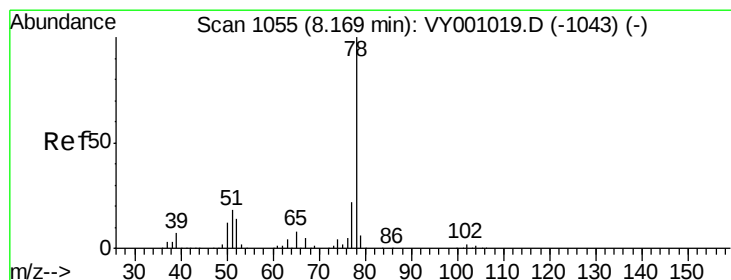
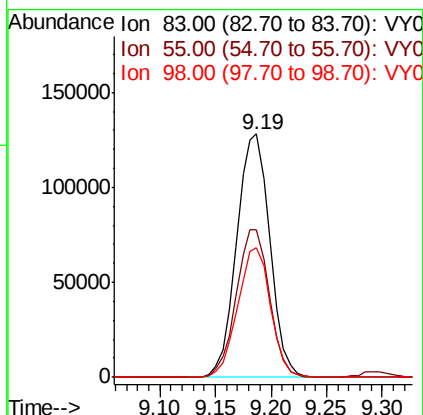
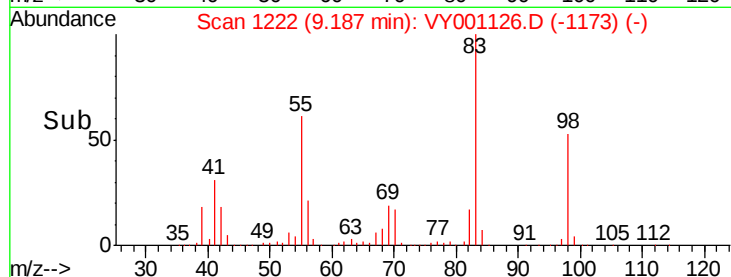
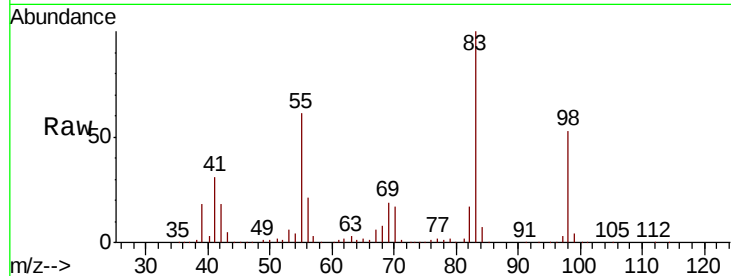




#39
Methvlcvclohexane
Concen: 38.474 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

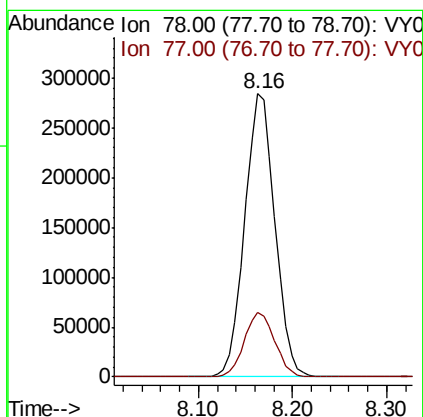
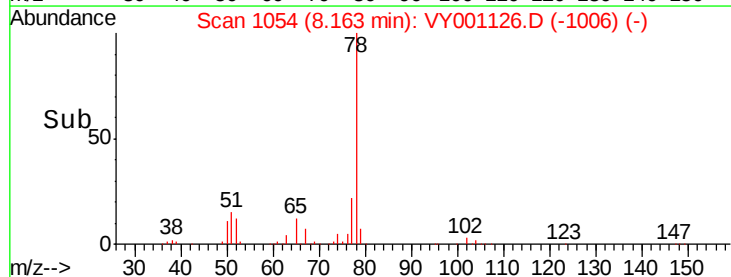
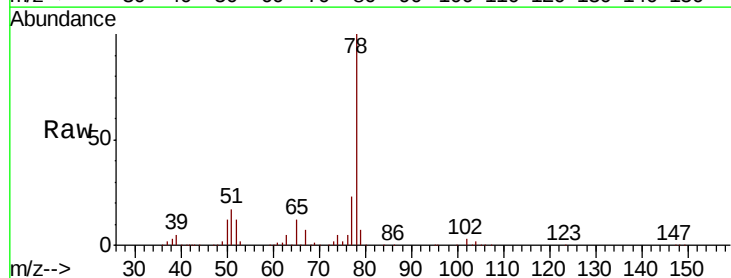
Instrument :
MSVOA_Y
ClientSampleId :

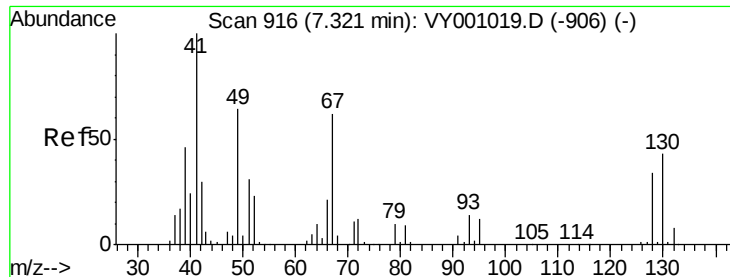
Tot Ion: 83 Resp: 264485
Ion Ratio Lower Upper
83 100
55 60.6 55.1 82.7
98 53.1 38.3 57.5



#40
Benzene
Concen: 40.880 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion: 78 Resp: 638430
Ion Ratio Lower Upper
78 100
77 22.6 17.7 26.5





#41

Methacrylonitrile

Concen: 68.592 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.03 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 41 Resp: 85240

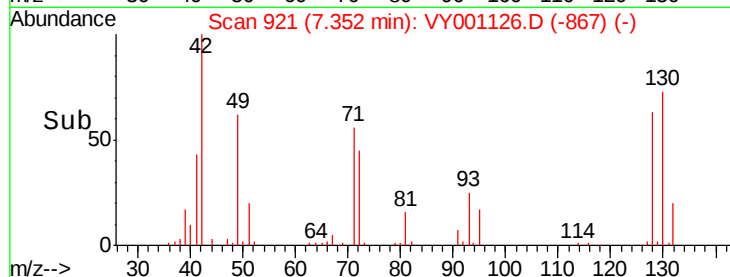
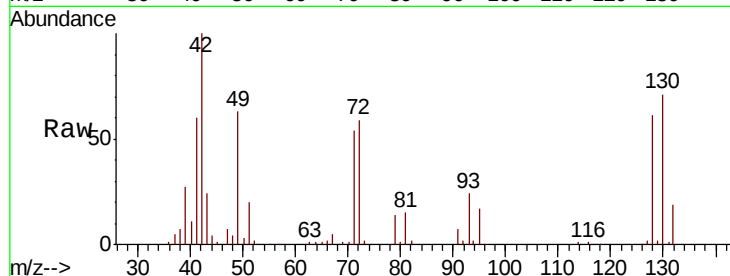
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

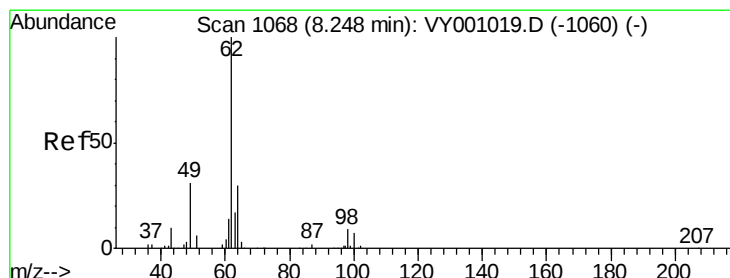
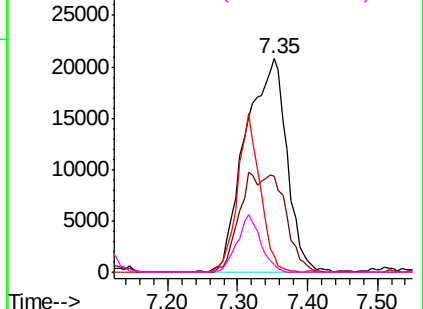


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 44.743 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY001126.D

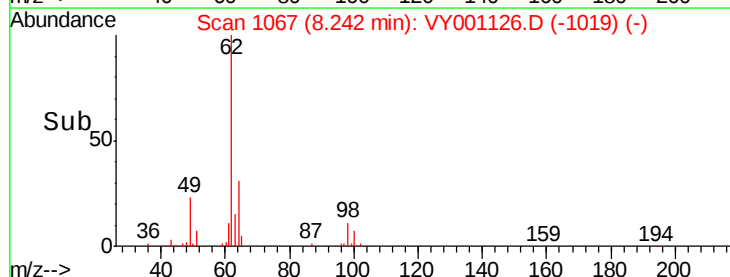
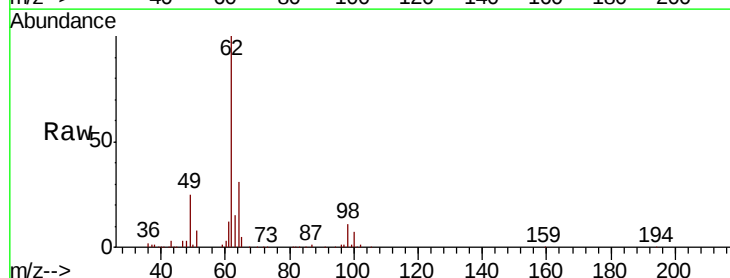
Acq: 30 Dec 2019 16:48

Tgt Ion: 62 Resp: 167060

Ion Ratio Lower Upper

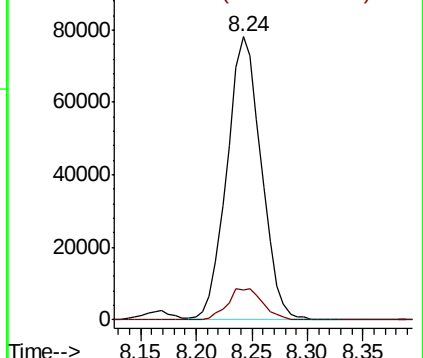
62 100

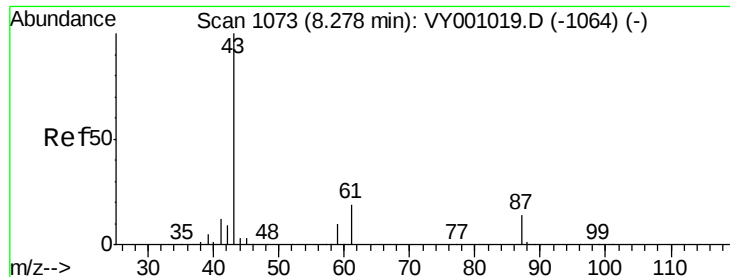
98 11.4 0.0 23.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 30.444 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

ClientSampleId :

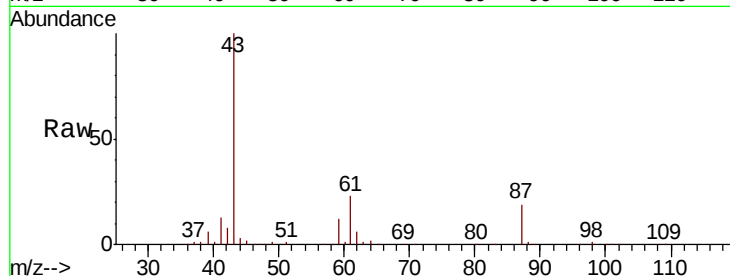
Tot Ion: 43 Resp: 161541

Ion Ratio Lower Upper

43 100

61 35.2 25.0 37.6

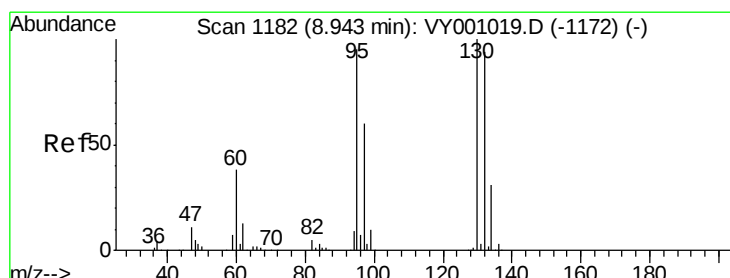
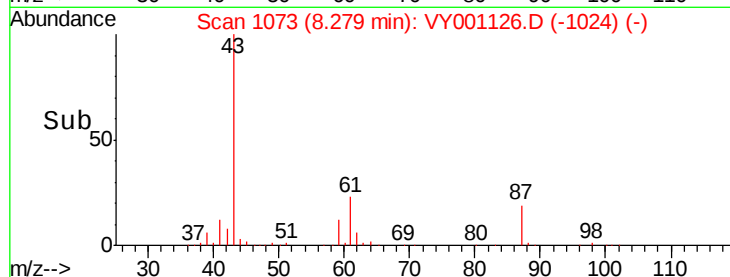
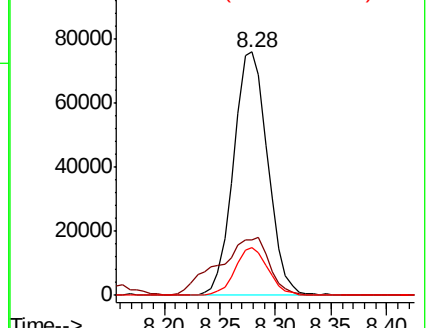
87 19.1 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VY001126.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY001126.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY001126.D (-1024) (-)



#44

Trichloroethene

Concen: 47.554 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY001126.D

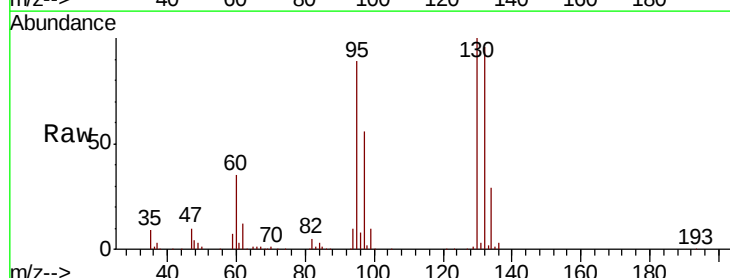
Acq: 30 Dec 2019 16:48

Tgt Ion:130 Resp: 195674

Ion Ratio Lower Upper

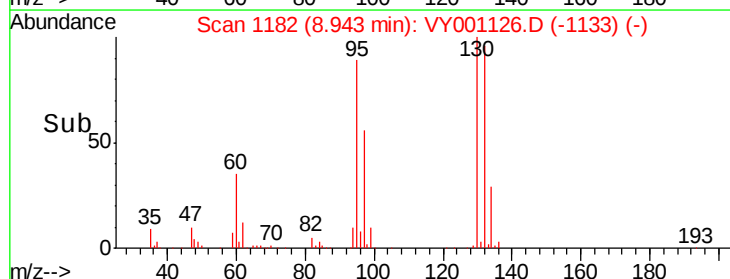
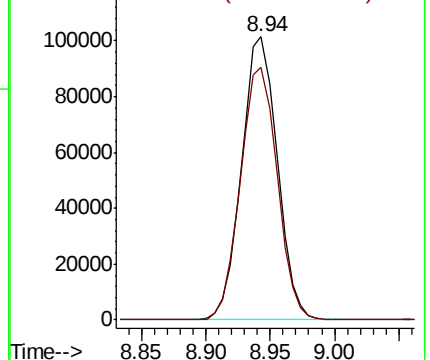
130 100

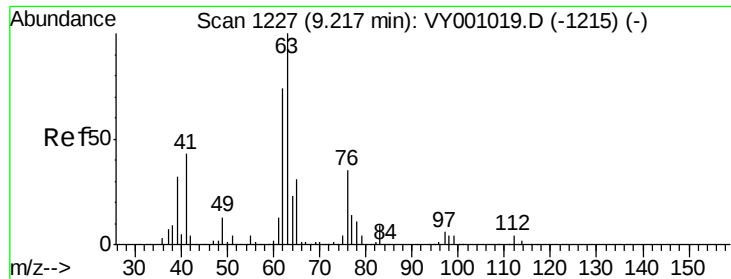
95 89.3 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VY001126.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY001126.D (-1133) (-)

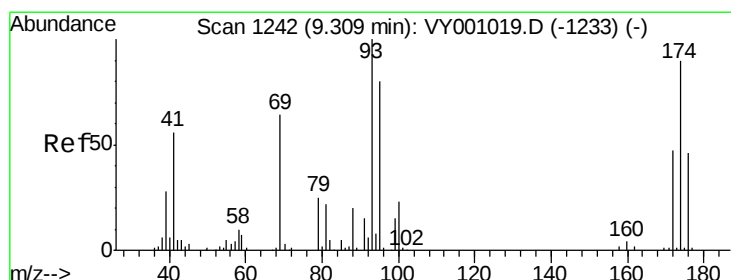
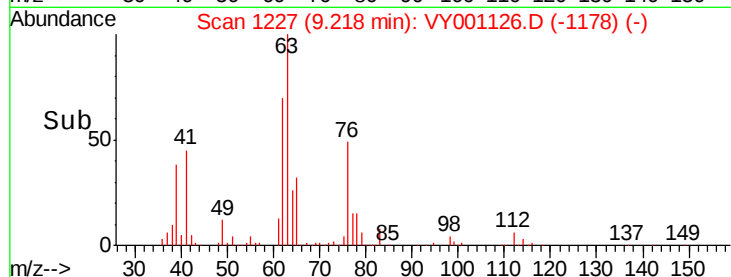
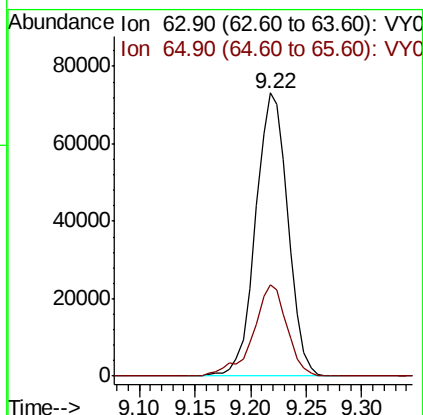
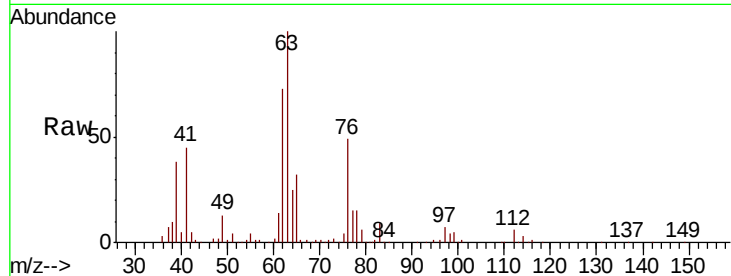




#45
1,2-Dichloropropane
Concen: 37.619 ug/l
RT: 9.22 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

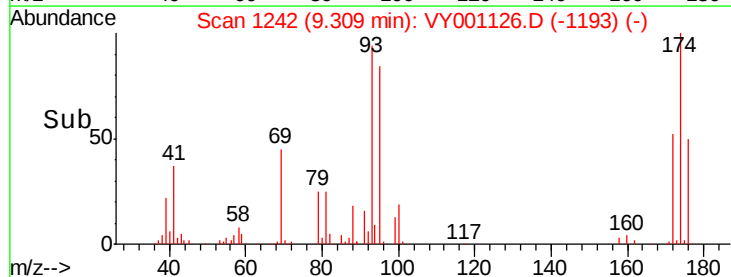
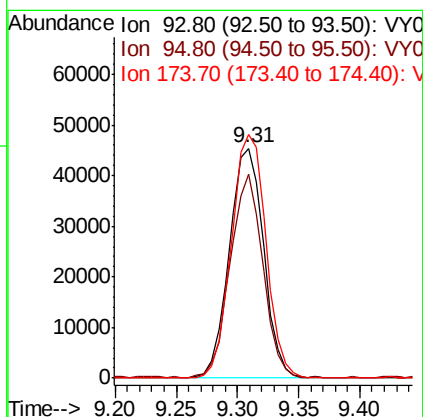
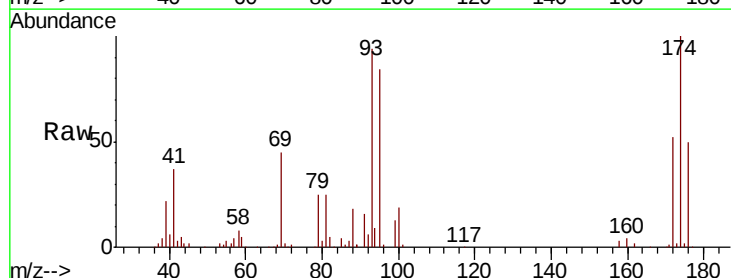
Instrument :
MSVOA_Y
ClientSampled :

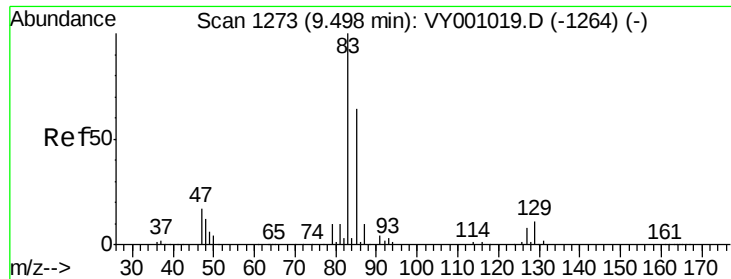
Tot Ion: 63 Resp: 147384
Ion Ratio Lower Upper
63 100
65 32.2 25.1 37.7



#46
Dibromomethane
Concen: 43.415 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion: 93 Resp: 87681
Ion Ratio Lower Upper
93 100
95 85.5 66.7 100.1
174 107.4 73.6 110.4





#47

Bromodichloromethane

Concen: 46.232 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

ClientSampleId :

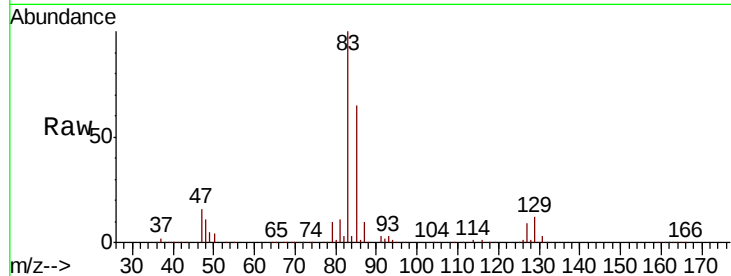
Tot Ion: 83 Resp: 216276

Ion Ratio Lower Upper

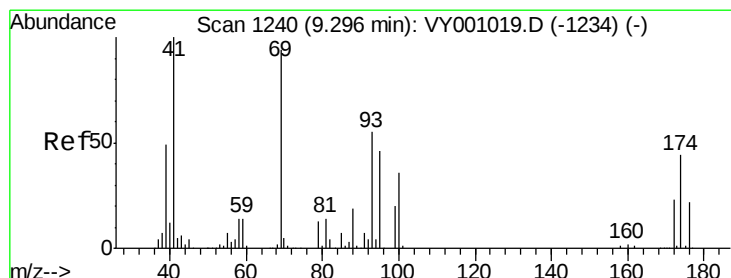
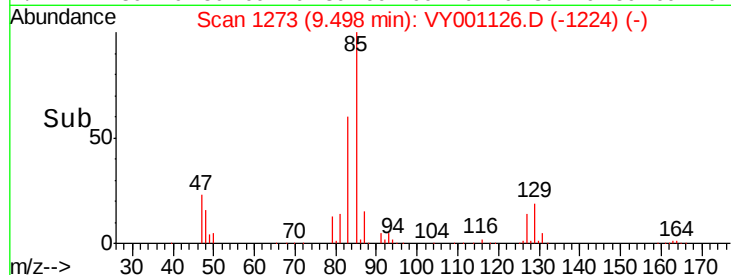
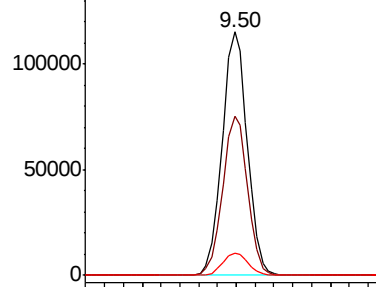
83 100

85 65.4 50.9 76.3

127 9.2 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): V



#48

Methyl methacrylate

Concen: 31.557 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

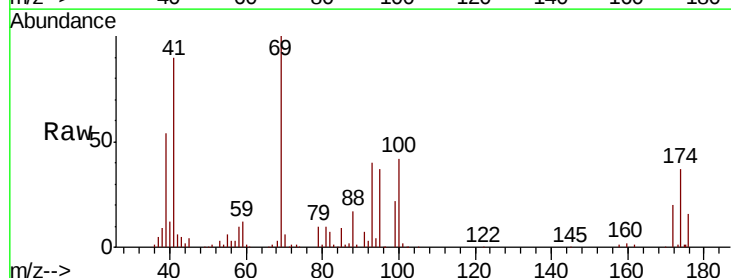
Tgt Ion: 41 Resp: 71454

Ion Ratio Lower Upper

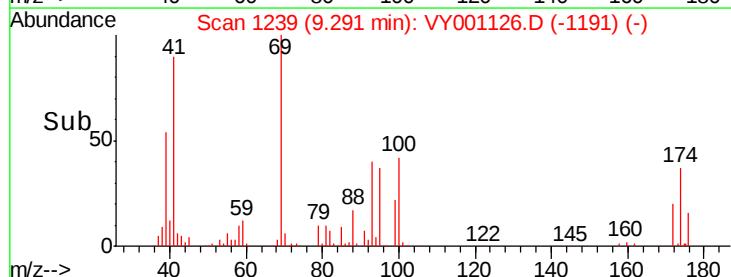
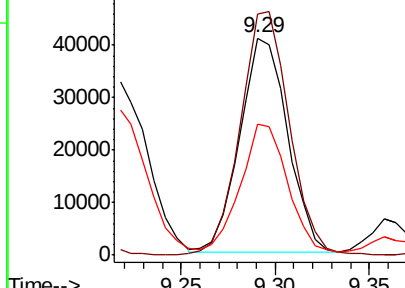
41 100

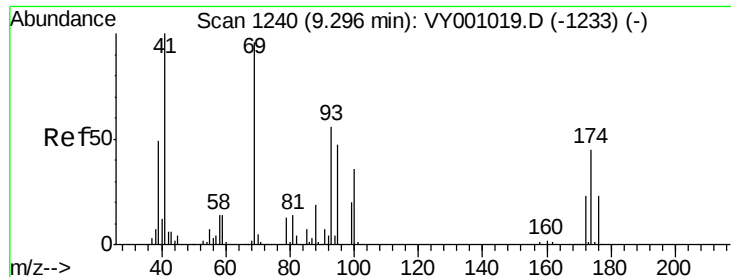
69 117.1 79.8 119.6

39 62.1 41.7 62.5



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

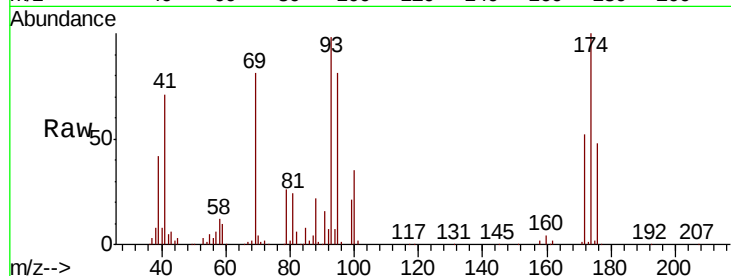




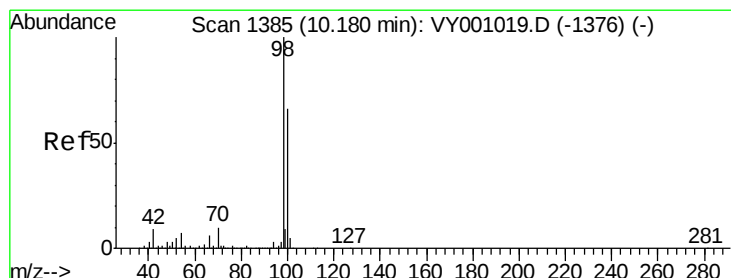
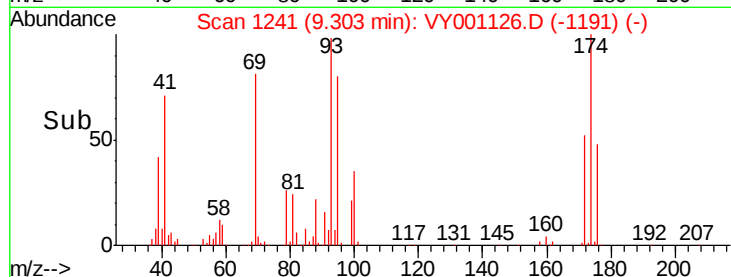
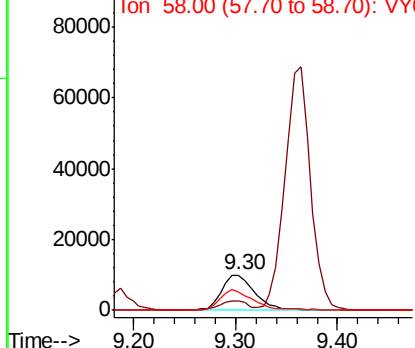
#49
1,4-Dioxane
Concen: 779.366 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 23025
Ion Ratio Lower Upper
88 100
43 22.7 23.0 34.4#
58 56.0 54.9 82.3

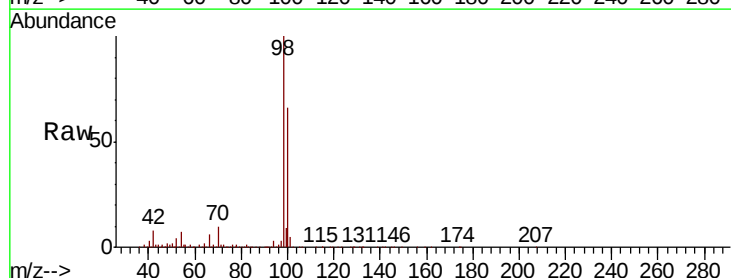


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

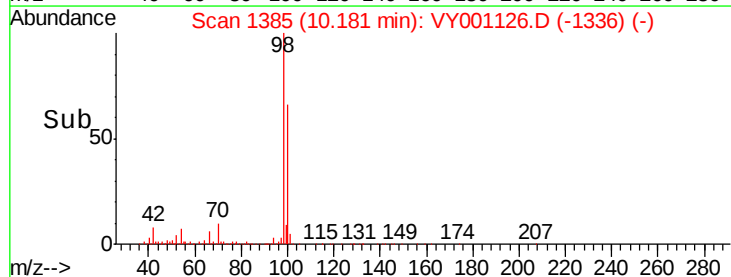
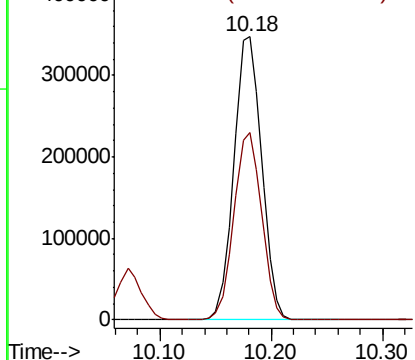


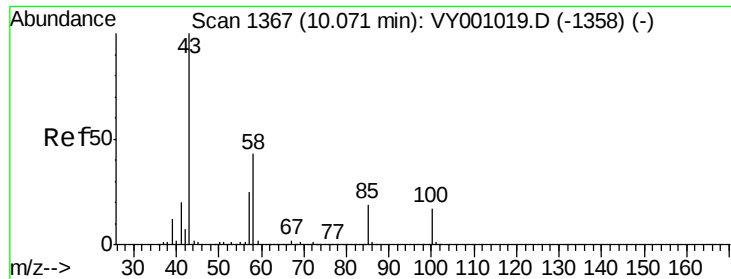
#50
Toluene-d8
Concen: 48.108 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion: 98 Resp: 600734
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



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





#51

4-Methyl-2-Pentanone

Concen: 145.118 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

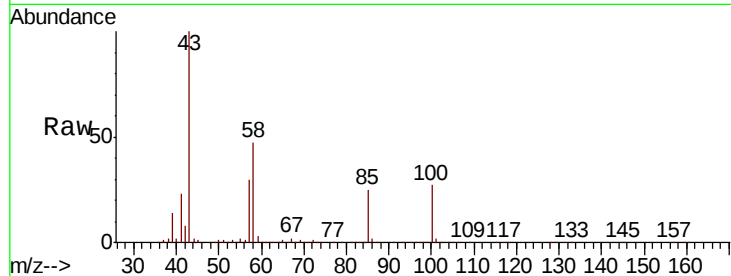
ClientSampled :

Tot Ion: 43 Resp: 401338

Ion Ratio Lower Upper

43 100

58 47.1 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-1358) (-)

10.07

250000

200000

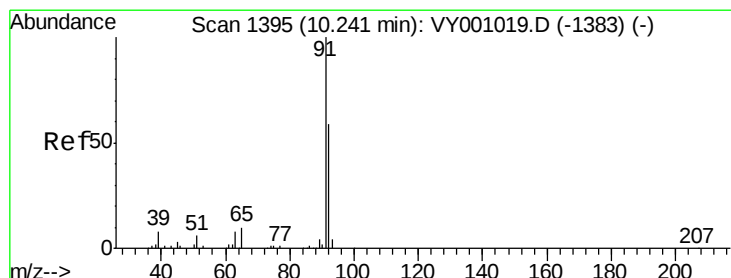
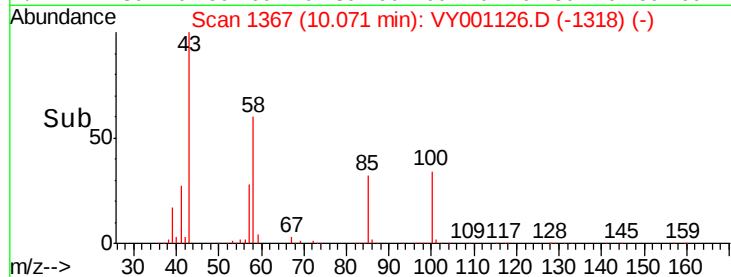
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 44.401 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001126.D

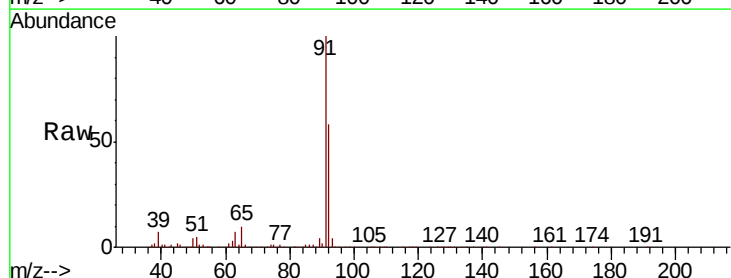
Acq: 30 Dec 2019 16:48

Tgt Ion: 92 Resp: 426792

Ion Ratio Lower Upper

92 100

91 171.2 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VY001019.D (-1383) (-)

Ion 91.00 (90.70 to 91.70): VY001019.D (-1383) (-)

10.24

500000

400000

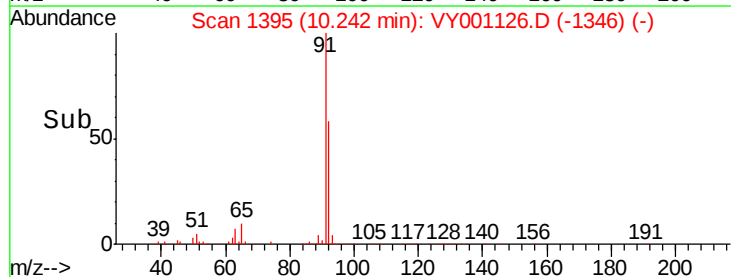
300000

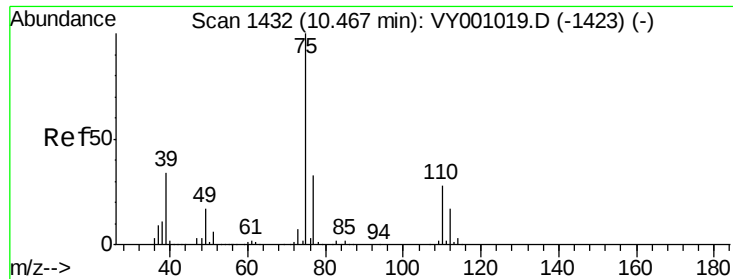
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 43.748 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

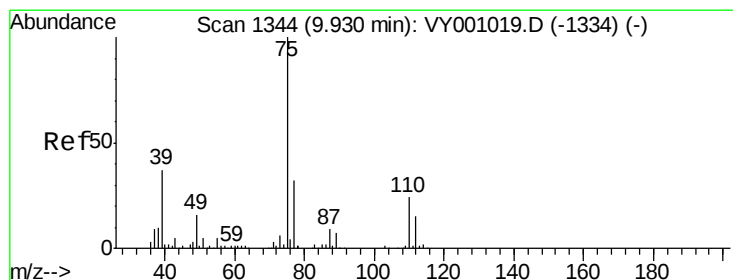
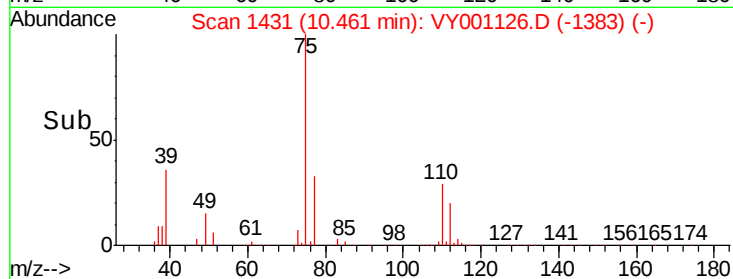
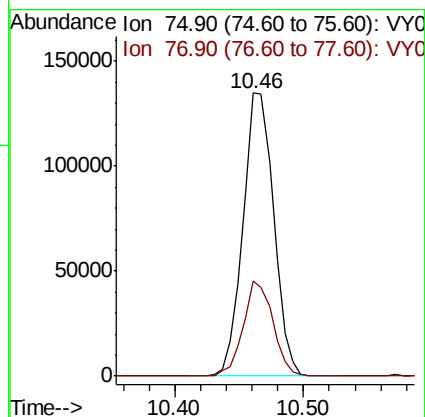
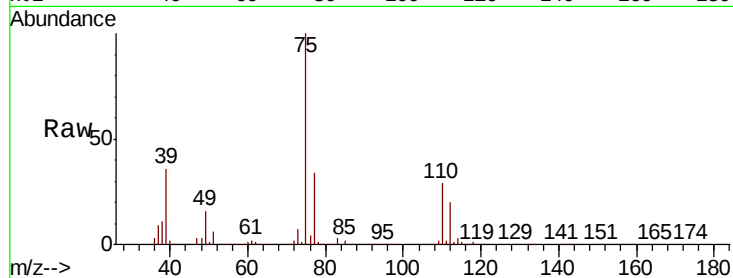
ClientSampleId :

Tot Ion: 75 Resp: 222110

Ion Ratio Lower Upper

75 100

77 33.3 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 41.590 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

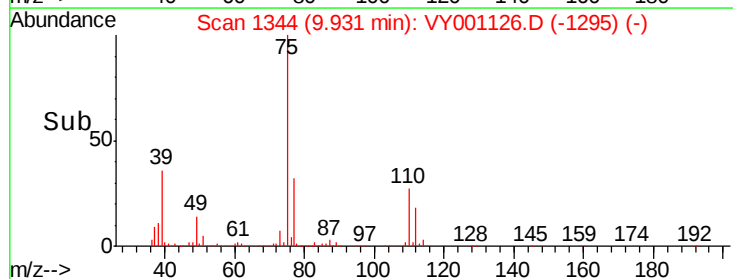
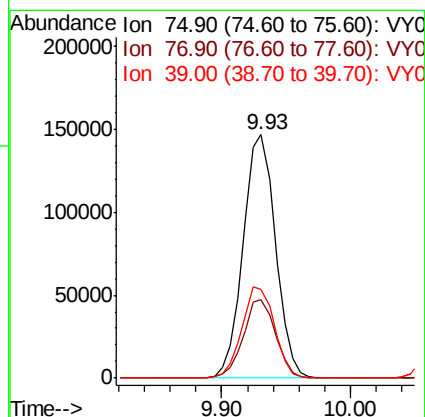
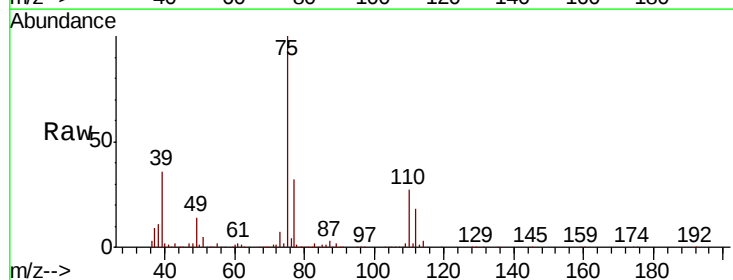
Tgt Ion: 75 Resp: 253903

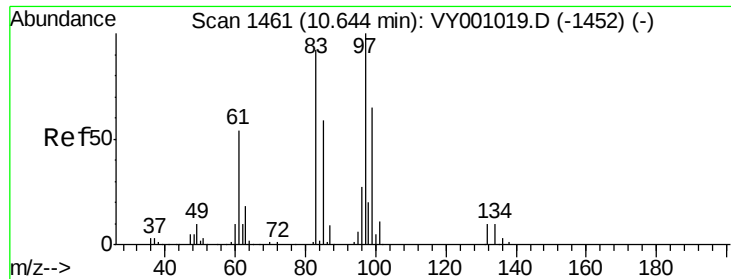
Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8

39 36.2 29.5 44.3





#55

1,1,2-Trichloroethane

Concen: 43.938 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

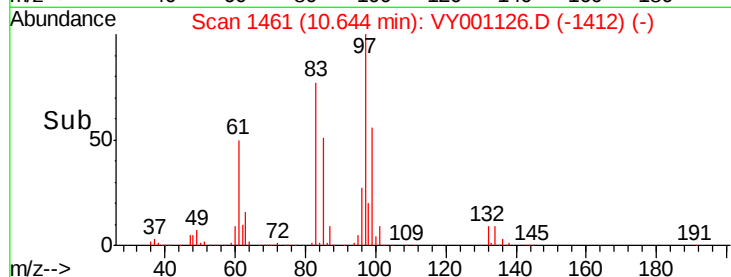
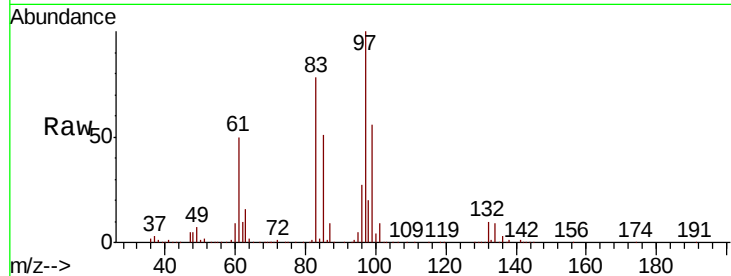
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 132473

Ion	Ratio	Lower	Upper
97	100		
83	77.8	73.7	110.5
85	51.2	47.3	70.9
99	56.6	51.9	77.9

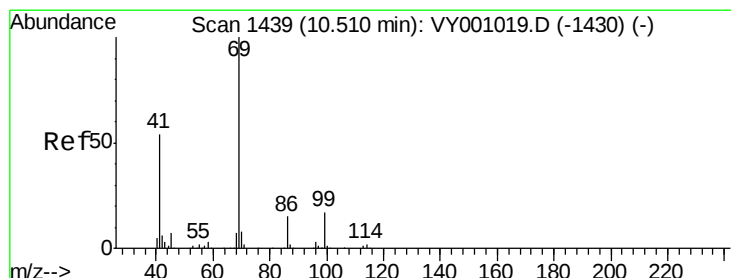
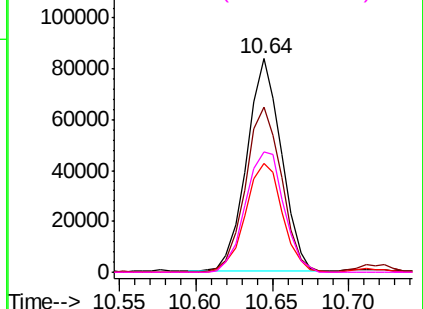


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 38.678 ug/l

RT: 10.51 min Scan# 1439

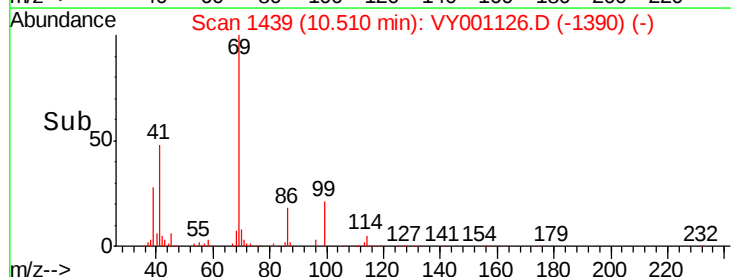
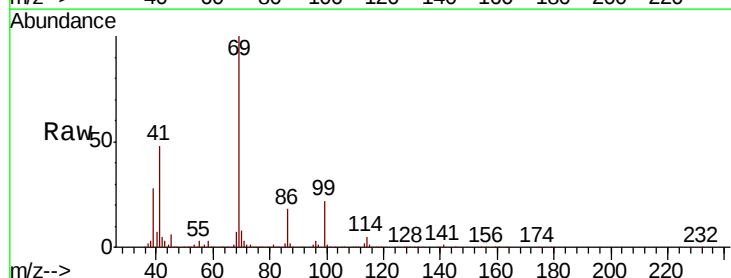
Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Tgt Ion: 69 Resp: 165971

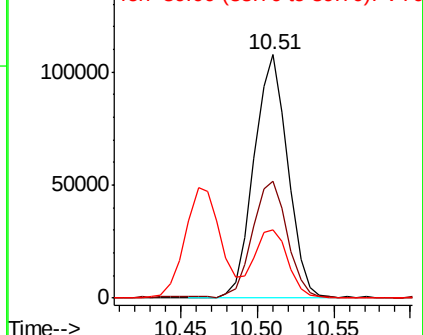
Ion	Ratio	Lower	Upper
69	100		
41	48.9	44.7	67.1
39	28.6	22.2	33.4

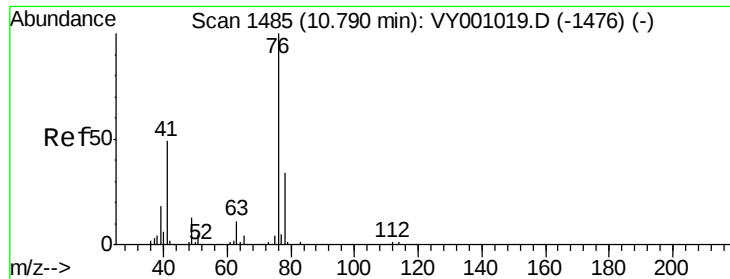


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

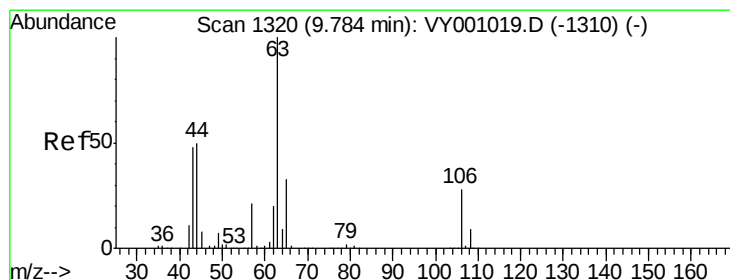
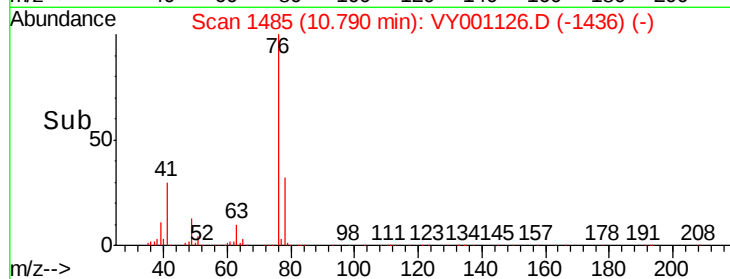
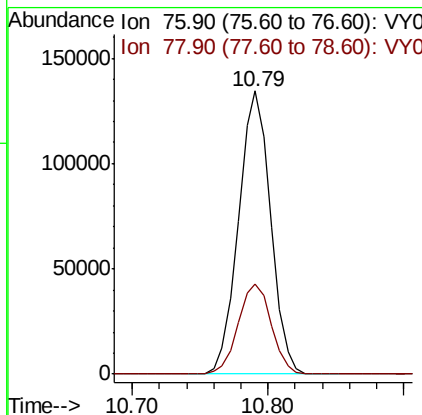
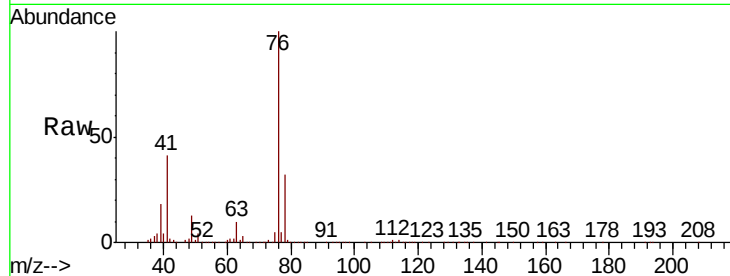




#57
 1,3-Dichloropropane
 Concen: 41.773 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001126.D
 Acq: 30 Dec 2019 16:48

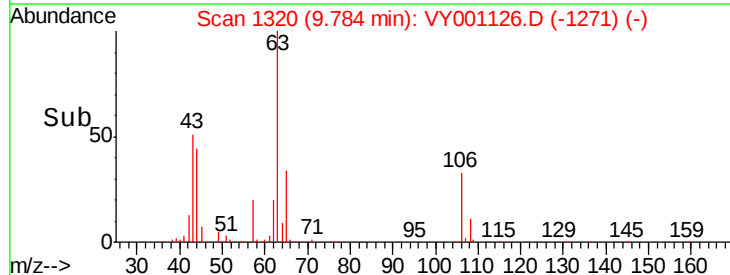
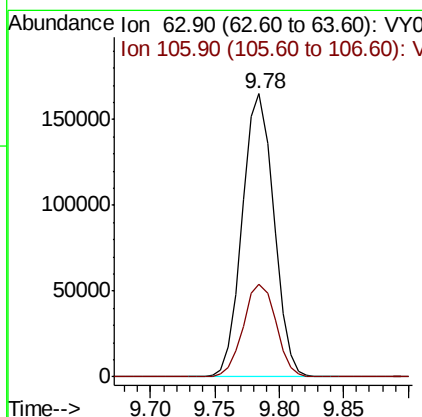
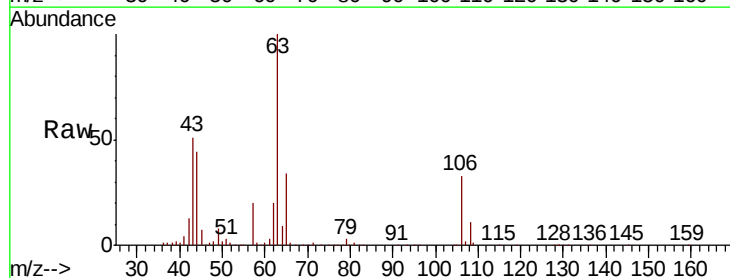
Instrument :
 MSVOA_Y
 ClientSampleId :

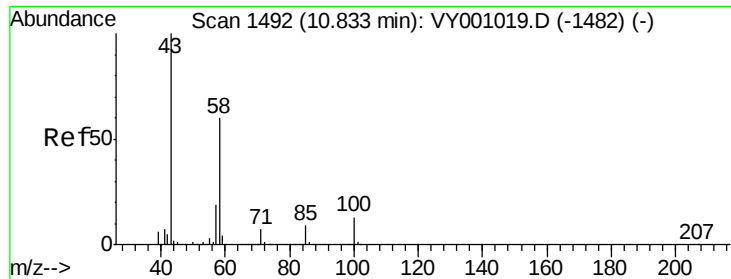
Tot Ion: 76 Resp: 220762
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 168.761 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001126.D
 Acq: 30 Dec 2019 16:48

Tgt Ion: 63 Resp: 279701
 Ion Ratio Lower Upper
 63 100
 106 34.0 22.7 34.1

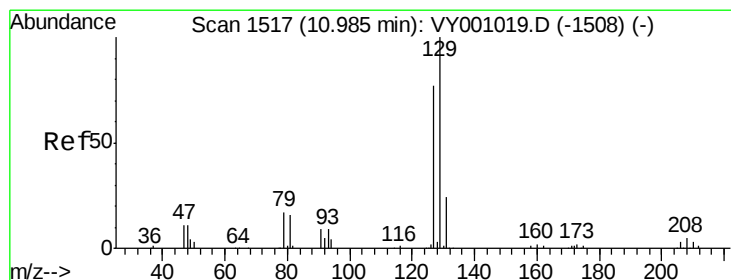
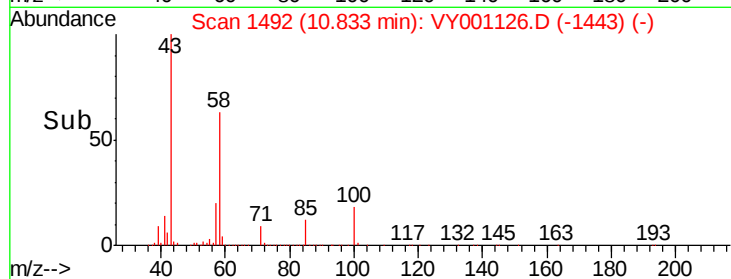
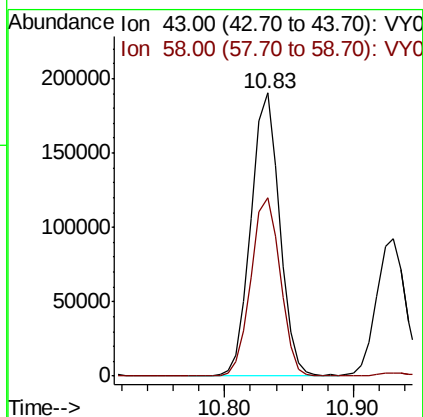
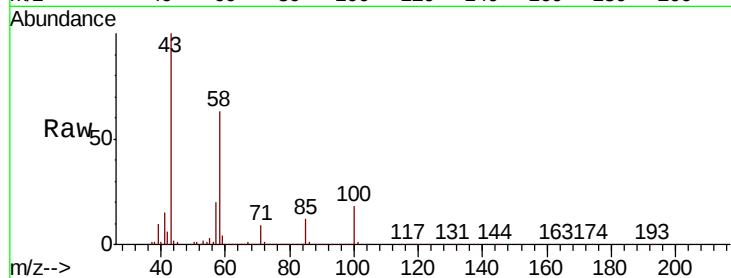




#59
2-Hexanone
Concen: 152.022 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

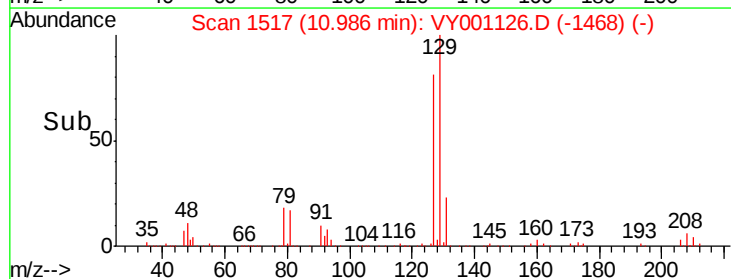
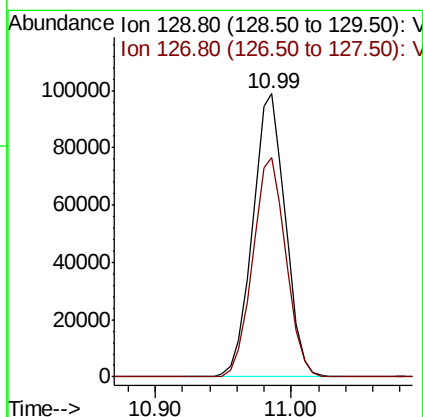
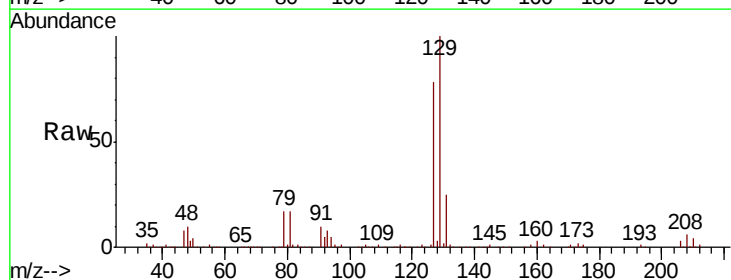
Instrument :
MSVOA_Y
ClientSampleId :

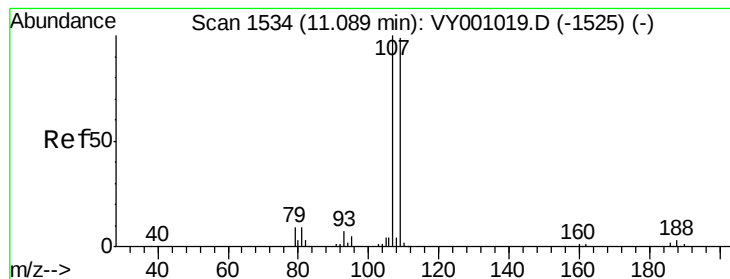
Tot Ion: 43 Resp: 290915
Ion Ratio Lower Upper
43 100
58 64.7 30.6 91.6



#60
Dibromochloromethane
Concen: 51.604 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion: 129 Resp: 166195
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.3





#61

1,2-Dibromoethane

Concen: 45.320 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

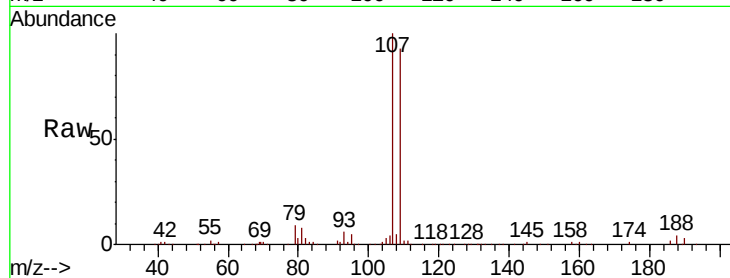
ClientSampleId :

Tot Ion: 107 Resp: 130664

Ion Ratio Lower Upper

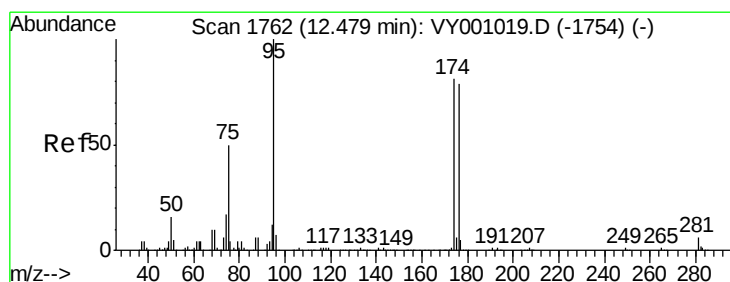
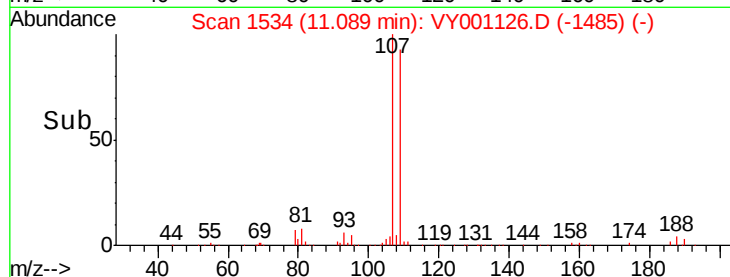
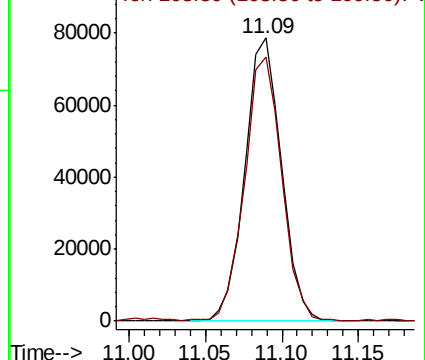
107 100

109 94.5 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.911 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

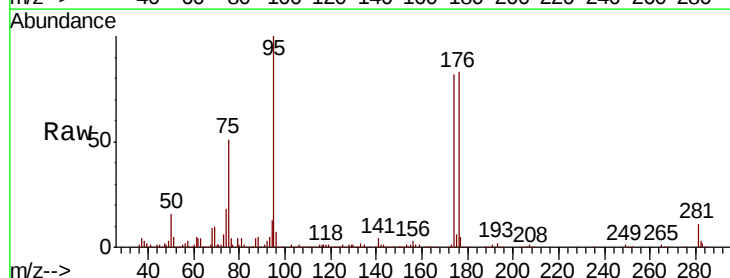
Tgt Ion: 95 Resp: 209605

Ion Ratio Lower Upper

95 100

174 83.2 0.0 156.4

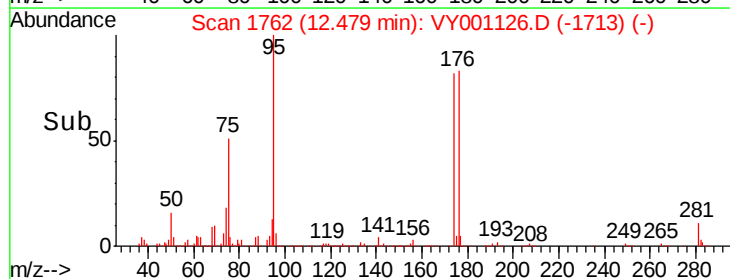
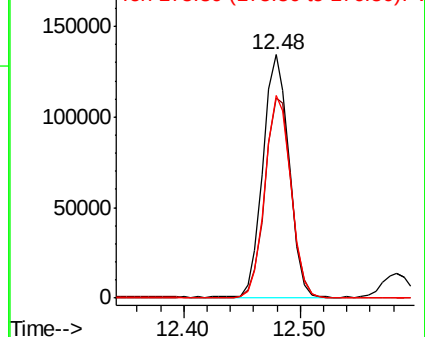
176 83.1 0.0 155.0

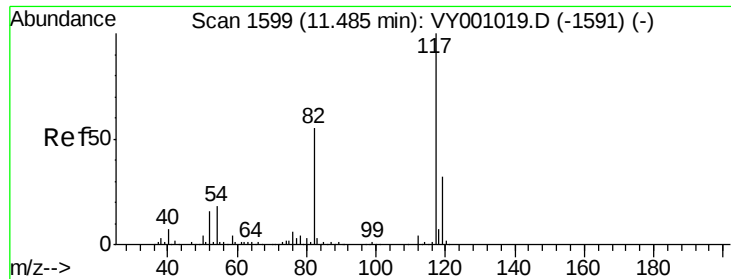


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

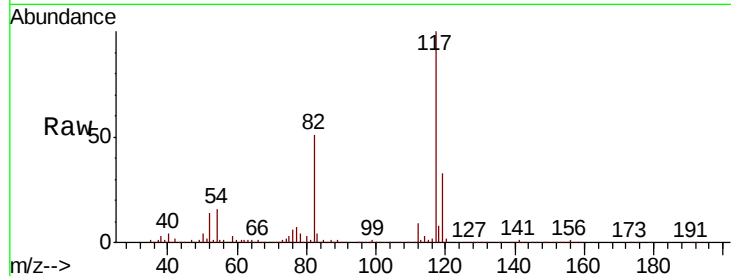




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	43.8	65.8
119	33.2	25.8	38.6

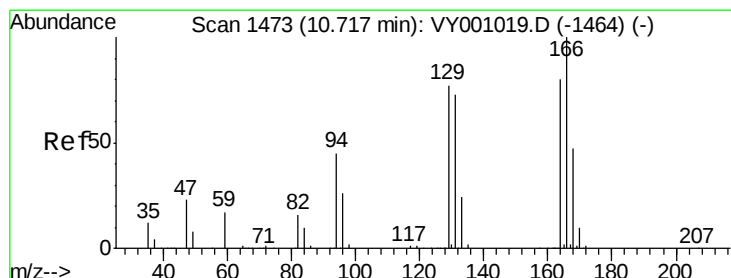
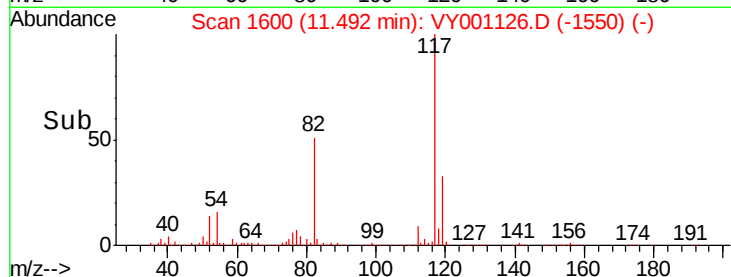
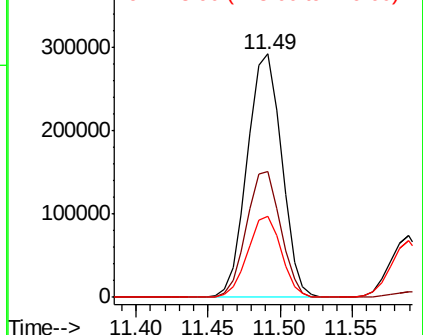


Abundance

Ion 116.90 (116.60 to 117.60): V

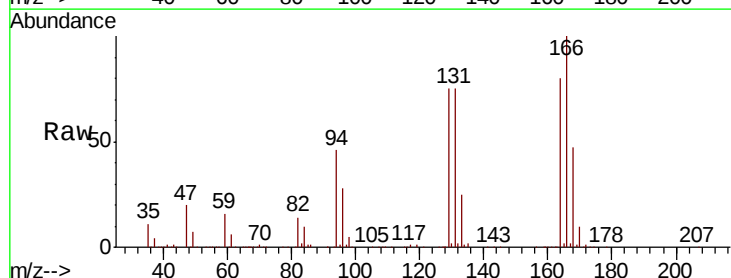
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.674 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	99.7	149.5
129	93.9	76.9	115.3
131	93.8	72.3	108.5



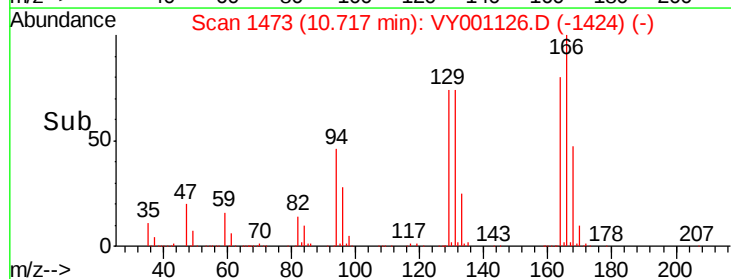
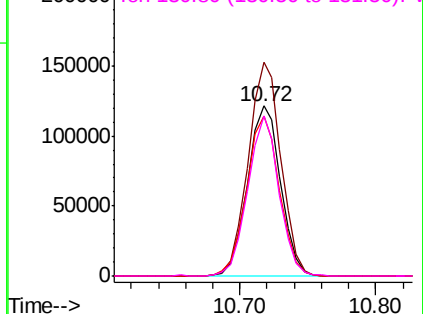
Abundance

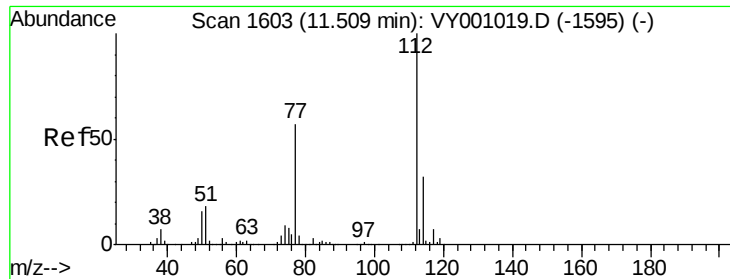
Ion 163.80 (163.50 to 164.50): V

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

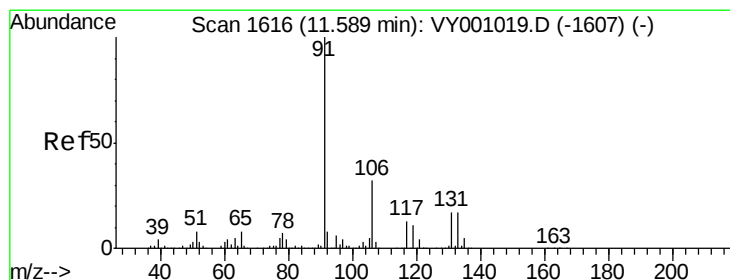
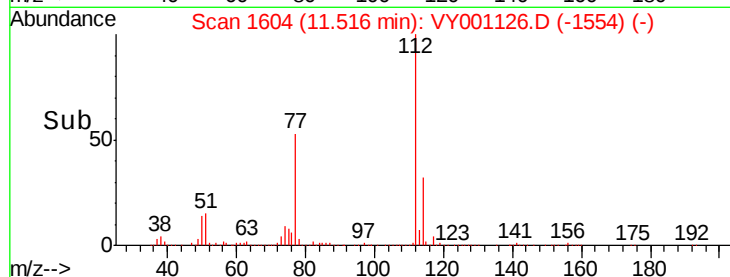
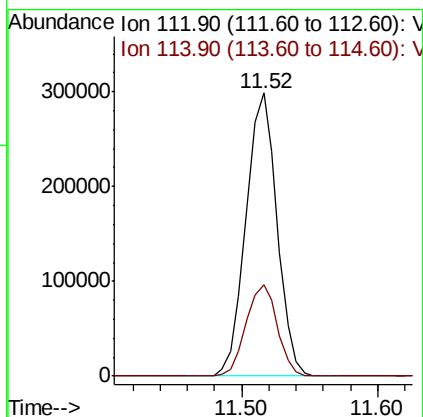
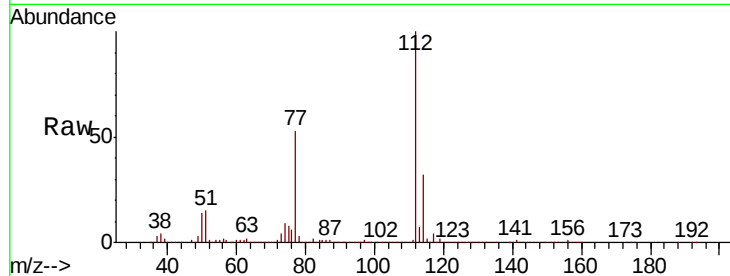




#65
Chlorobenzene
Concen: 47.940 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

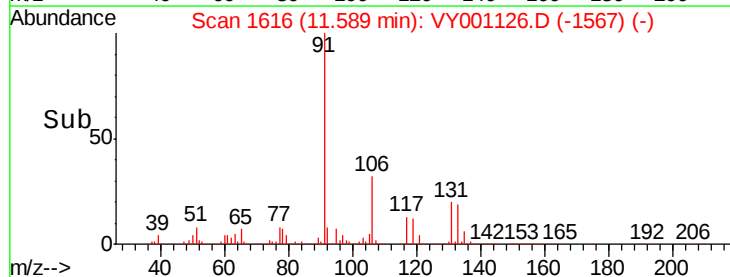
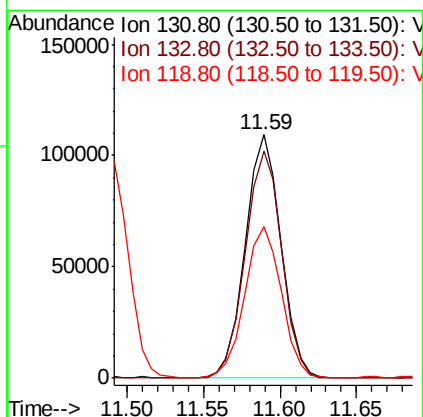
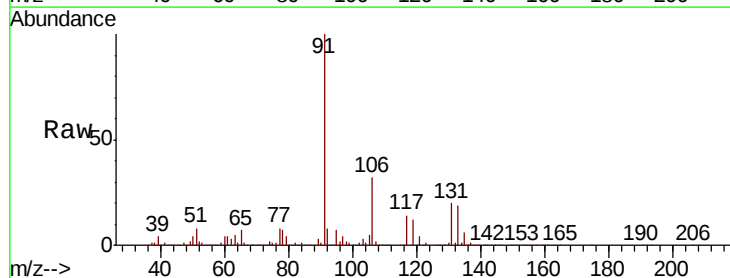
Instrument :
MSVOA_Y
ClientSampleId :

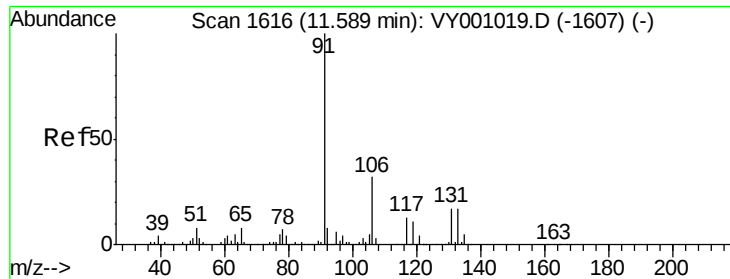
Tot Ion:112 Resp: 478967
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 53.609 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion:131 Resp: 176754
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.4
119 64.0 34.0 101.8

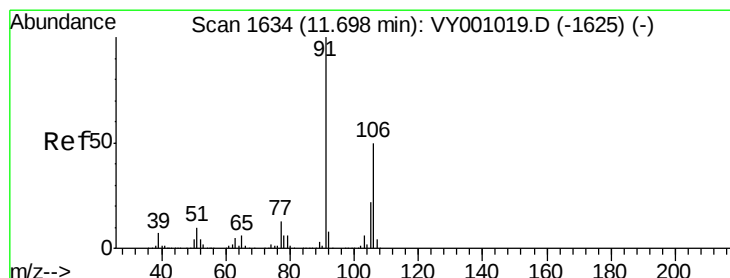
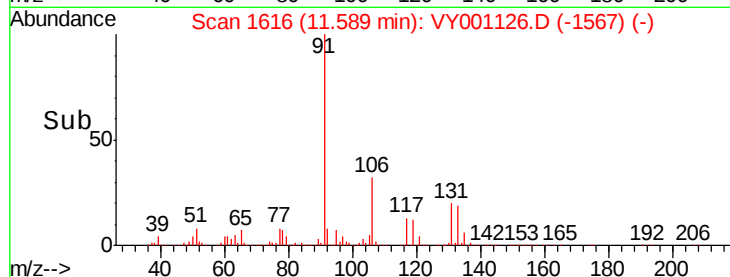
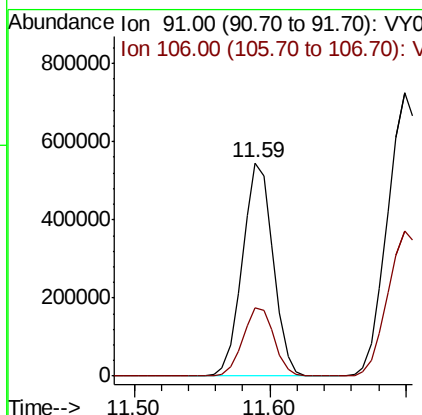
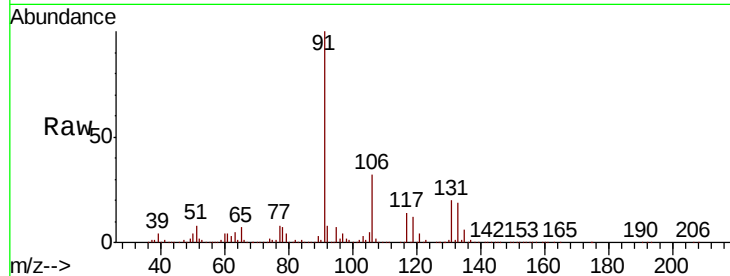




#67
Ethyl Benzene
Concen: 47.749 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

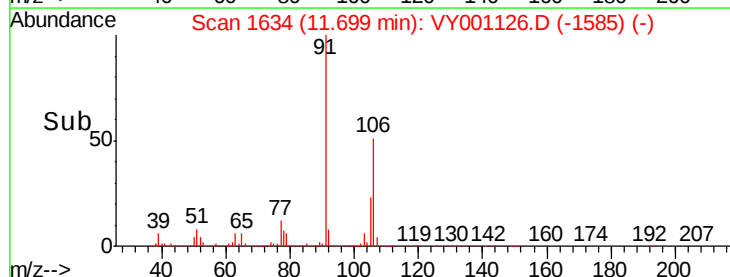
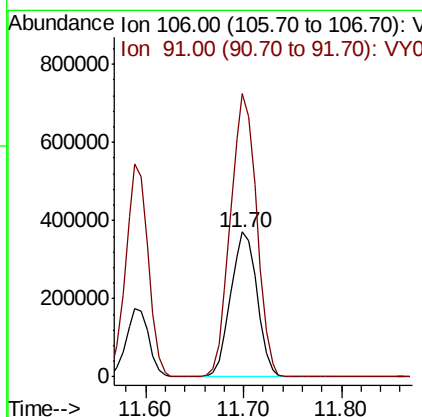
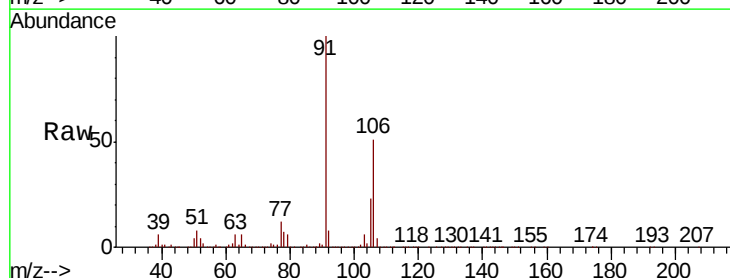
Instrument :
MSVOA_Y
ClientSampled :

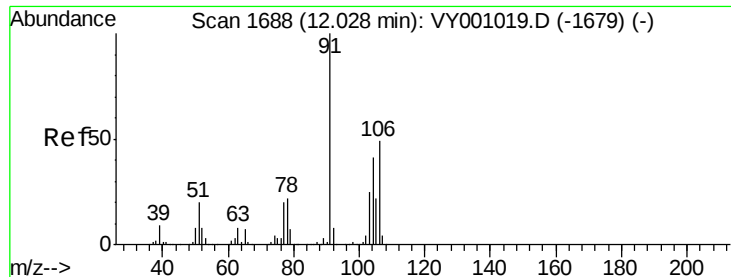
Tot Ion: 91 Resp: 858082
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9



#68
m/p-Xylenes
Concen: 101.750 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion: 106 Resp: 694281
Ion Ratio Lower Upper
106 100
91 193.9 156.4 234.6

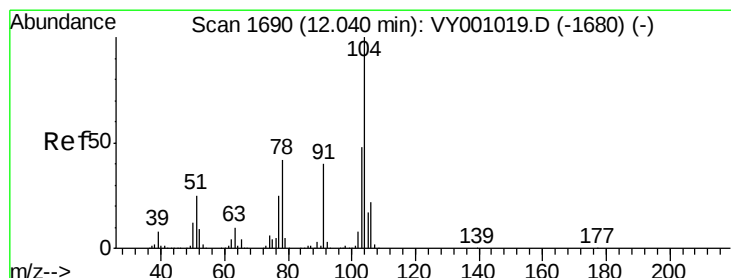
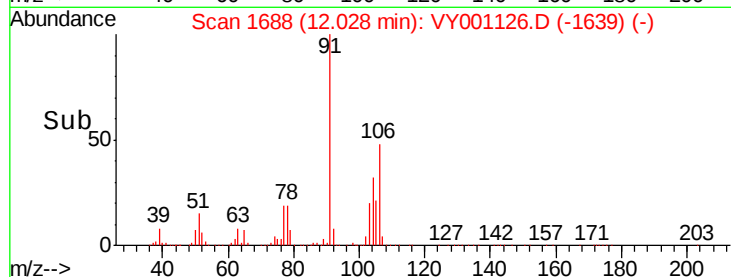
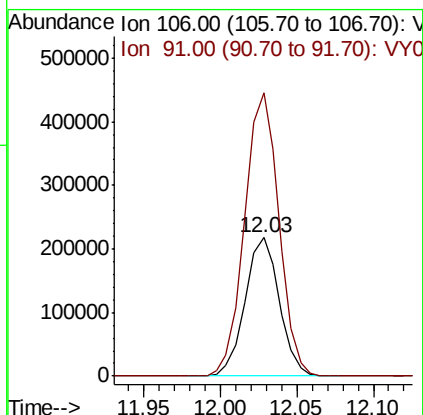
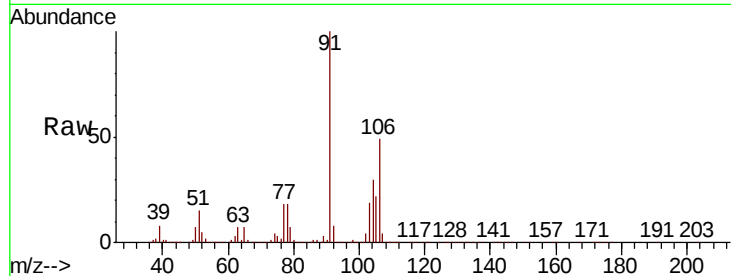




#69
o-Xylene
Concen: 52.590 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

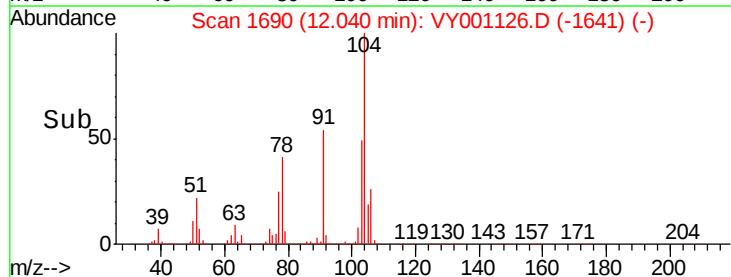
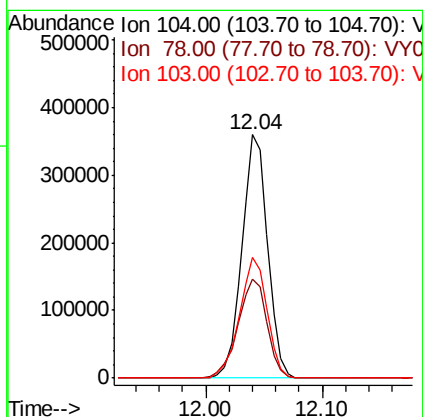
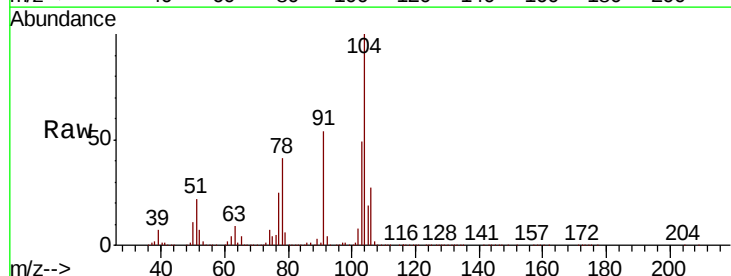
Instrument :
MSVOA_Y
ClientSampled :

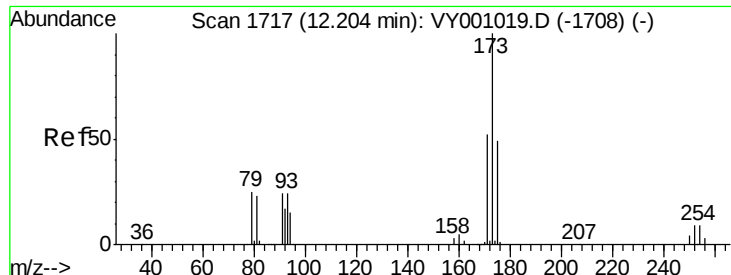
Tot Ion:106 Resp: 337585
Ion Ratio Lower Upper
106 100
91 206.2 103.0 309.0



#70
Styrene
Concen: 50.600 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion:104 Resp: 552301
Ion Ratio Lower Upper
104 100
78 46.1 36.6 54.8
103 53.4 42.6 64.0





#71

Bromoform

Concen: 52.770 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

ClientSampleId :

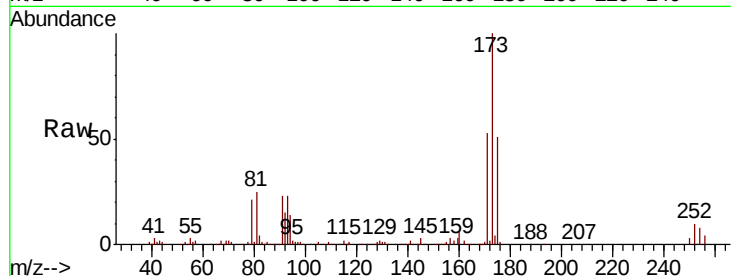
Tot Ion:173 Resp: 96879

Ion Ratio Lower Upper

173 100

175 50.5 24.5 73.5

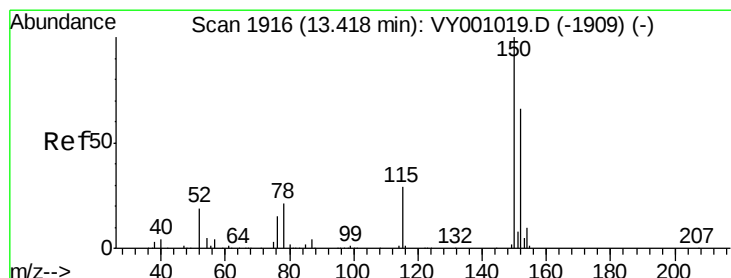
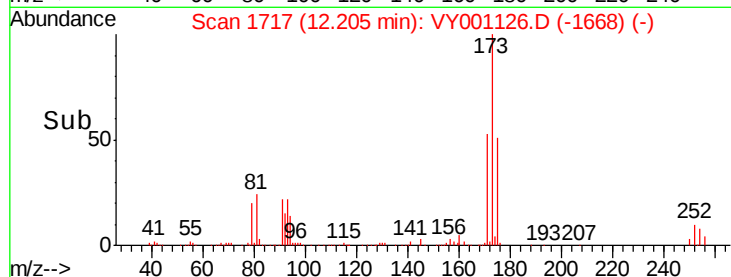
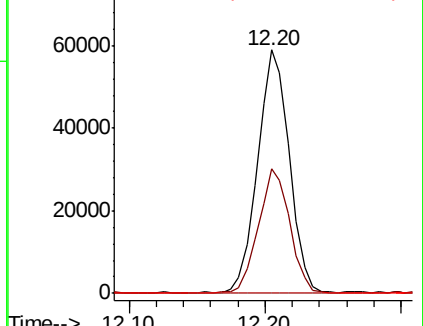
254 0.0 0.0 0.0



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: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

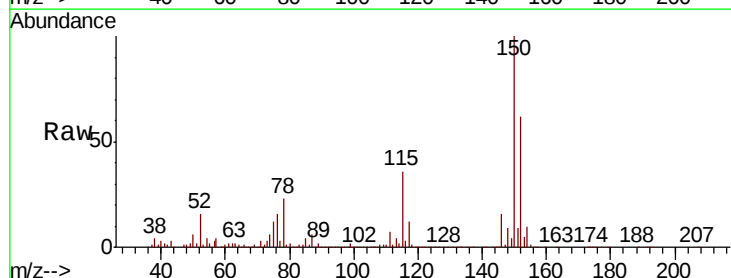
Tgt Ion:152 Resp: 229764

Ion Ratio Lower Upper

152 100

115 59.0 29.8 89.3

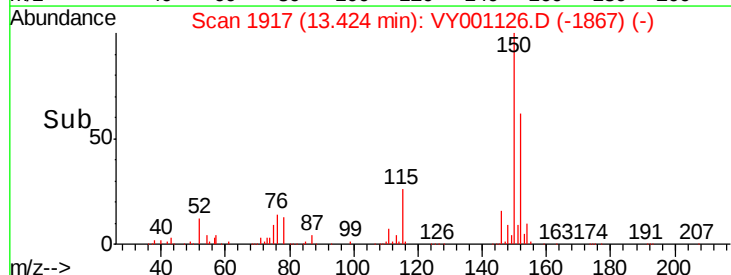
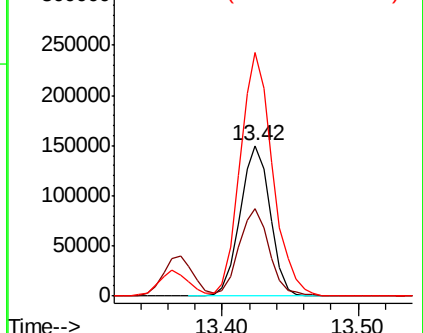
150 174.8 0.0 352.6

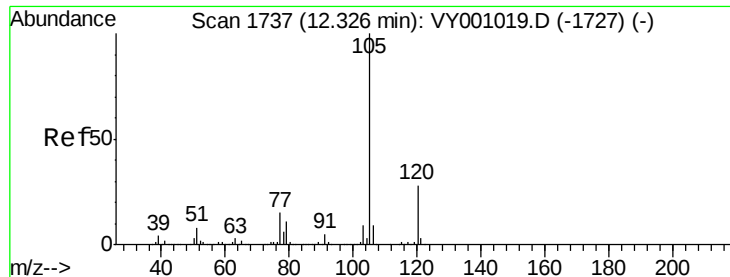


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.841 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

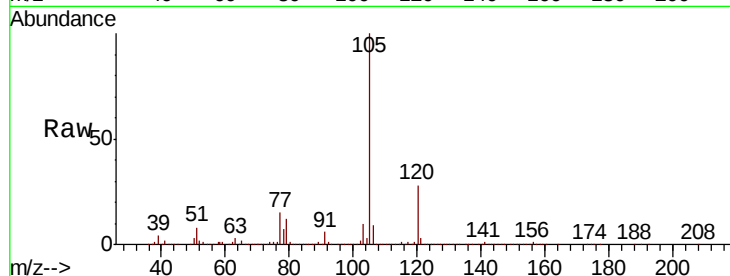
ClientSampleId :

Tot Ion:105 Resp: 850629

Ion Ratio Lower Upper

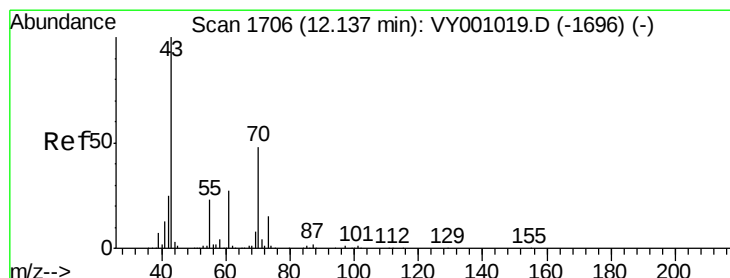
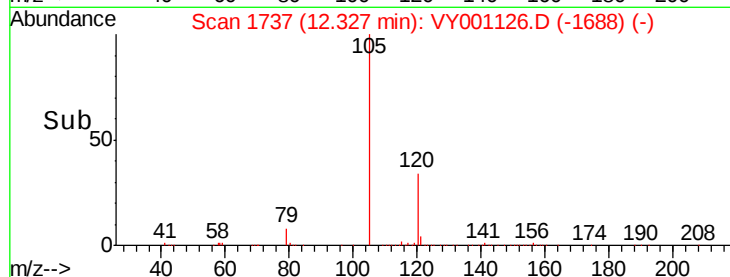
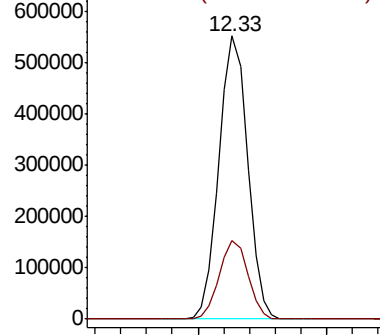
105 100

120 27.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 33.687 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Tgt Ion: 43 Resp: 157353

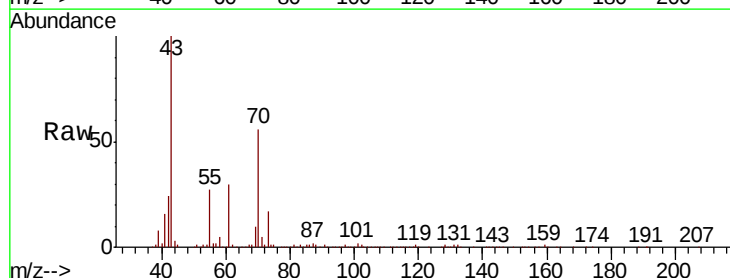
Ion Ratio Lower Upper

43 100

70 55.1 39.0 58.6

55 26.5 19.5 29.3

61 30.1 22.0 33.0

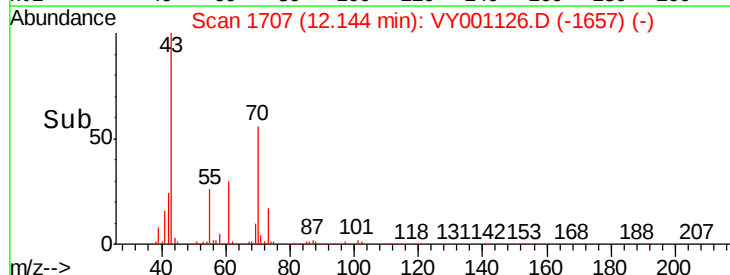
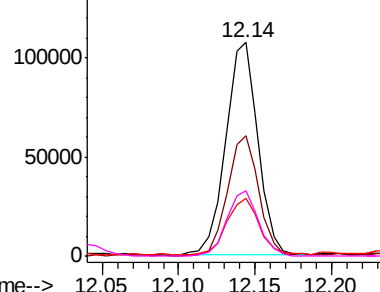


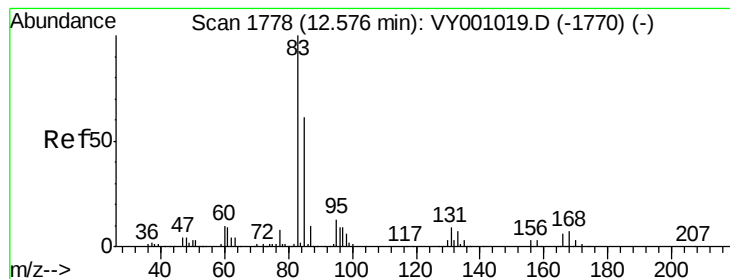
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 38.805 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

ClientSampled :

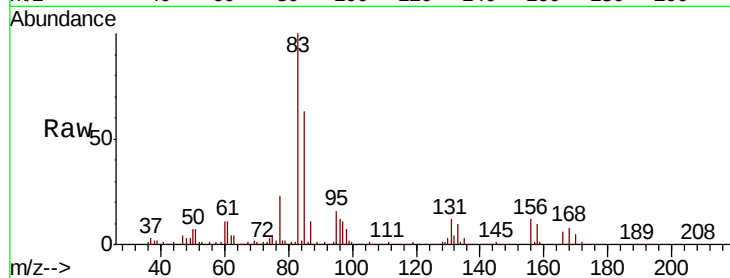
Tot Ion: 83 Resp: 135923

Ion Ratio Lower Upper

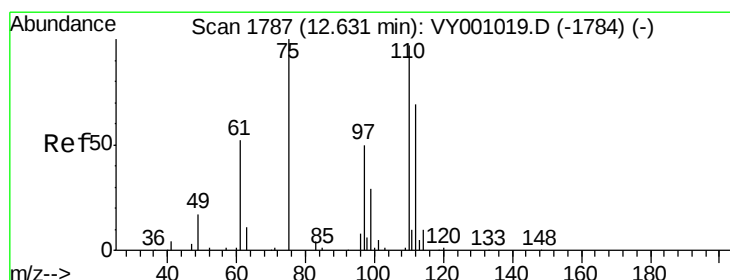
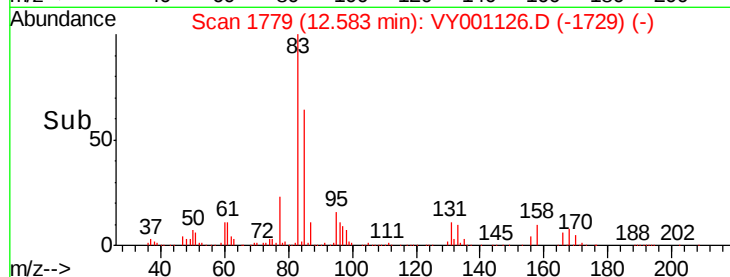
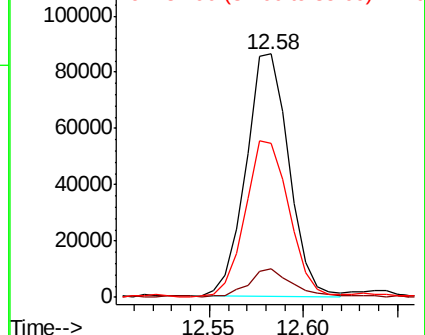
83 100

131 11.8 5.1 15.3

85 65.8 32.1 96.5



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



#76

1,2,3-Trichloropropane

Concen: 67.388 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001126.D

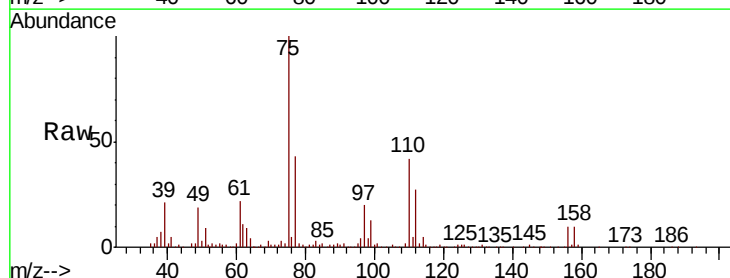
Acq: 30 Dec 2019 16:48

Tgt Ion: 75 Resp: 190878

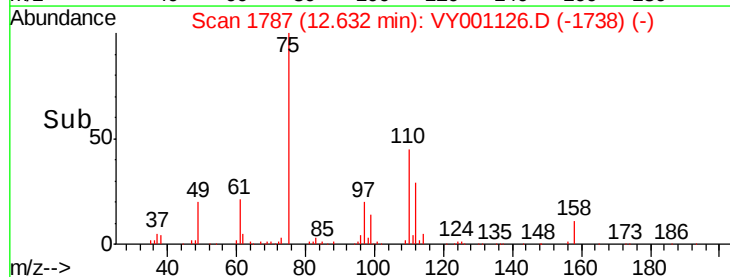
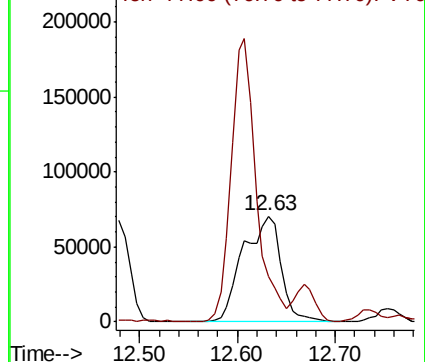
Ion Ratio Lower Upper

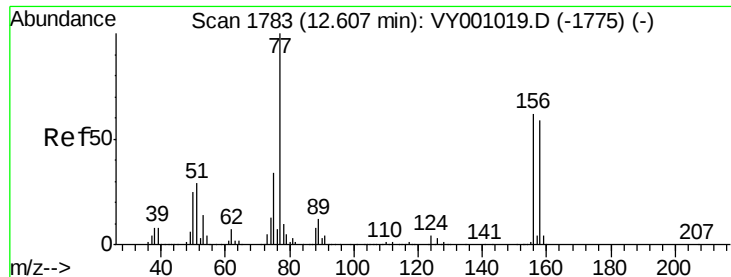
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 50.103 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

ClientSampleId :

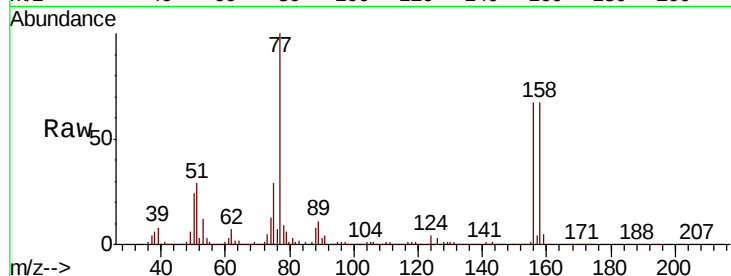
Tot Ion:156 Resp: 200355

Ion Ratio Lower Upper

156 100

77 166.7 98.0 294.1

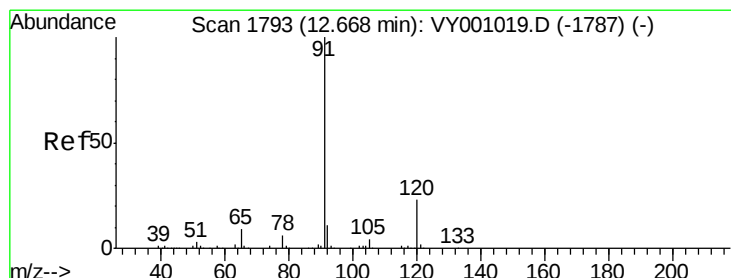
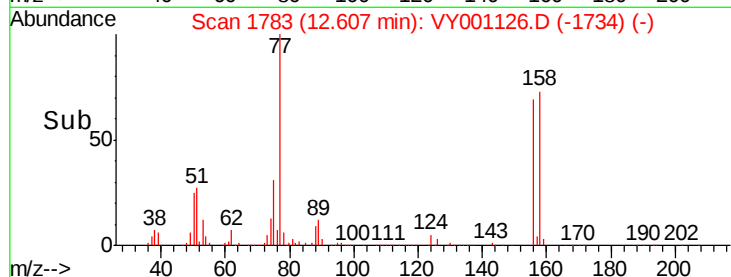
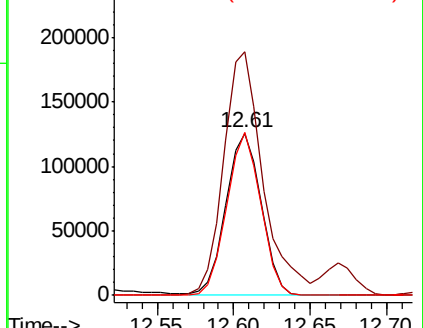
158 97.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.332 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001126.D

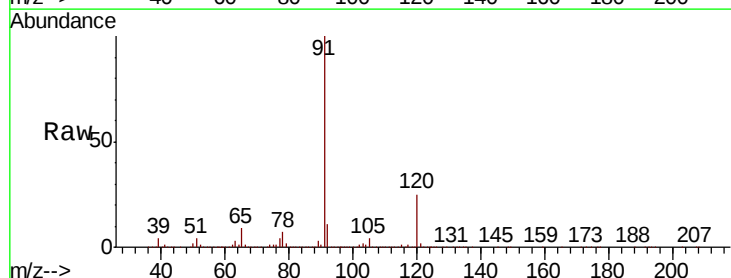
Acq: 30 Dec 2019 16:48

Tgt Ion: 91 Resp: 1003781

Ion Ratio Lower Upper

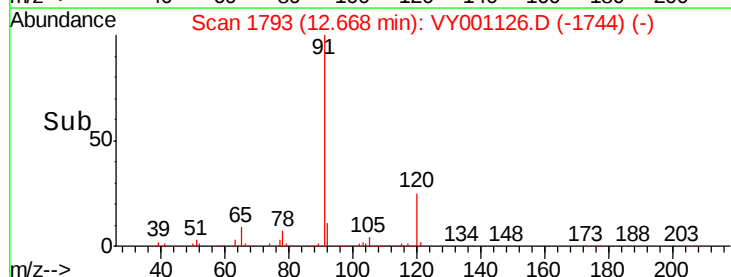
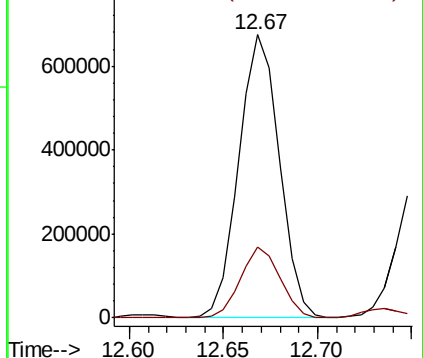
91 100

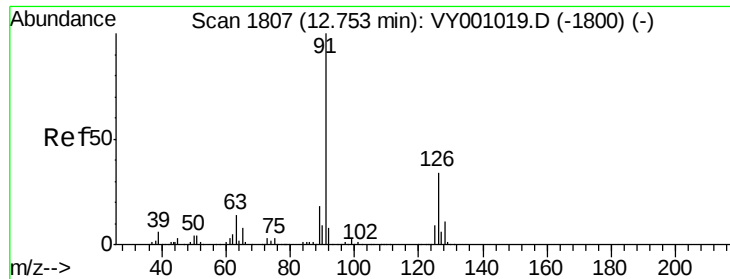
120 24.5 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

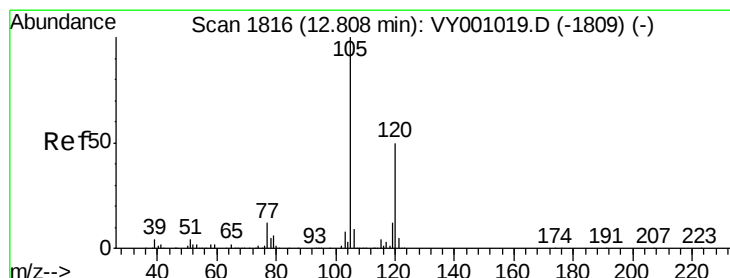
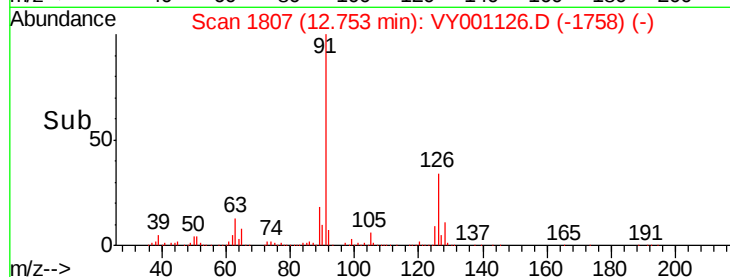
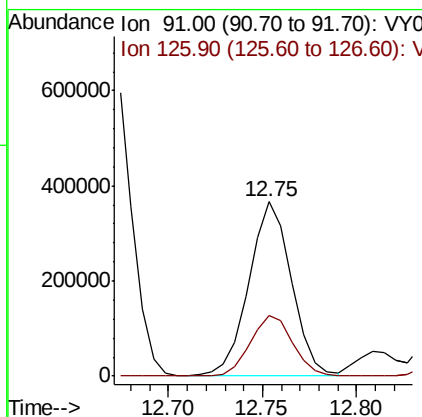
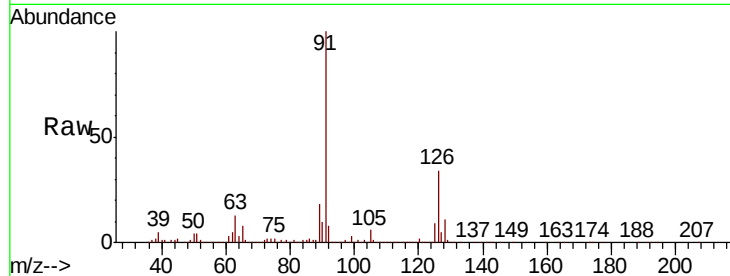




#79
 2-Chlorotoluene
 Concen: 47.843 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY001126.D
 Acq: 30 Dec 2019 16:48

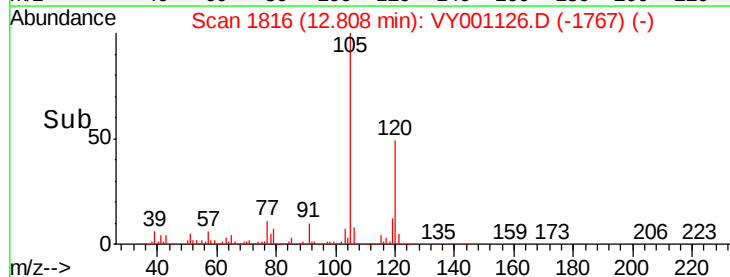
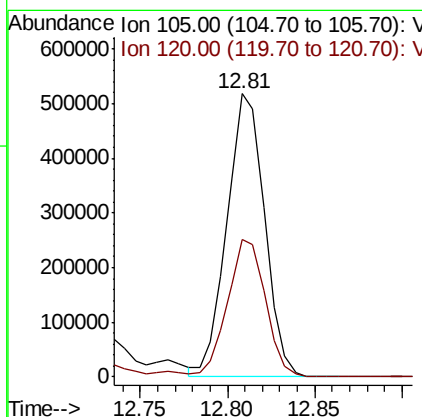
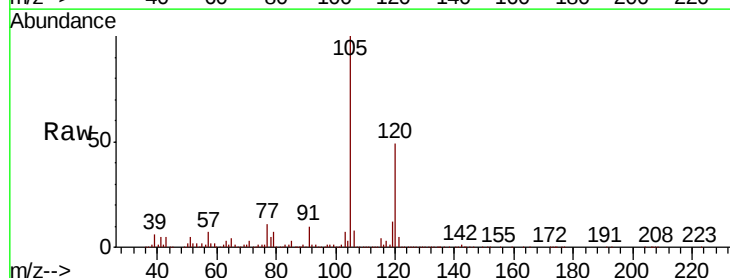
Instrument :
 MSVOA_Y
 ClientSampleId :

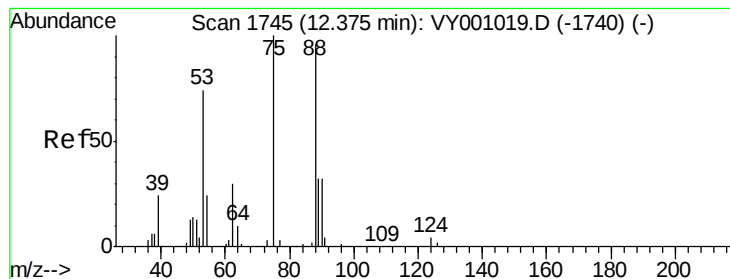
Tot Ion: 91 Resp: 572417
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 53.182 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY001126.D
 Acq: 30 Dec 2019 16:48

Tgt Ion: 105 Resp: 775089
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 39.697 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

ClientSampleId :

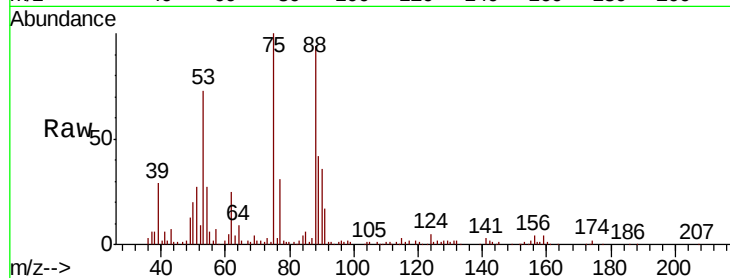
Tot Ion: 75 Resp: 52722

Ion Ratio Lower Upper

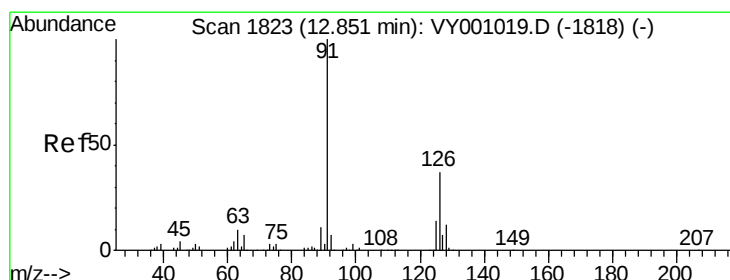
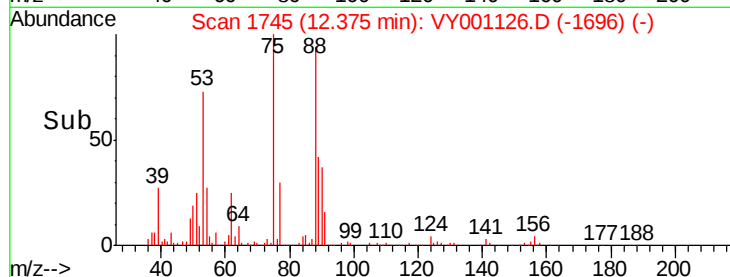
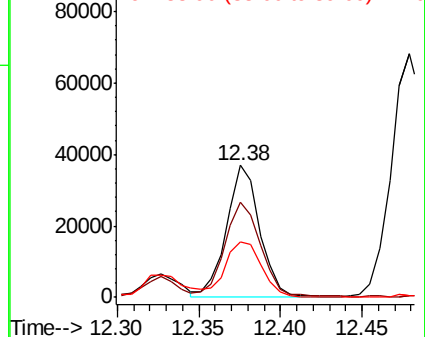
75 100

53 75.6 60.6 91.0

89 46.7 35.4 53.0



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: 46.227 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001126.D

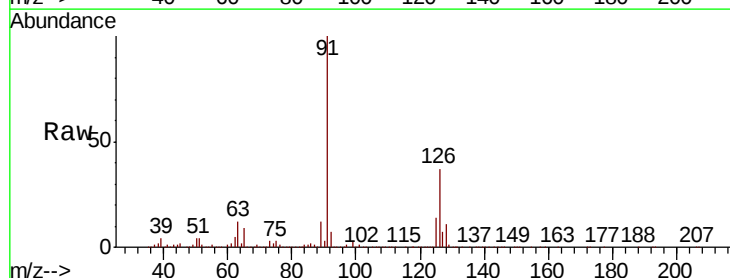
Acq: 30 Dec 2019 16:48

Tgt Ion: 91 Resp: 574470

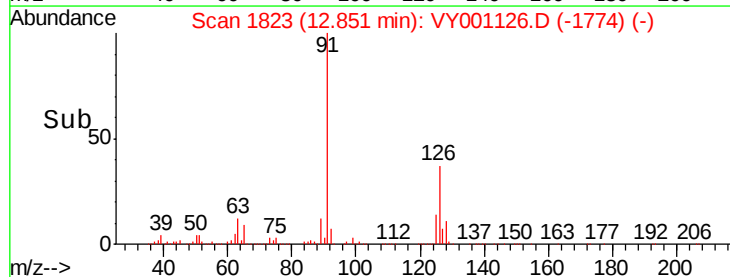
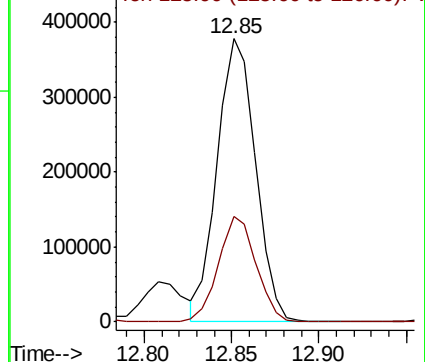
Ion Ratio Lower Upper

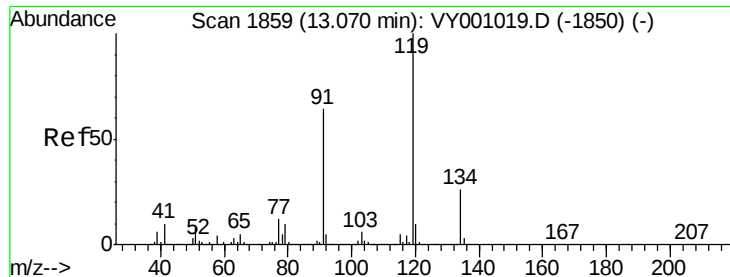
91 100

126 36.8 17.6 52.8



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

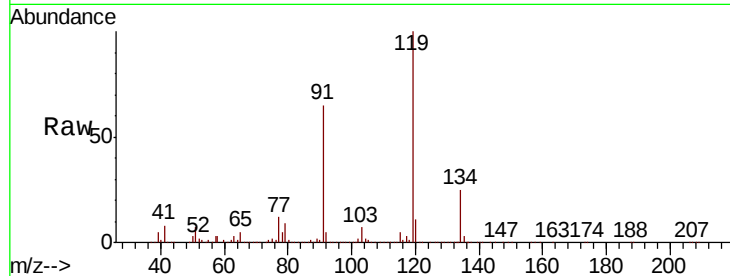




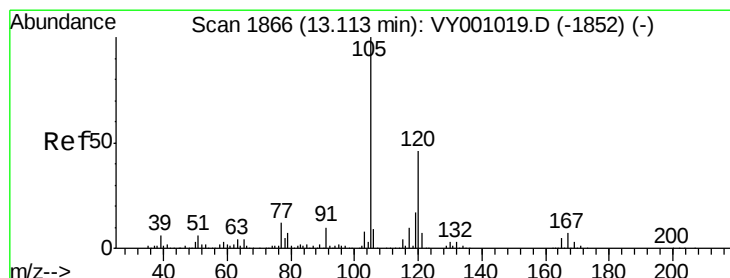
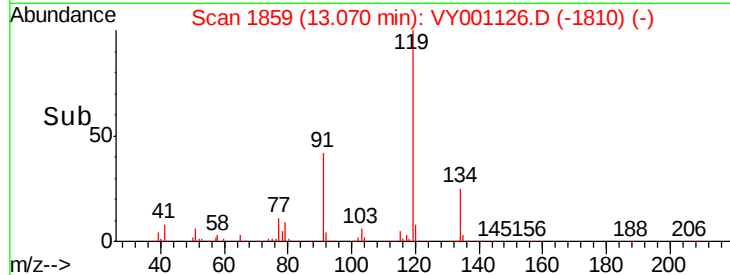
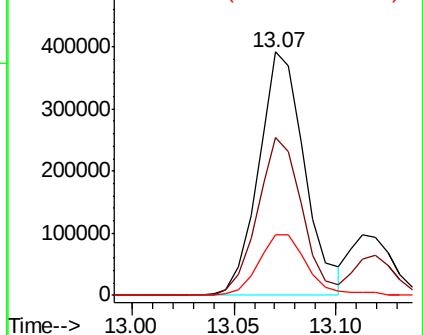
#83
tert-Butylbenzene
Concen: 50.297 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:119 Resp: 615346
Ion Ratio Lower Upper
119 100
91 62.5 31.9 95.7
134 26.3 13.6 40.7

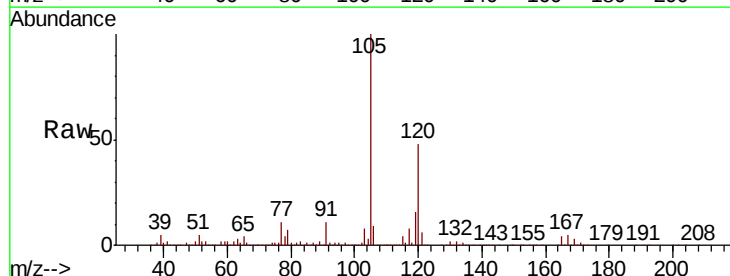


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

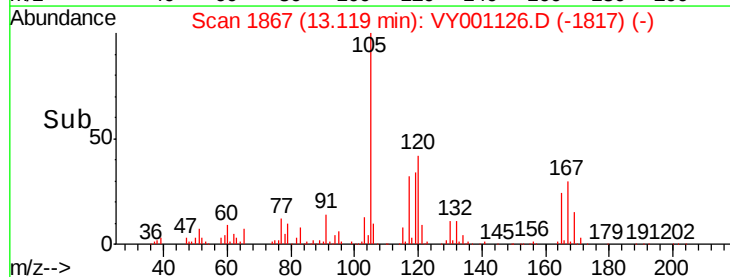
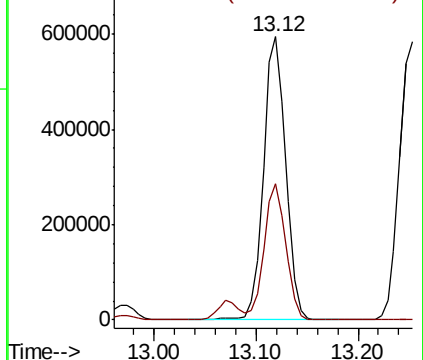


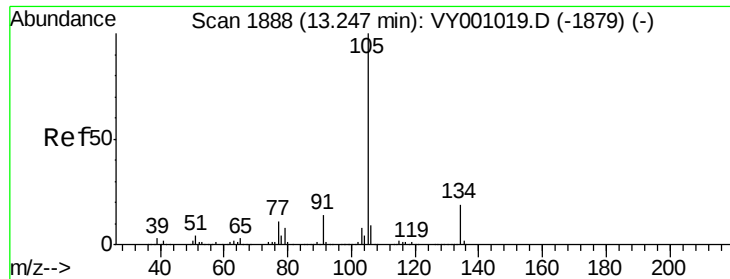
#84
1,2,4-Trimethylbenzene
Concen: 61.257 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion:105 Resp: 897145
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.2



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





#85

sec-Butylbenzene

Concen: 48.031 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

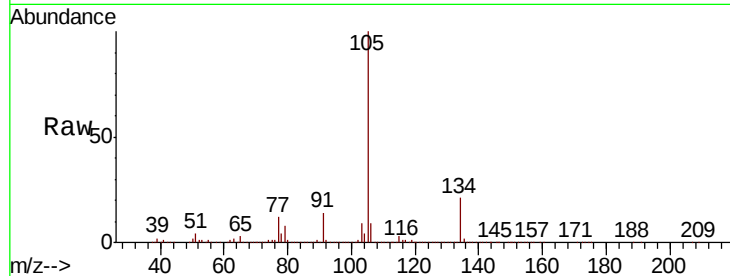
ClientSampleId :

Tot Ion:105 Resp: 866288

Ion Ratio Lower Upper

105 100

134 20.8 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

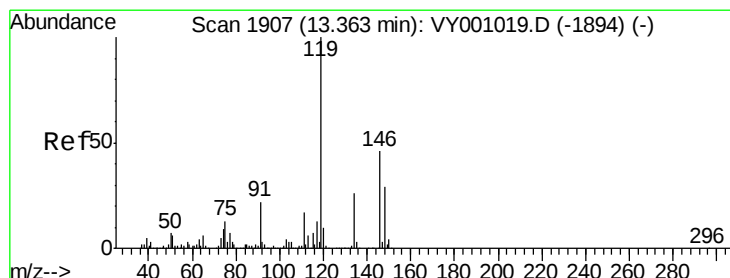
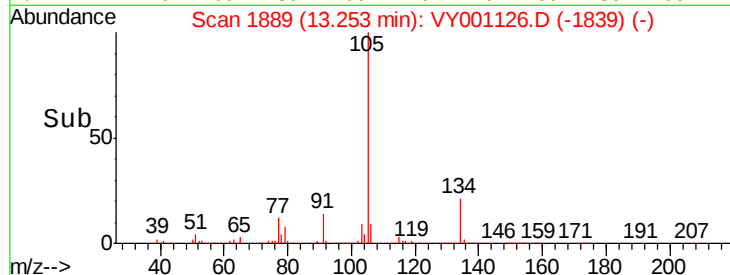
600000

400000

200000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 50.209 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

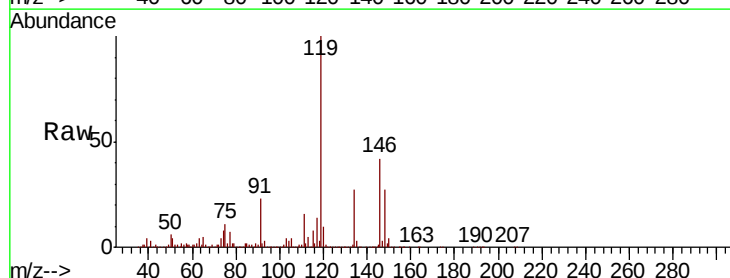
Tgt Ion:119 Resp: 783580

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 23.1 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

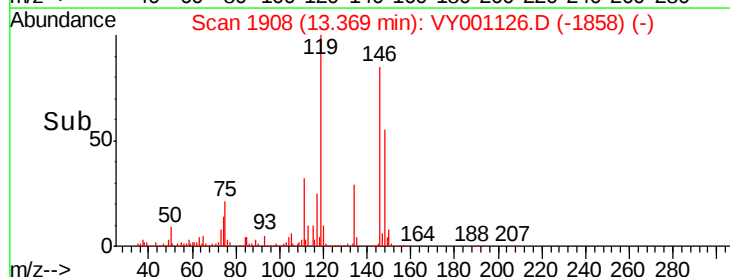
600000

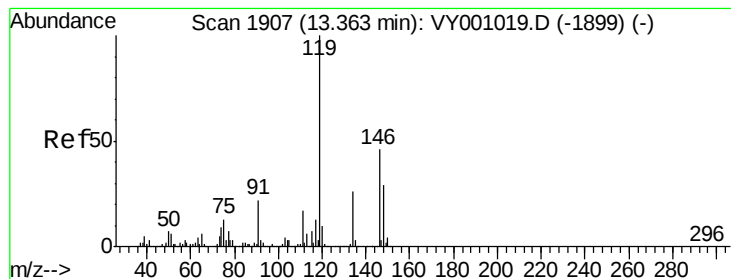
400000

200000

0

Time--> 13.30 13.35 13.40





#87

1,3-Dichlorobenzene

Concen: 49.992 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

ClientSampleId :

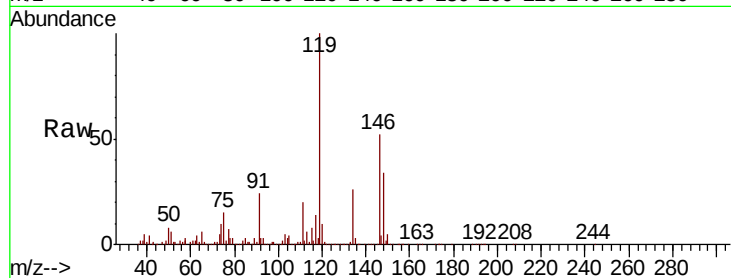
Tot Ion:146 Resp: 383947

Ion Ratio Lower Upper

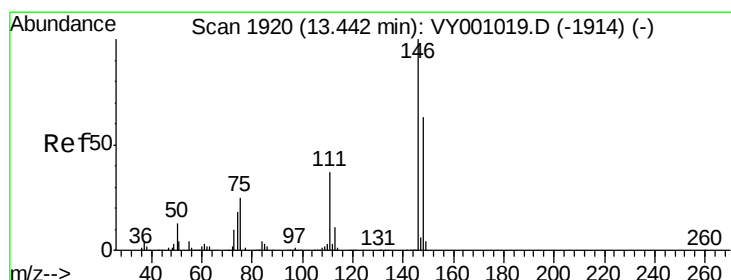
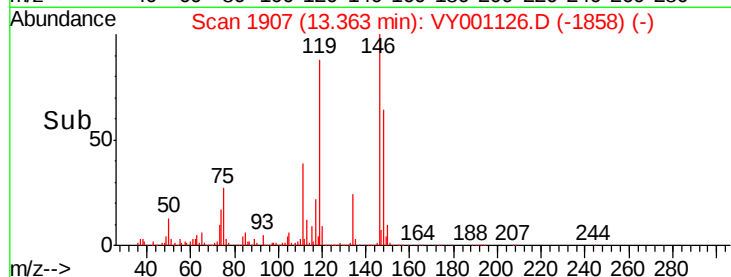
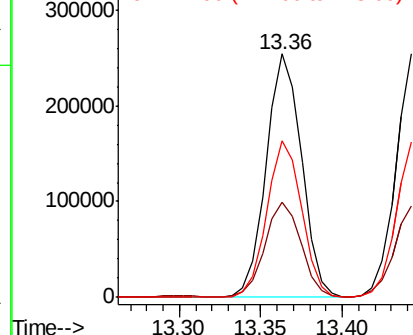
146 100

111 39.3 19.7 59.0

148 63.2 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 49.330 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

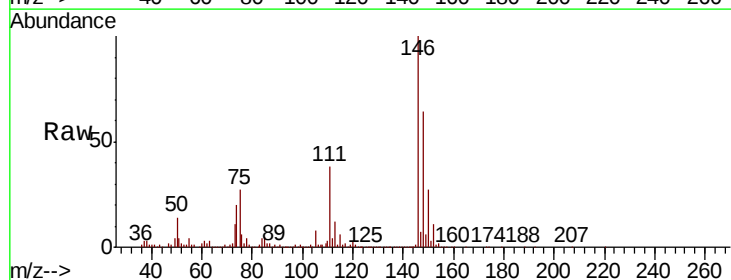
Tgt Ion:146 Resp: 382186

Ion Ratio Lower Upper

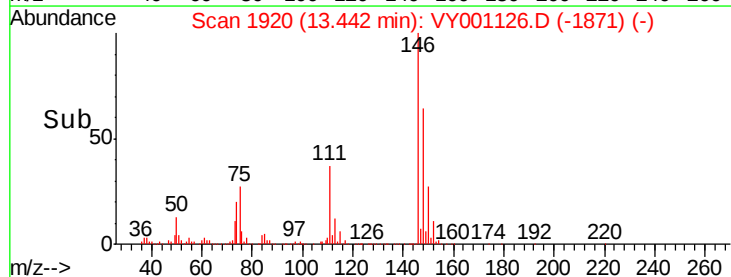
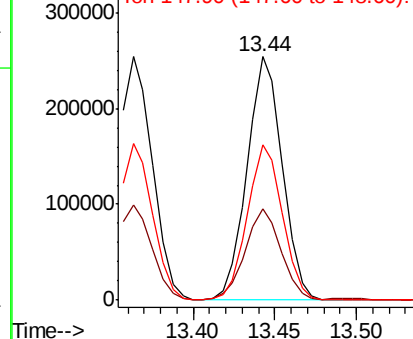
146 100

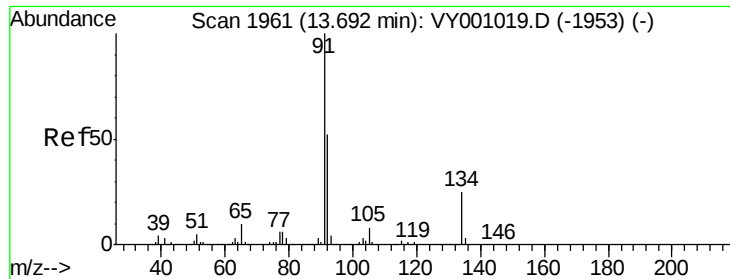
111 37.7 19.4 58.2

148 63.7 31.8 95.3



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

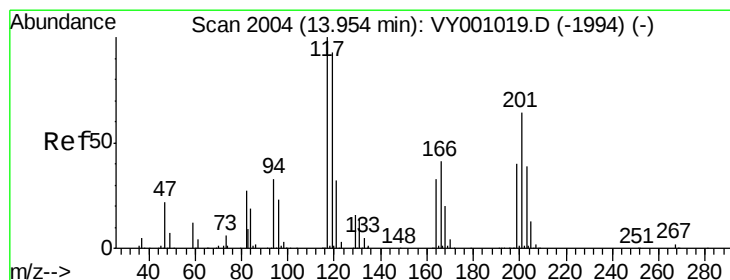
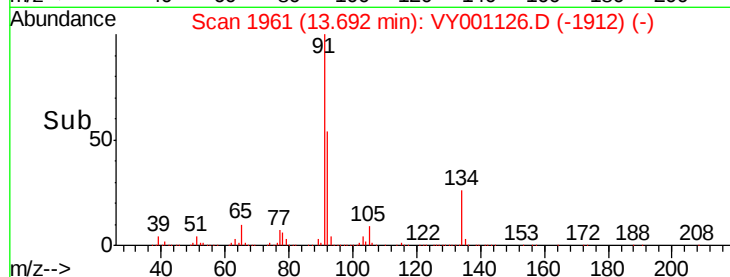
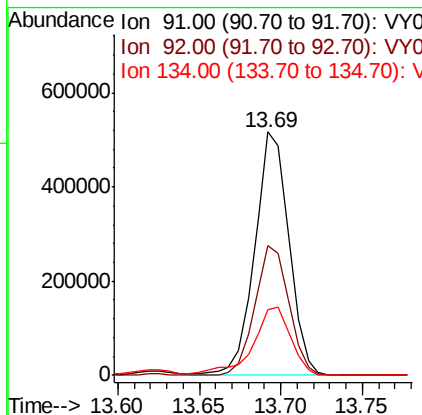
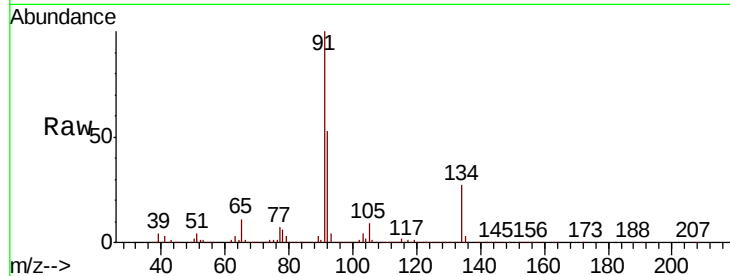




#89
n-Butylbenzene
Concen: 47.591 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

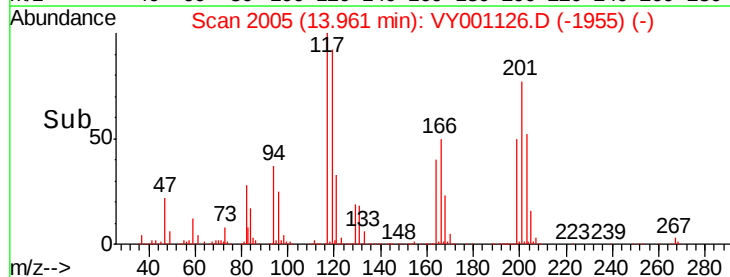
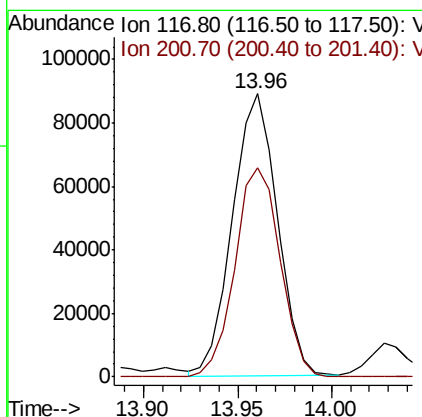
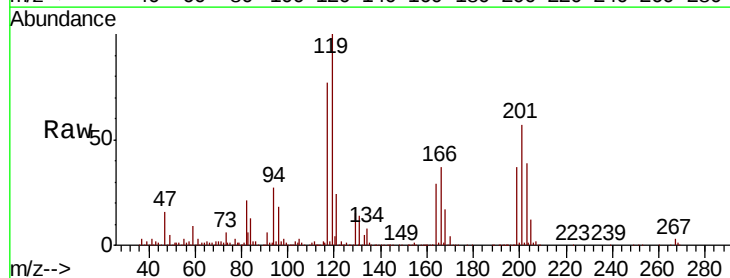
Instrument :
MSVOA_Y
ClientSampleId :

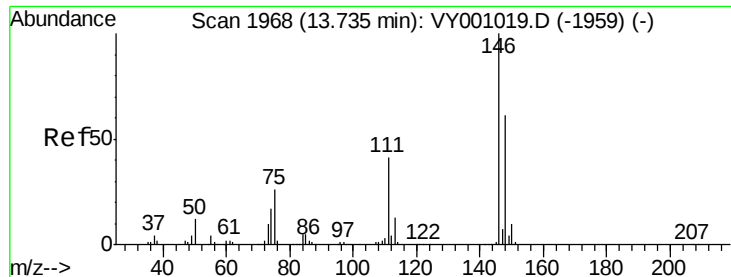
Tot Ion: 91 Resp: 747264
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 31.2 12.7 38.0



#90
Hexachloroethane
Concen: 49.891 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion: 117 Resp: 146694
Ion Ratio Lower Upper
117 100
201 74.7 33.7 101.1





#91

1,2-Dichlorobenzene

Concen: 48.559 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

Instrument :

MSVOA_Y

ClientSampled :

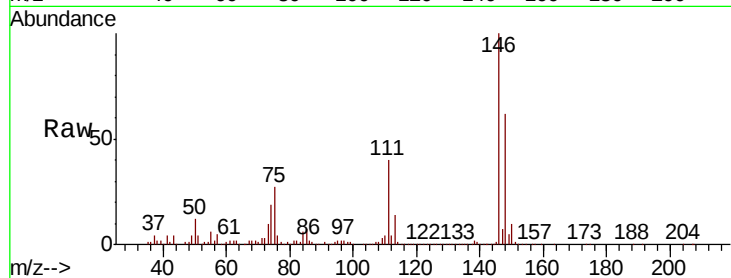
Tot Ion:146 Resp: 344020

Ion Ratio Lower Upper

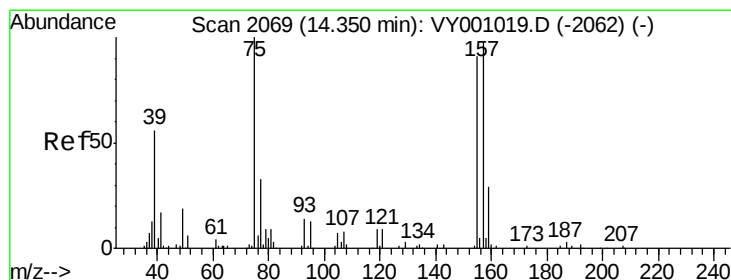
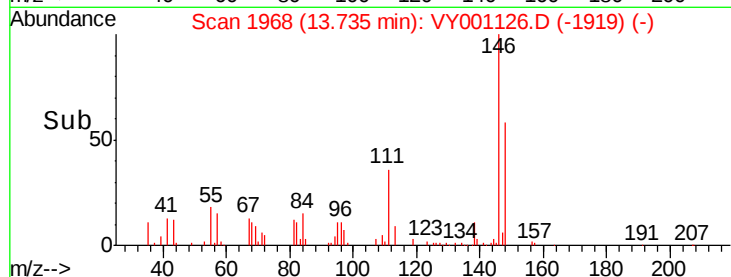
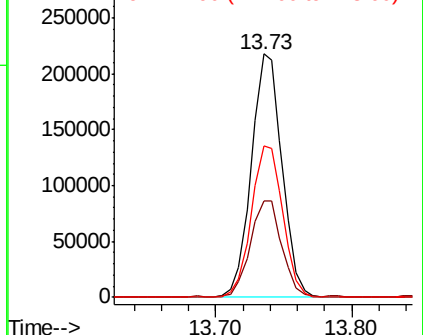
146 100

111 40.3 20.6 61.9

148 63.7 31.6 94.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.145 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.01 min

Lab File: VY001126.D

Acq: 30 Dec 2019 16:48

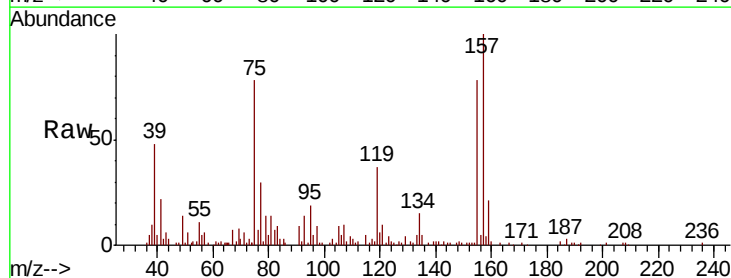
Tgt Ion: 75 Resp: 23526

Ion Ratio Lower Upper

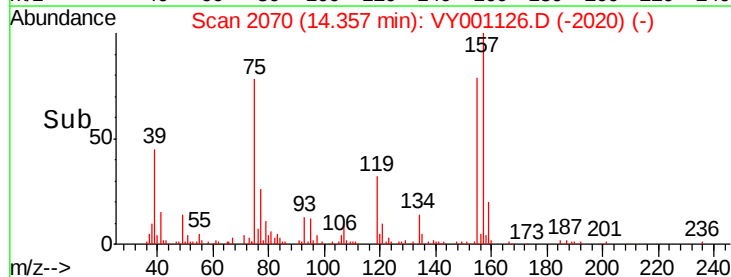
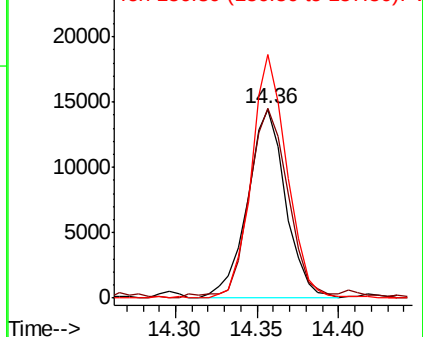
75 100

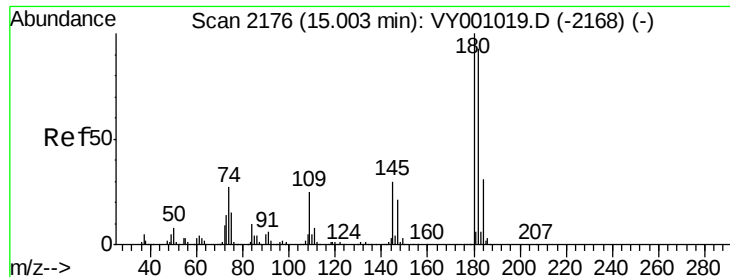
155 103.1 46.3 138.9

157 120.1 58.1 174.4



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

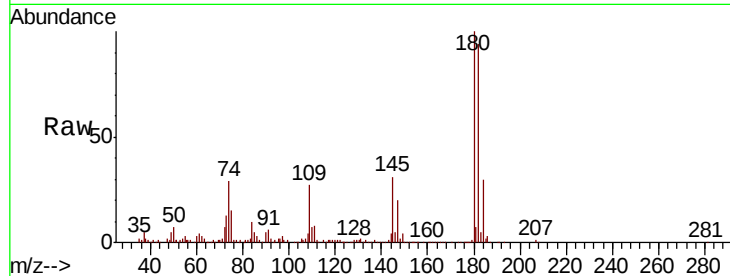




#93
 1,2,4-Trichlorobenzene
 Concen: 48.310 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001126.D
 Acq: 30 Dec 2019 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.8	140.3
145	35.6	15.3	45.9

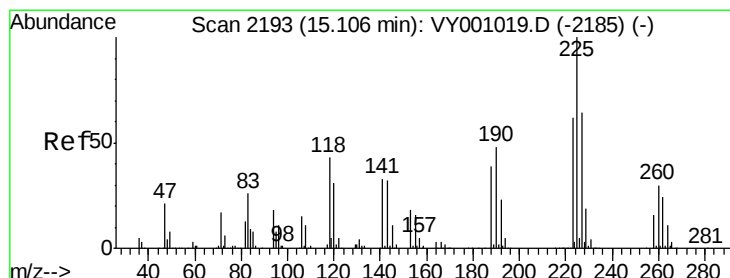
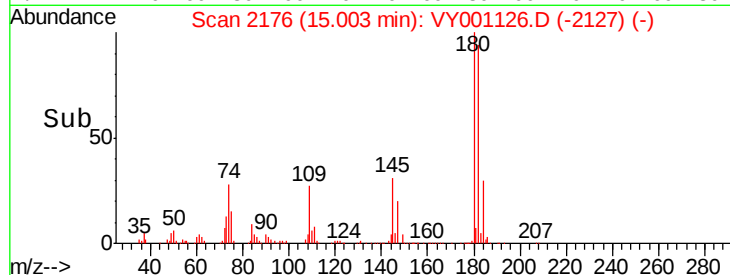
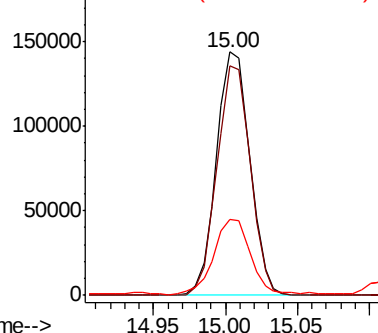


Abundance

Ion 179.80 (179.50 to 180.50): V

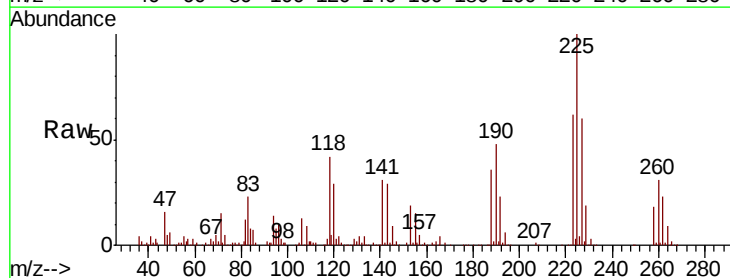
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 52.440 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY001126.D
 Acq: 30 Dec 2019 16:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.6	94.8
227	65.2	31.9	95.5

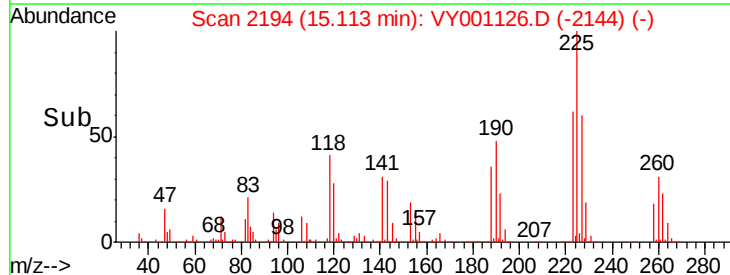
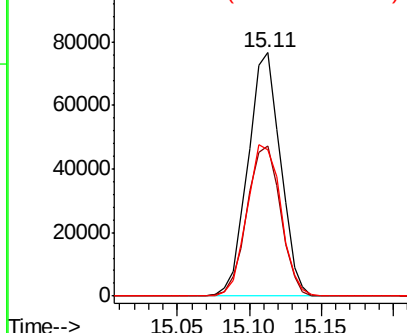


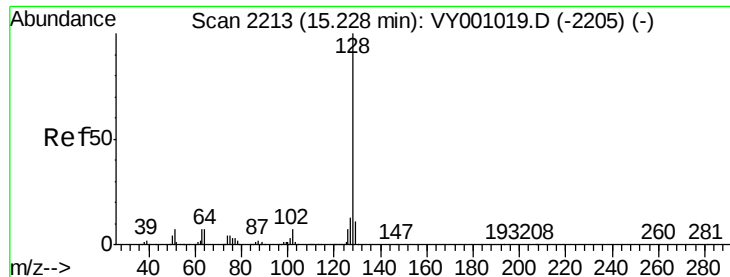
Abundance

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

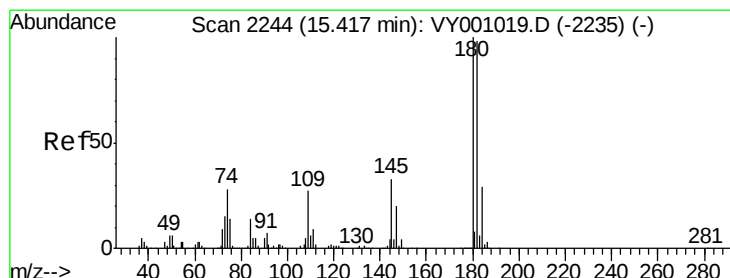
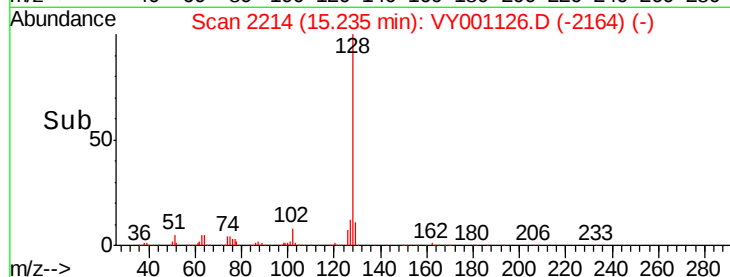
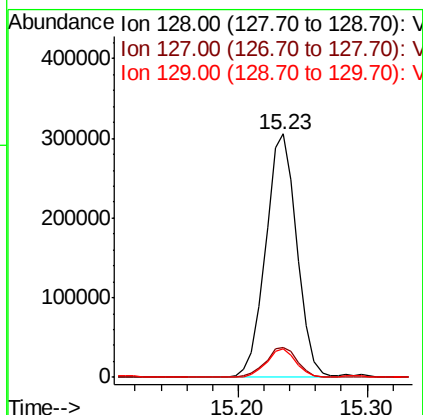
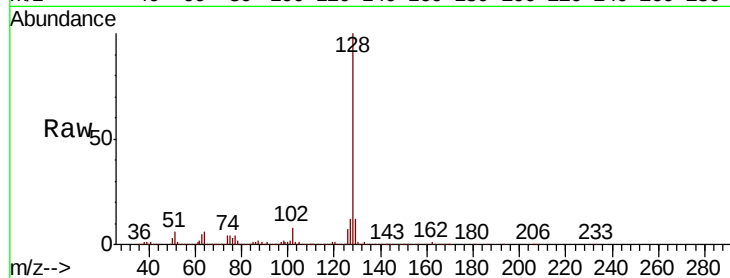




#95
Naphthalene
Concen: 45.589 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.9	14.9
129	11.2	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.013 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001126.D
Acq: 30 Dec 2019 16:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.8
145	37.6	16.3	48.9

