

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122419\
 Data File : VY001041.D
 Acq On : 24 Dec 2019 12:42
 Operator : SY/MD
 Sample : K6396-04MS
 Misc : 6.30G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

Quant Time: Dec 25 01:35:59 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	7.81	168	1511	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.69	114	1951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	1454	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	297	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	547	36.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	73.40%	
35) Dibromofluoromethane	7.73	113	171	14.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	29.76%	
50) Toluene-d8	10.17	98	2733	60.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	121.74%	
62) 4-Bromofluorobenzene	12.47	95	512	31.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	62.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	503	38.203	ug/l	97
3) Chloromethane	2.12	50	1081	60.325	ug/l #	77
4) Vinyl Chloride	2.25	62	741	42.580	ug/l #	43
5) Bromomethane	2.68	94	323	28.365	ug/l	81
6) Chloroethane	2.79	64	199	18.360	ug/l #	40
7) Trichlorofluoromethane	3.14	101	873	34.202	ug/l	97
8) Diethyl Ether	3.53	74	397	38.103	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.90	101	529	31.551	ug/l #	70
10) Methyl Iodide	4.08	142	341	14.720	ug/l #	84
11) Tert butyl alcohol	4.92	59	18	10.985	ug/l #	74
12) 1,1-Dichloroethene	3.87	96	983	57.909	ug/l #	45
13) Acrolein	3.75	56	23	11.329	ug/l #	1
14) Allyl chloride	4.48	41	289	10.959	ug/l #	23
15) Acrylonitrile	5.18	53	244	46.858	ug/l #	64
16) Acetone	3.97	43	933	271.760	ug/l #	35
17) Carbon Disulfide	4.21	76	1769	31.892	ug/l #	76
18) Methyl Acetate	4.48	43	240	18.221	ug/l #	49
19) Methyl tert-butyl Ether	5.24	73	372	8.491	ug/l #	52
20) Methylene Chloride	4.72	84	792	39.193	ug/l #	63
21) trans-1,2-Dichloroethene	5.22	96	641	34.073	ug/l	92
22) Diisopropyl ether	6.11	45	2135	40.055	ug/l #	84
23) Vinyl Acetate	6.13	43	915	27.182	ug/l #	69
24) 1,1-Dichloroethane	6.03	63	964	30.604	ug/l #	81
25) 2-Butanone	7.02	43	163	27.026	ug/l #	47
26) 2,2-Dichloropropane	6.99	77	96	3.710	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	891	43.110	ug/l #	6
28) Bromochloromethane	7.35	49	140	11.391	ug/l #	14
29) Tetrahydrofuran	7.34	42	358	83.447	ug/l #	48
30) Chloroform	7.50	83	979	32.869	ug/l	90
31) Cyclohexane	7.80	56	1038	31.339	ug/l	87
32) 1,1,1-Trichloroethane	7.72	97	344	13.539	ug/l #	42
36) 1,1-Dichloropropene	7.93	75	901	48.409	ug/l #	45
37) Ethyl Acetate	7.08	43	70	6.792	ug/l #	66
38) Carbon Tetrachloride	7.91	117	349	21.402	ug/l #	26

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

39) Methylcyclohexane	9.19	83	1180	47.741	ug/l	98
40) Benzene	8.16	78	2808	50.008	ug/l	93
41) Methacrylonitrile	7.32	41	137	30.662	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	376	28.008	ug/l #	70
43) Isopropyl Acetate	8.27	43	23	1.206	ug/l #	50
44) Trichloroethene	8.94	130	827	55.899	ug/l	77
45) 1,2-Dichloropropane	9.23	63	415	29.461	ug/l #	43
46) Dibromomethane	9.31	93	244	33.602	ug/l #	88
47) Bromodichloromethane	9.50	83	376	22.354	ug/l #	91
48) Methyl methacrylate	9.28	41	35	4.299	ug/l #	9
49) 1,4-Dioxane	9.30	88	20	188.285	ug/l #	1
51) 4-Methyl-2-Pentanone	10.07	43	1230	123.697	ug/l	91
52) Toluene	10.24	92	1550	44.849	ug/l #	69
53) t-1,3-Dichloropropene	10.47	75	21	1.150	ug/l #	42
54) cis-1,3-Dichloropropene	9.94	75	166	7.563	ug/l #	40
55) 1,1,2-Trichloroethane	10.64	97	210	19.372	ug/l #	59
56) Ethyl methacrylate	10.50	69	244	15.815	ug/l #	59
57) 1,3-Dichloropropane	10.79	76	461	24.262	ug/l #	51
58) 2-Chloroethyl Vinyl ether	9.63	63	19	3.188	ug/l #	46
59) 2-Hexanone	10.83	43	628	91.273	ug/l	63
60) Dibromochloromethane	10.99	129	41	3.541	ug/l #	10
61) 1,2-Dibromoethane	11.08	107	60	5.788	ug/l #	1
64) Tetrachloroethene	10.72	164	1088	86.483	ug/l #	49
65) Chlorobenzene	11.52	112	1224	40.583	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.58	131	132	13.262	ug/l #	17
67) Ethyl Benzene	11.59	91	2593	47.798	ug/l #	72
68) m/p-Xylenes	11.70	106	1960	95.155	ug/l #	69
69) o-Xylene	12.03	106	654	33.750	ug/l	38
70) Styrene	12.03	104	769	23.339	ug/l #	73
71) Bromoform	12.21	173	45	8.120	ug/l #	28
73) Isopropylbenzene	12.33	105	1868	81.277	ug/l	97
74) N-amyl acetate	12.14	43	175	28.983	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.58	83	84	18.552	ug/l #	25
76) 1,2,3-Trichloropropane	12.63	75	112	30.589	ug/l #	100
77) Bromobenzene	12.61	156	297	57.458	ug/l	86
78) n-propylbenzene	12.67	91	2014	71.916	ug/l	96
79) 2-Chlorotoluene	12.75	91	1063	68.733	ug/l	92
80) 1,3,5-Trimethylbenzene	12.81	105	1331	70.651	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.48	75	244	142.130	ug/l #	19
82) 4-Chlorotoluene	12.84	91	1081	67.294	ug/l	74
83) tert-Butylbenzene	13.06	119	1177	74.427	ug/l	88
84) 1,2,4-Trimethylbenzene	13.12	105	1000	52.823	ug/l	98
85) sec-Butylbenzene	13.25	105	1373	58.892	ug/l	87
86) p-Isopropyltoluene	13.36	119	1025	50.810	ug/l	92
87) 1,3-Dichlorobenzene	13.45	146	451	45.429	ug/l	79
88) 1,4-Dichlorobenzene	13.45	146	451	45.034	ug/l	79
89) n-Butylbenzene	13.70	91	580	28.576	ug/l	71
91) 1,2-Dichlorobenzene	13.74	146	526	57.438	ug/l #	63
92) 1,2-Dibromo-3-Chloropropan	14.36	75	43	56.764	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.00	180	61	9.869	ug/l #	46

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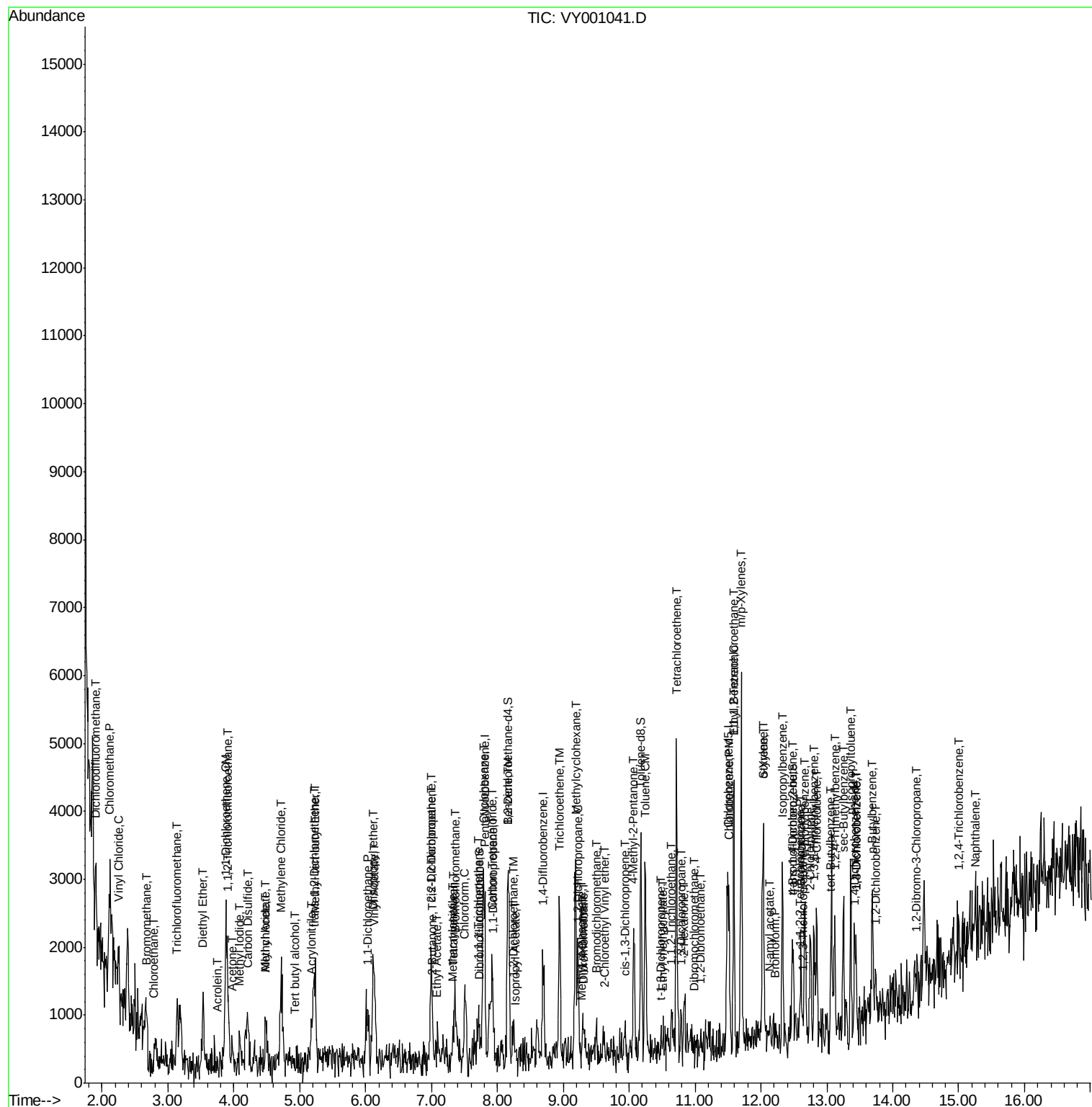
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.24	128	207	14.240	ug/l #	70

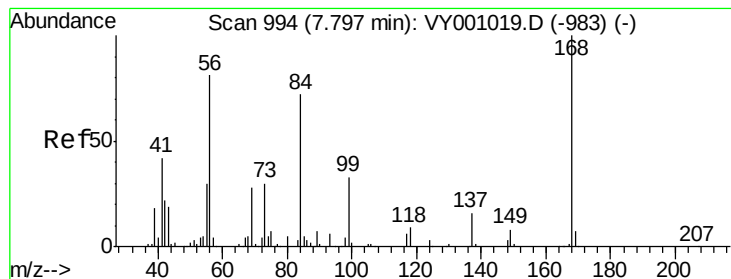
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

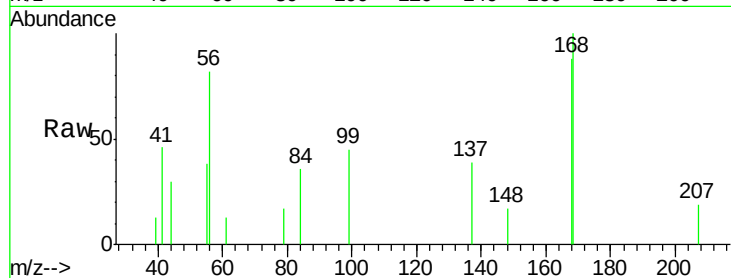
SB-2-(4-5)MS

Tot Ion:168 Resp: 1511

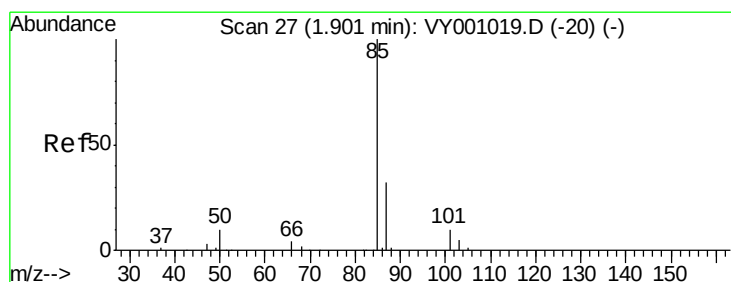
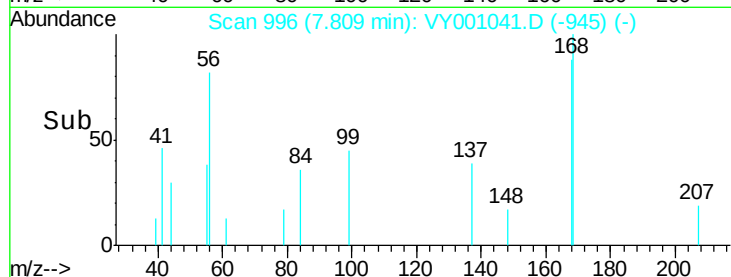
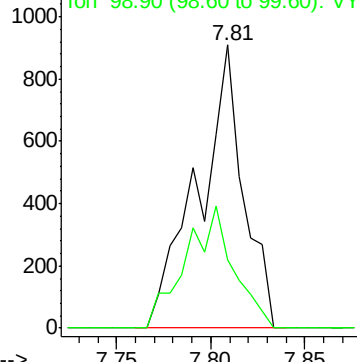
Ion Ratio Lower Upper

168 100

99 24.2 44.0 66.0#



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



#2

Dichlorodifluoromethane

Concen: 38.203 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY001041.D

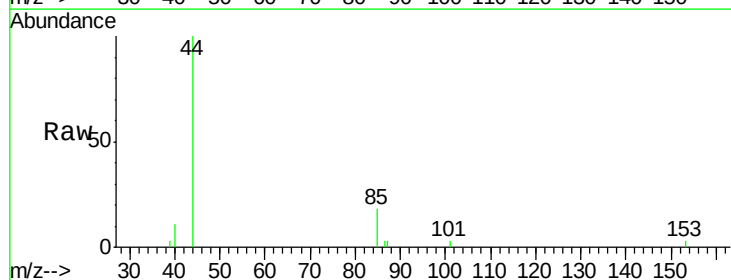
Acq: 24 Dec 2019 12:42

Tgt Ion: 85 Resp: 503

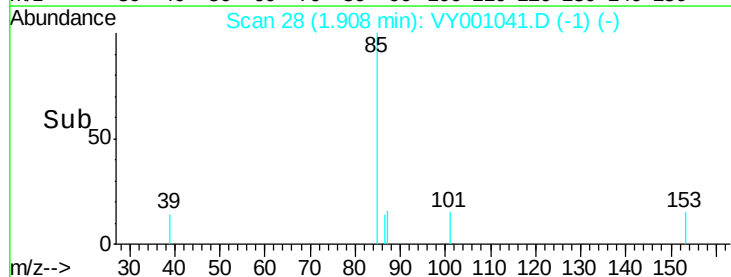
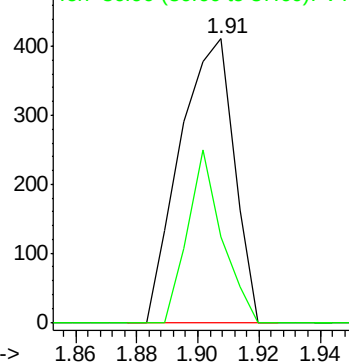
Ion Ratio Lower Upper

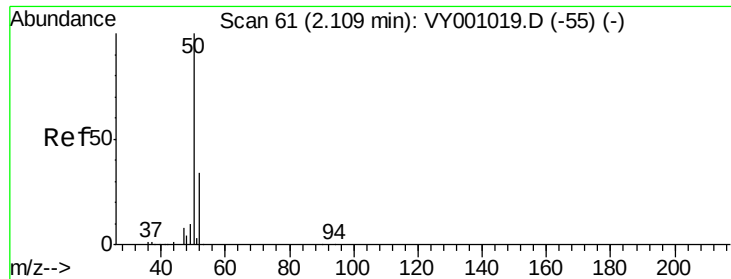
85 100

87 30.2 15.9 47.7



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





#3

Chloromethane

Concen: 60.325 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

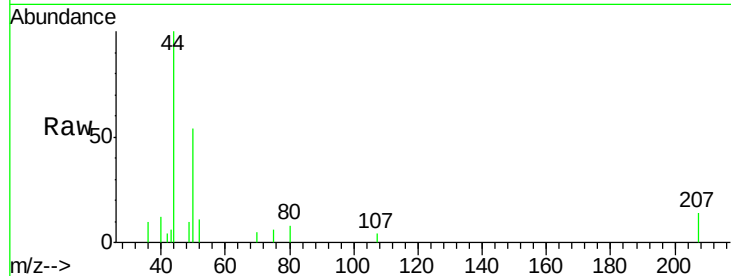
SB-2-(4-5)MS

Tot Ion: 50 Resp: 1081

Ion Ratio Lower Upper

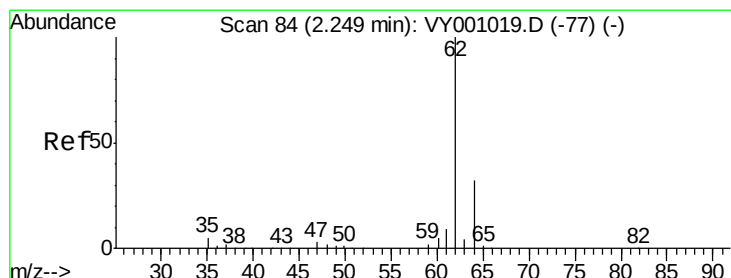
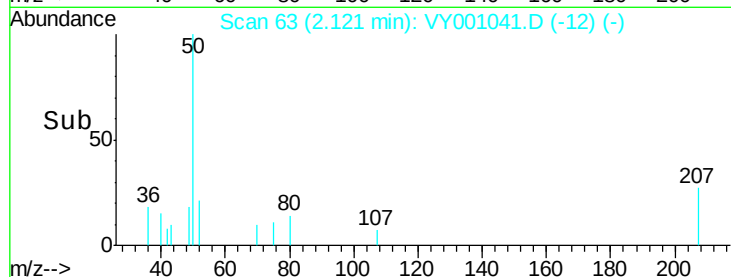
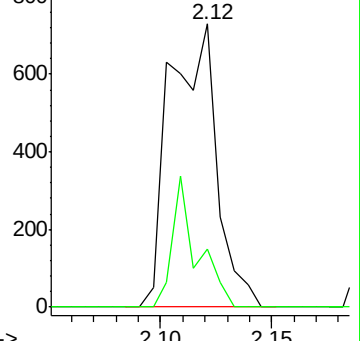
50 100

52 20.7 27.1 40.7#



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 42.580 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001041.D

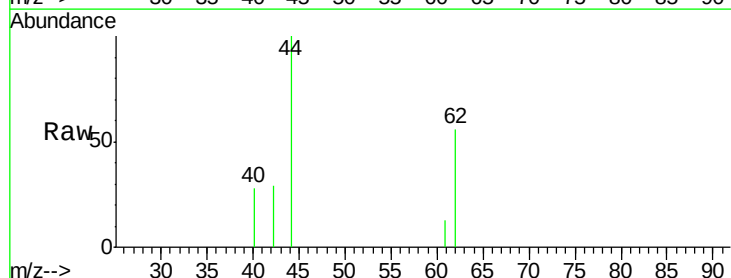
Acq: 24 Dec 2019 12:42

Tgt Ion: 62 Resp: 741

Ion Ratio Lower Upper

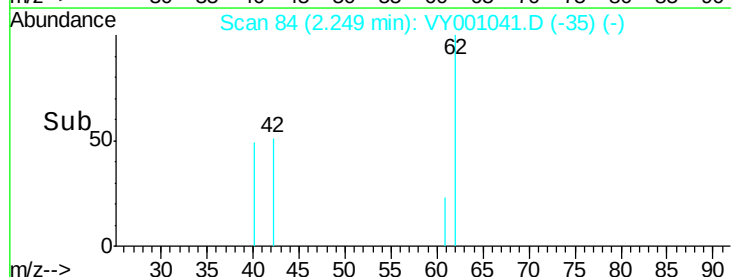
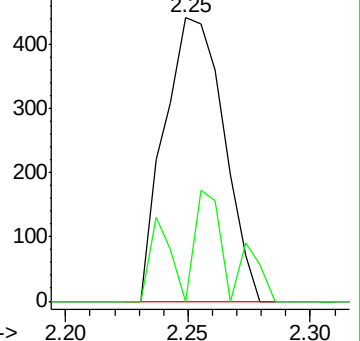
62 100

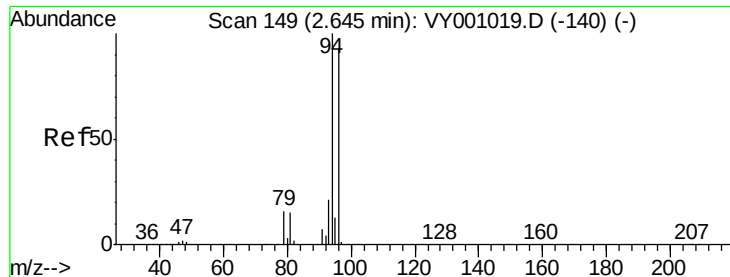
64 0.0 25.6 38.4#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 28.365 ug/l

RT: 2.68 min Scan# 154

Delta R.T. 0.03 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

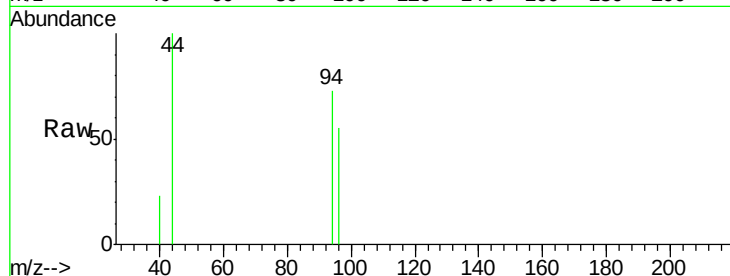
SB-2-(4-5)MS

Tot Ion: 94 Resp: 323

Ion Ratio Lower Upper

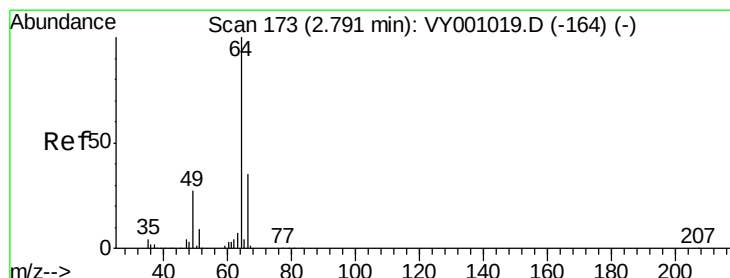
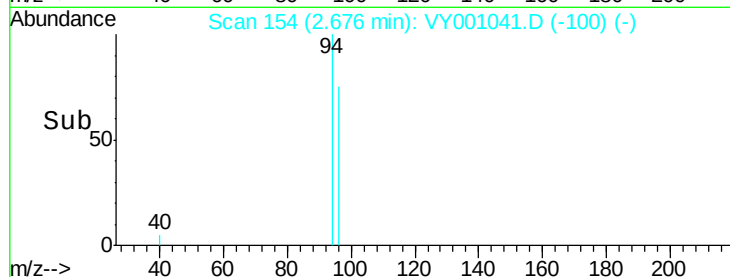
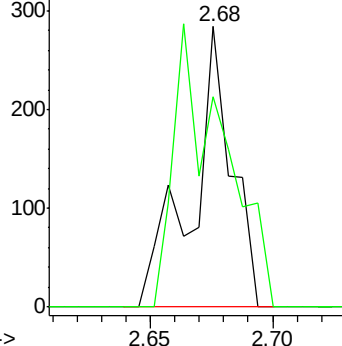
94 100

96 75.0 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: 18.360 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001041.D

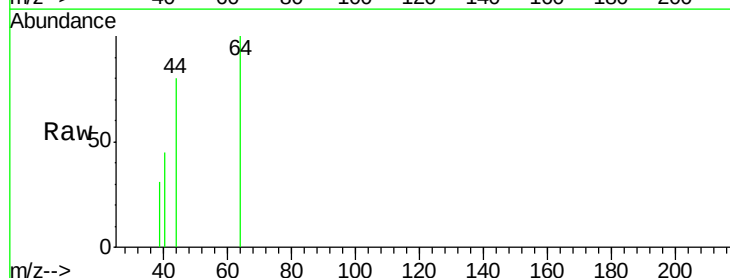
Acq: 24 Dec 2019 12:42

Tgt Ion: 64 Resp: 199

Ion Ratio Lower Upper

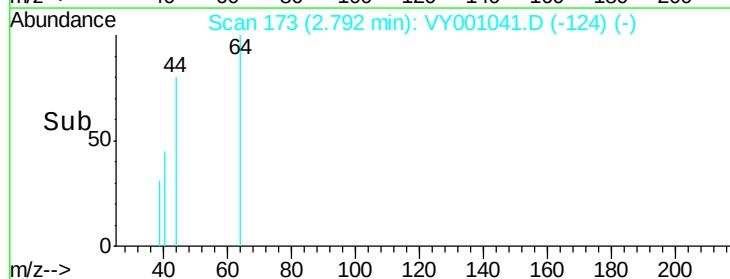
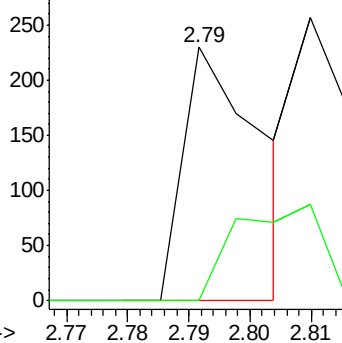
64 100

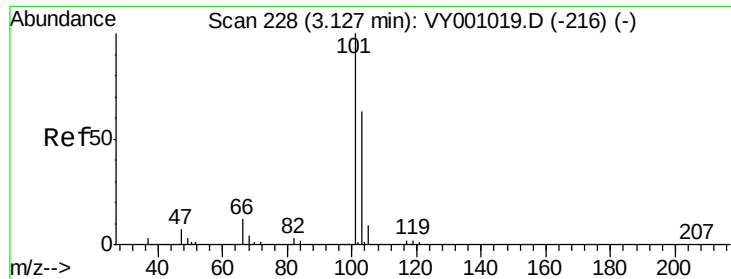
66 0.0 27.8 41.6#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



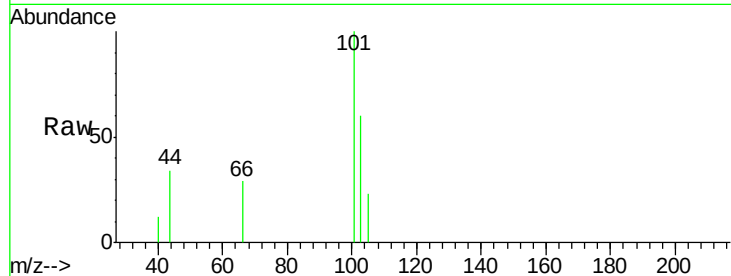


#7

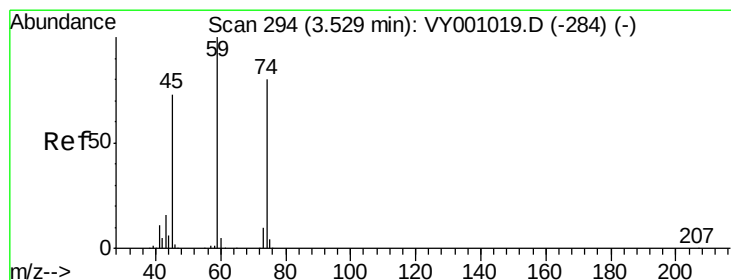
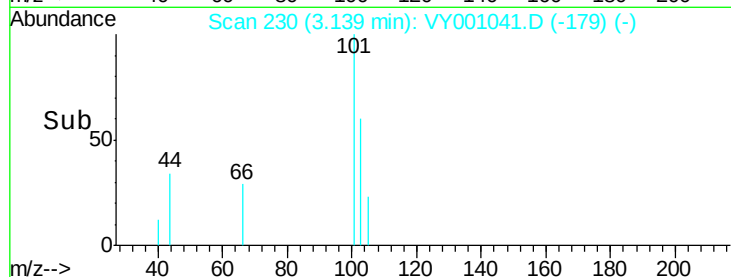
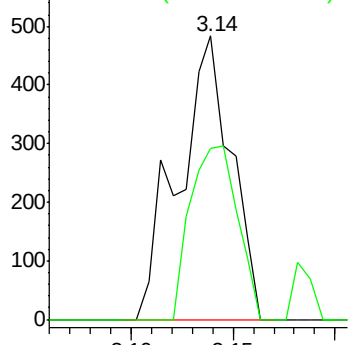
Trichlorofluoromethane
 Concen: 34.202 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

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Tot Ion:101 Resp: 873
 Ion Ratio Lower Upper
 101 100
 103 60.2 50.2 75.2



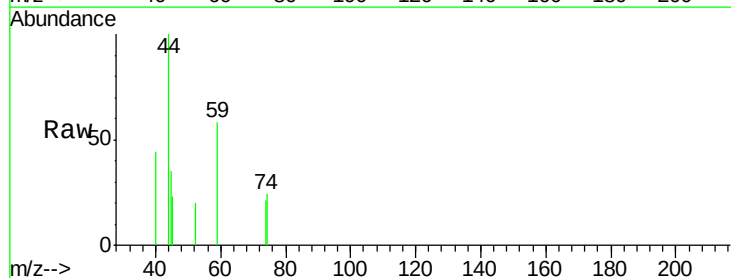
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



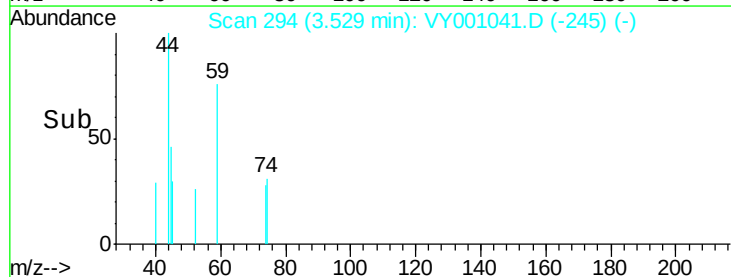
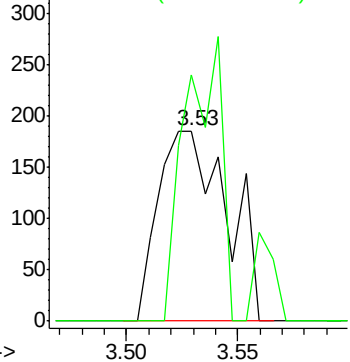
#8

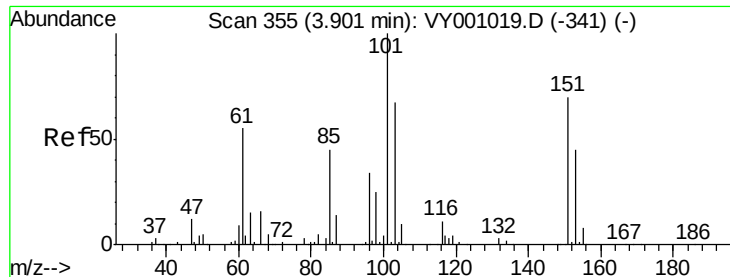
Diethyl Ether
 Concen: 38.103 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

Tgt Ion: 74 Resp: 397
 Ion Ratio Lower Upper
 74 100
 45 80.6 46.4 139.2



Abundance Ion 74.00 (73.70 to 74.70): VY0
 Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 31.551 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001041.D

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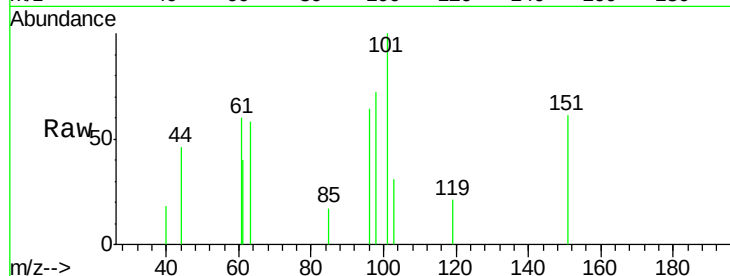
Tot Ion:101 Resp: 529

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.2#

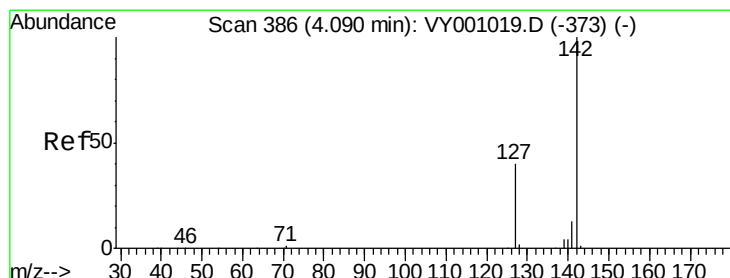
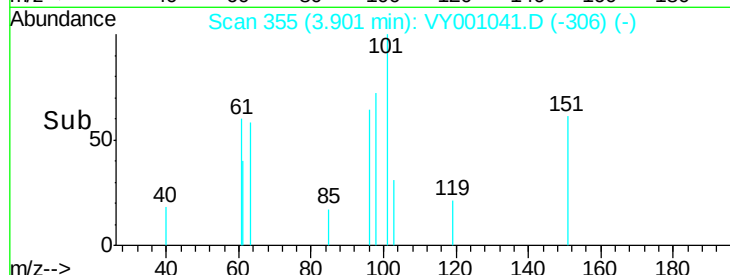
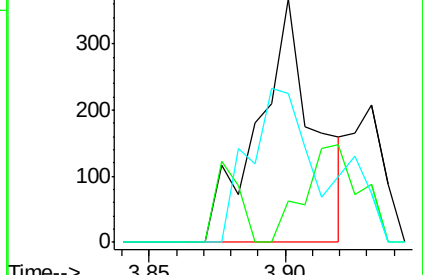
151 64.3 57.0 85.6



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: 14.720 ug/l

RT: 4.08 min Scan# 385

Delta R.T. -0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

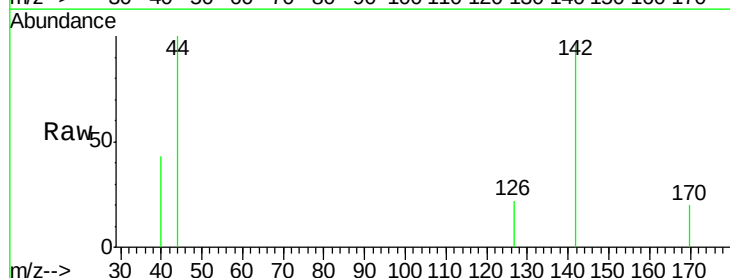
Tgt Ion:142 Resp: 341

Ion Ratio Lower Upper

142 100

127 45.2 31.2 46.8

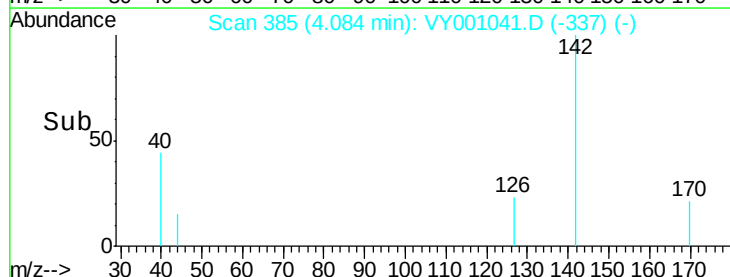
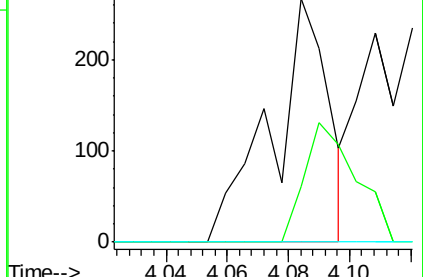
141 0.0 11.0 16.4#

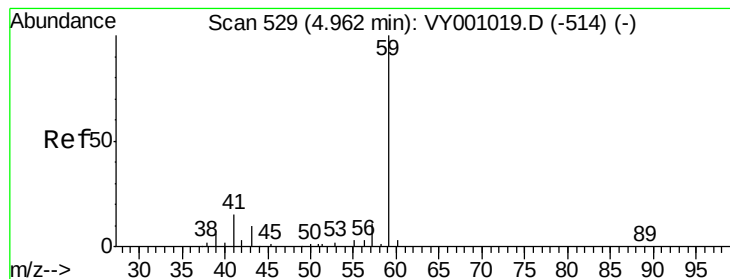


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



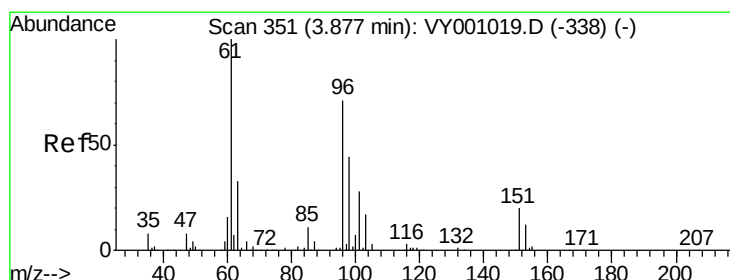
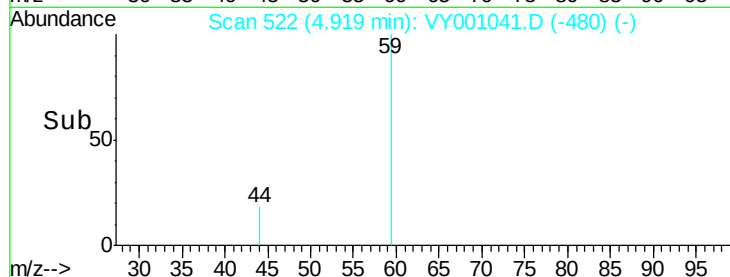
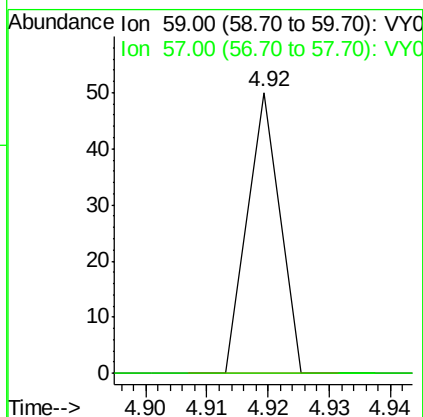
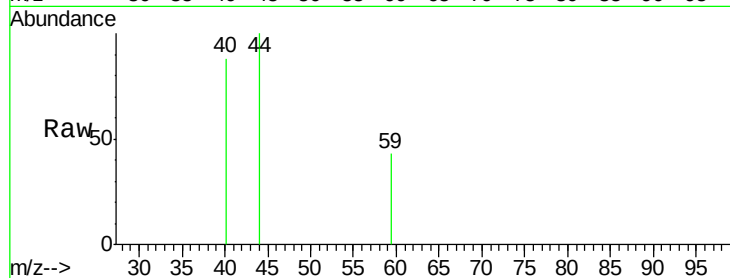


#11

Tert butyl alcohol
 Concen: 10.985 ug/l
 RT: 4.92 min Scan# 522
 Delta R.T. -0.04 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

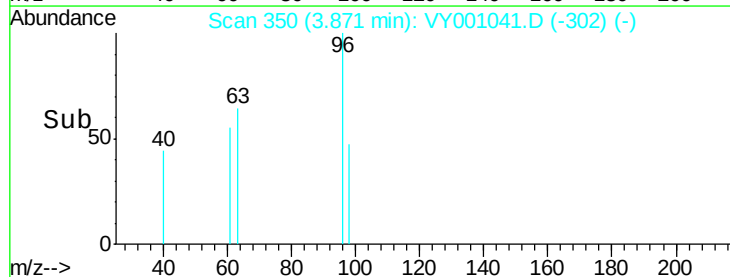
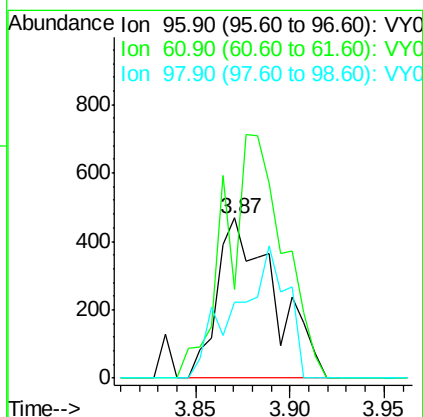
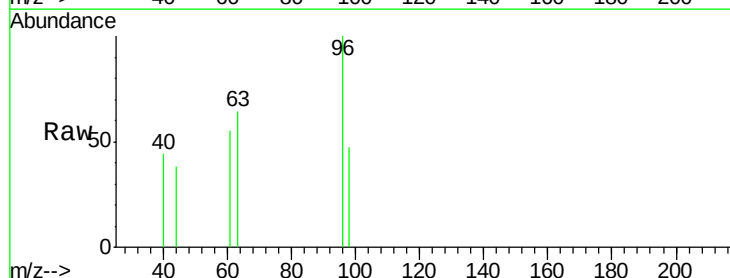
Tot Ion: 59 Resp: 18
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

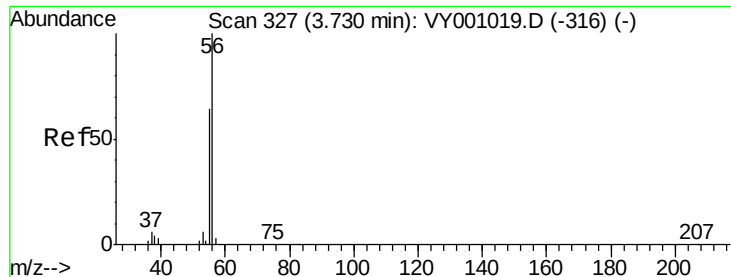


#12

1,1-Dichloroethene
 Concen: 57.909 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

Tgt Ion: 96 Resp: 983
 Ion Ratio Lower Upper
 96 100
 61 55.4 113.0 169.4#
 98 47.1 49.8 74.8#





#13

Acrolein

Concen: 11.329 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.02 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

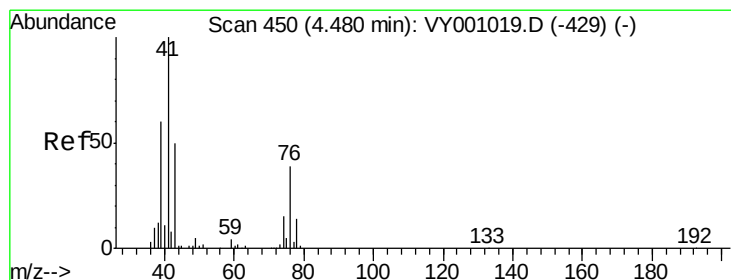
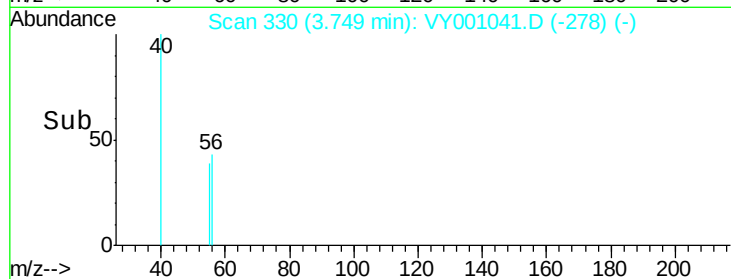
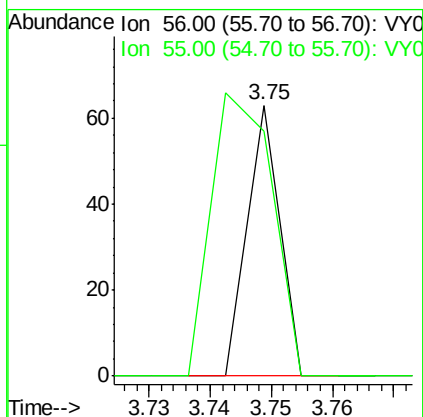
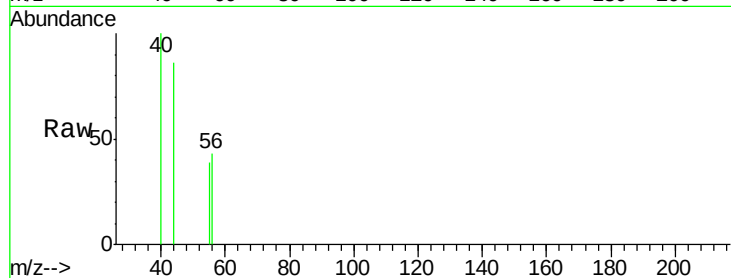
SB-2-(4-5)MS

Tot Ion: 56 Resp: 23

Ion Ratio Lower Upper

56 100

55 195.7 55.6 83.4#



#14

Allyl chloride

Concen: 10.959 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

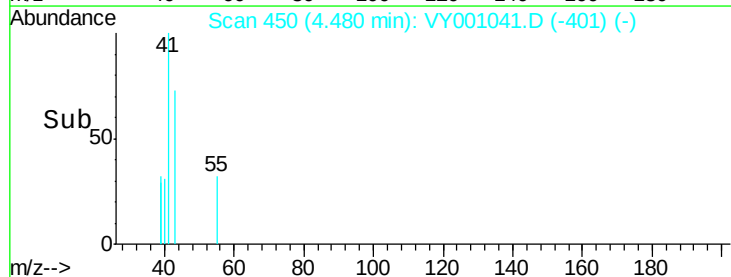
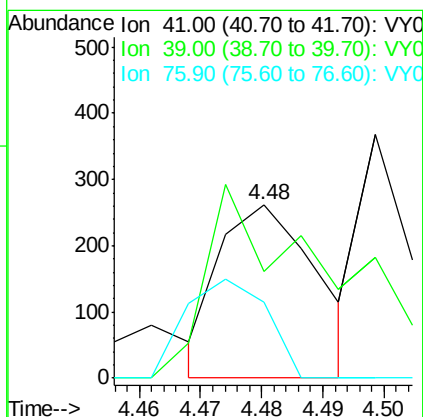
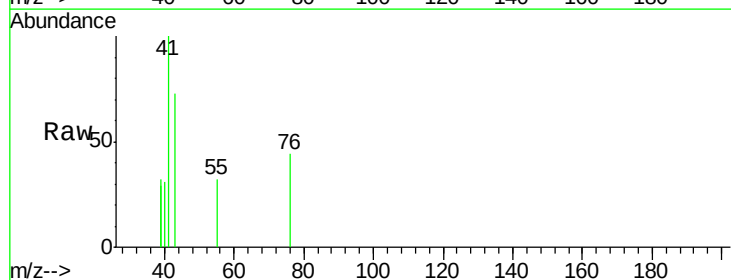
Tgt Ion: 41 Resp: 289

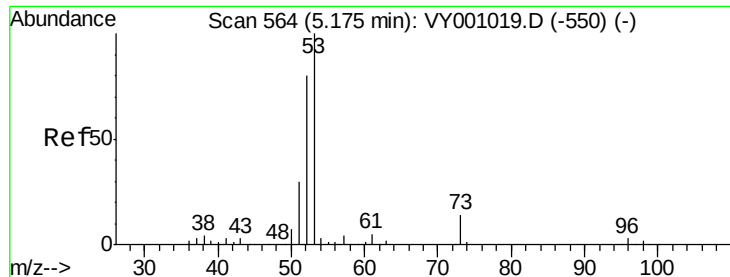
Ion Ratio Lower Upper

41 100

39 148.8 46.0 69.0#

76 47.4 32.6 48.8





#15

Acrylonitrile

Concen: 46.858 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

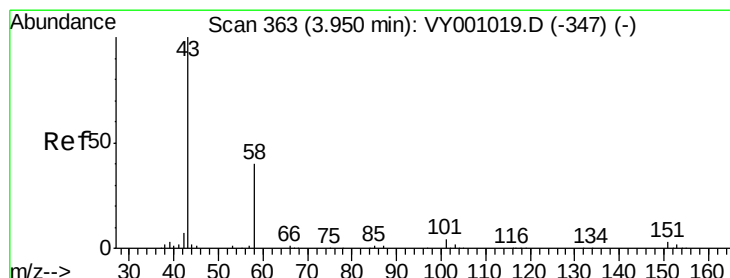
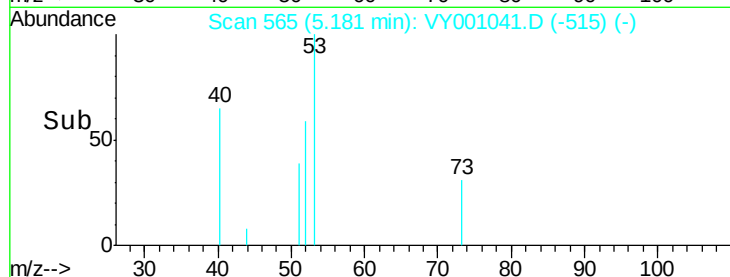
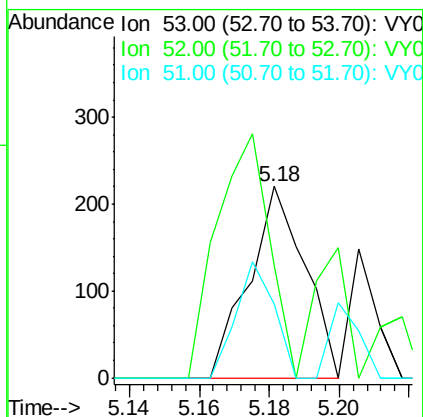
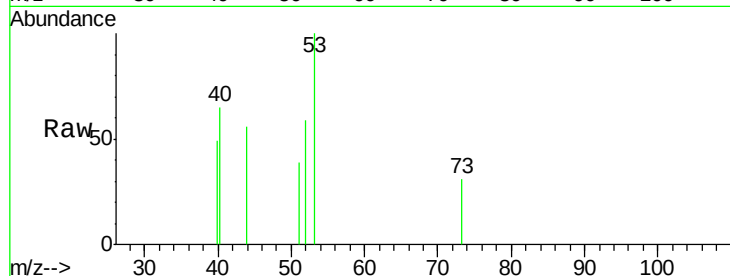
Tot Ion: 53 Resp: 244

Ion Ratio Lower Upper

53 100

52 119.7 63.6 95.4#

51 41.4 26.7 40.1#



#16

Acetone

Concen: 271.760 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY001041.D

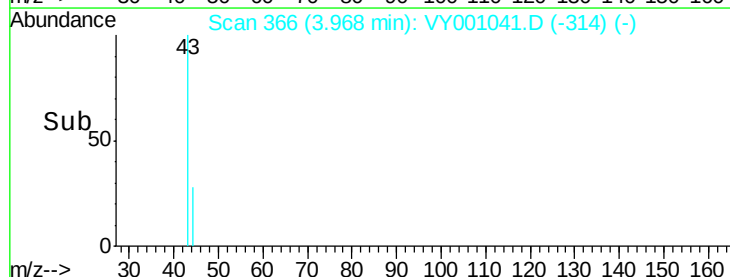
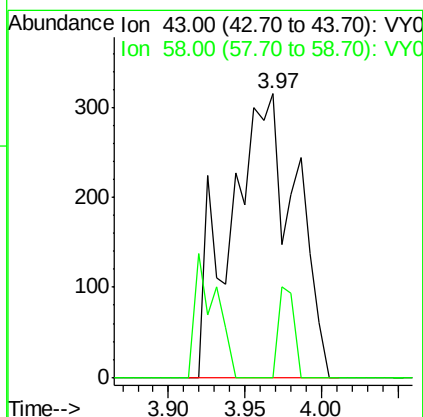
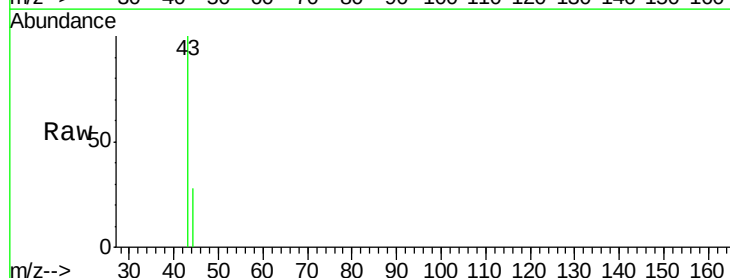
Acq: 24 Dec 2019 12:42

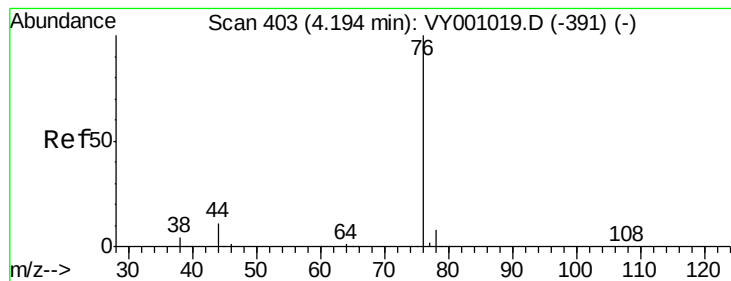
Tgt Ion: 43 Resp: 933

Ion Ratio Lower Upper

43 100

58 0.0 32.1 48.1#





#17

Carbon Disulfide

Concen: 31.892 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.02 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

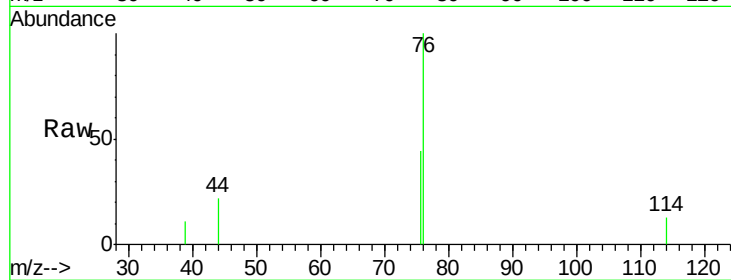
SB-2-(4-5)MS

Tot Ion: 76 Resp: 1769

Ion Ratio Lower Upper

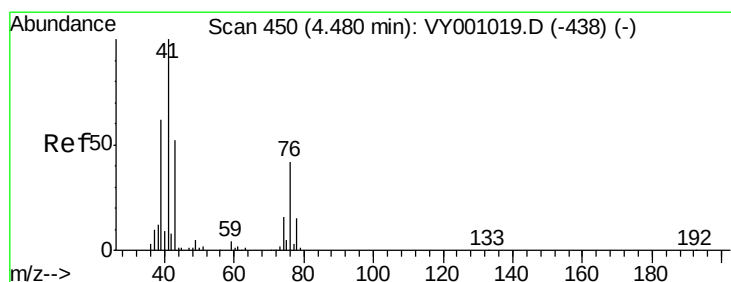
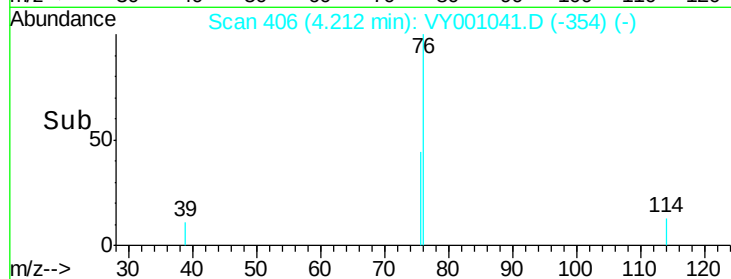
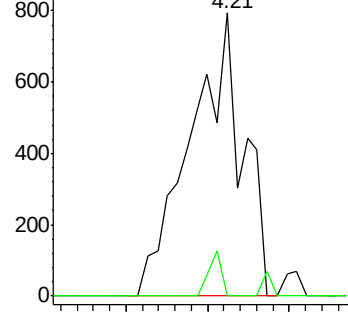
76 100

78 0.0 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: 18.221 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY001041.D

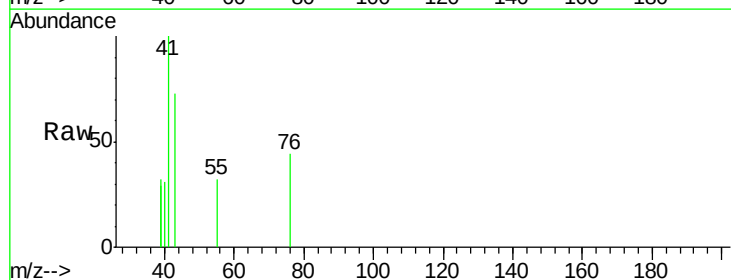
Acq: 24 Dec 2019 12:42

Tgt Ion: 43 Resp: 240

Ion Ratio Lower Upper

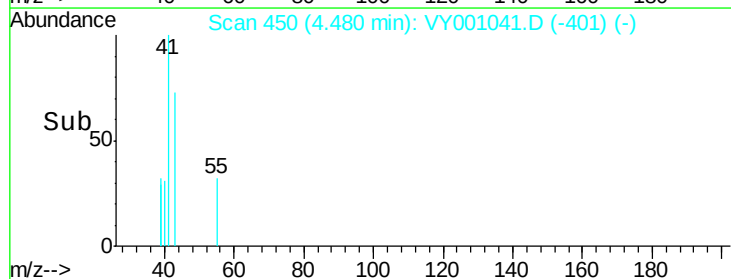
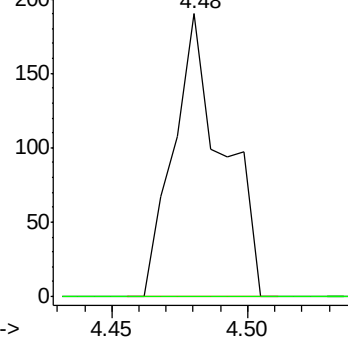
43 100

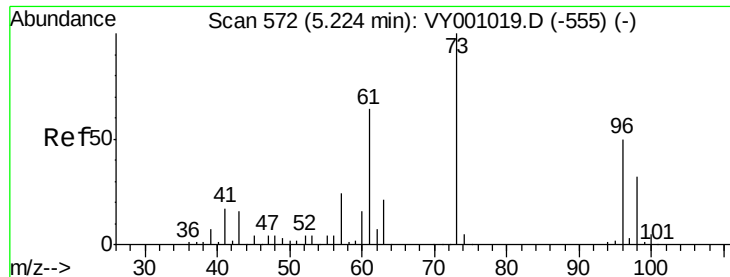
74 0.0 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



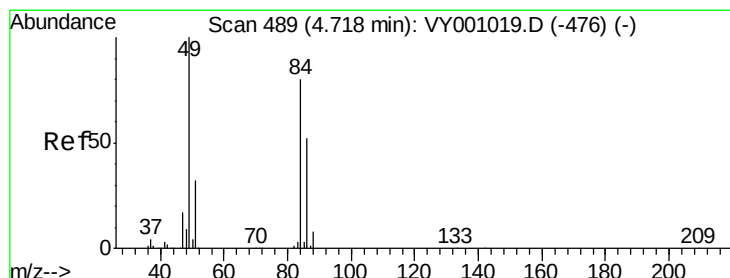
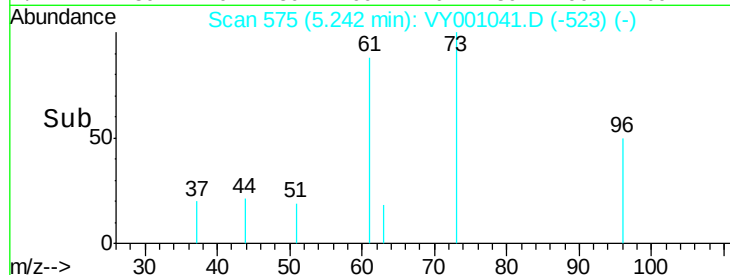
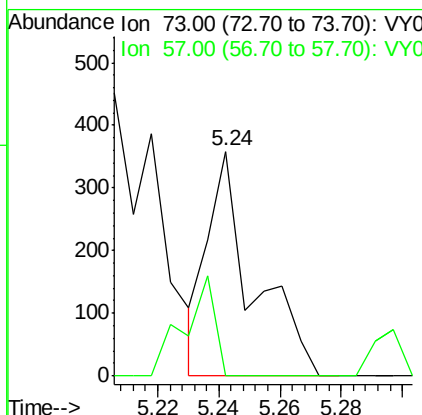
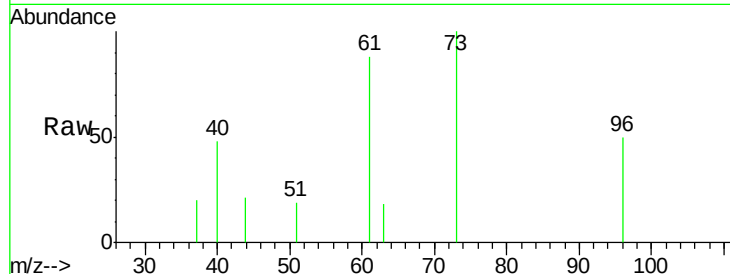


#19

Methyl tert-butyl Ether
 Concen: 8.491 ug/l
 RT: 5.24 min Scan# 575
 Delta R.T. 0.02 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

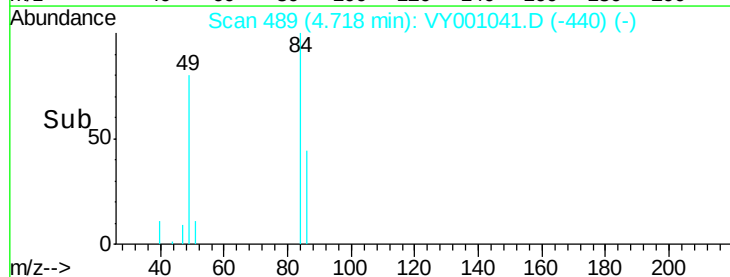
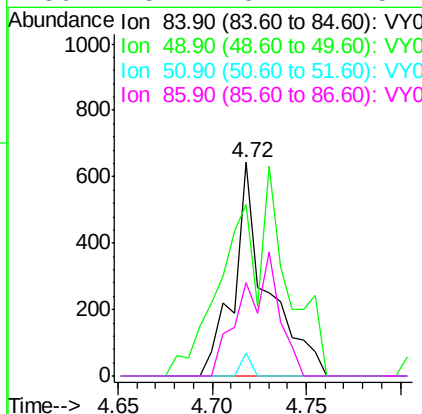
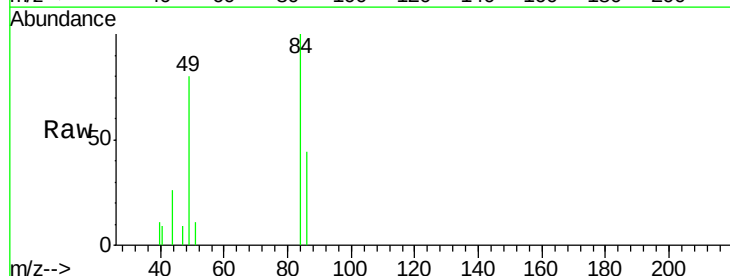
Tot Ion: 73 Resp: 372
 Ion Ratio Lower Upper
 73 100
 57 0.0 19.0 28.6#

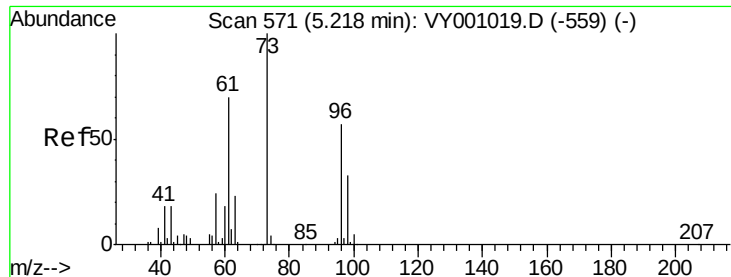


#20

Methylene Chloride
 Concen: 39.193 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

Tgt Ion: 84 Resp: 792
 Ion Ratio Lower Upper
 84 100
 49 80.1 99.8 149.6#
 51 10.9 31.4 47.2#
 86 43.7 52.2 78.2#





#21

trans-1,2-Dichloroethene

Concen: 34.073 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

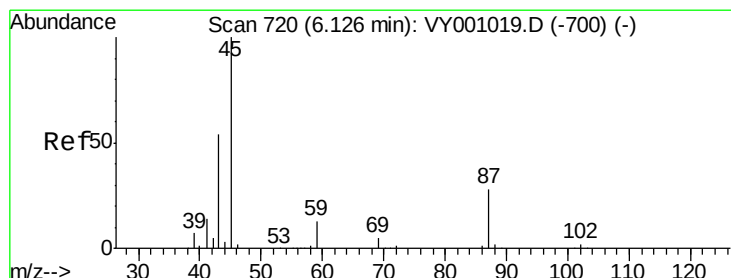
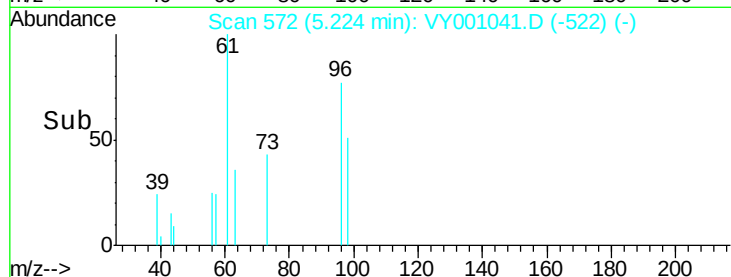
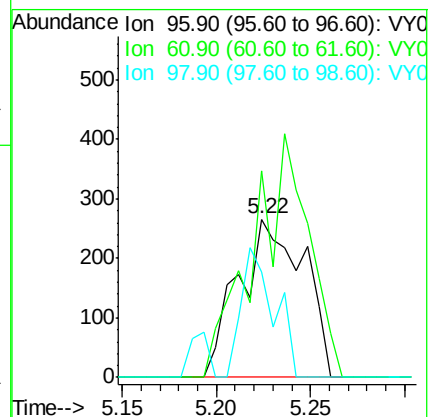
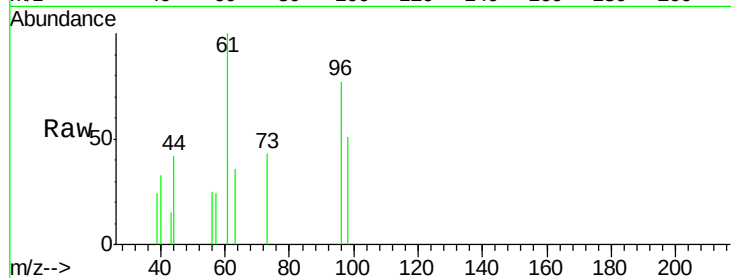
Tot Ion: 96 Resp: 641

Ion Ratio Lower Upper

96 100

61 130.5 98.1 147.1

98 66.9 47.2 70.8



#22

Diisopropyl ether

Concen: 40.055 ug/l

RT: 6.11 min Scan# 718

Delta R.T. -0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Tgt Ion: 45 Resp: 2135

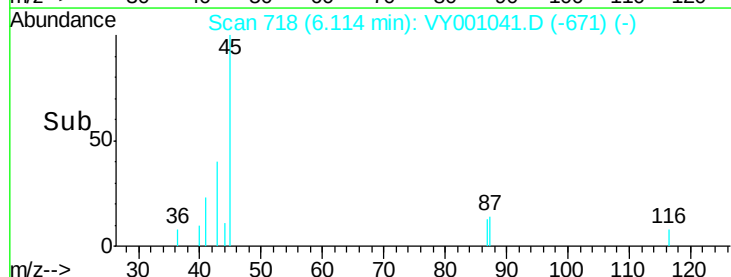
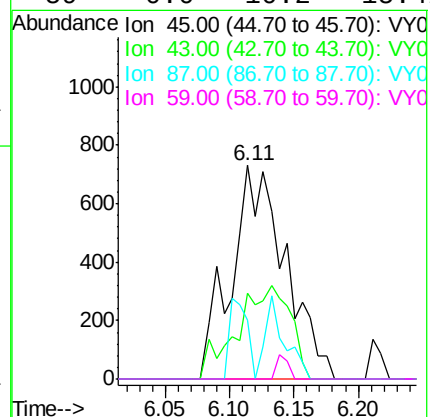
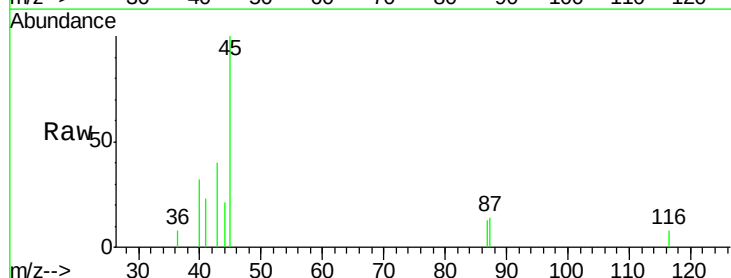
Ion Ratio Lower Upper

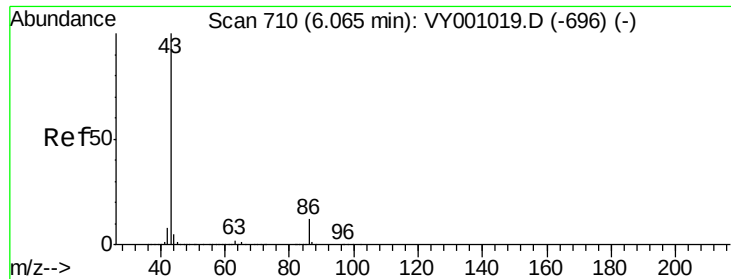
45 100

43 39.9 43.6 65.4#

87 27.8 23.1 34.7

59 0.0 10.2 15.4#





#23

Vinyl Acetate

Concen: 27.182 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.07 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

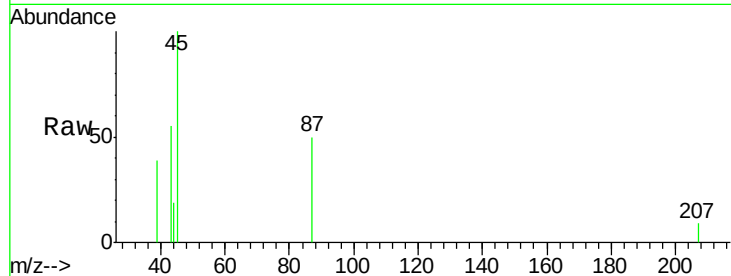
SB-2-(4-5)MS

Tot Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

86 0.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.13

300

200

100

0

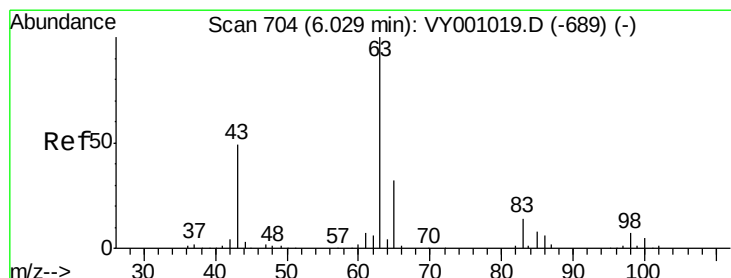
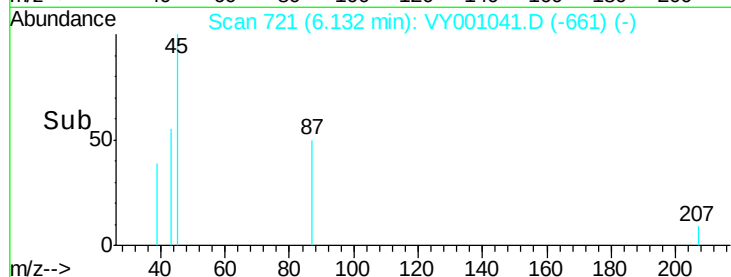
6.05

6.10

6.15

6.20

Time-->



#24

1,1-Dichloroethane

Concen: 30.604 ug/l

RT: 6.03 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

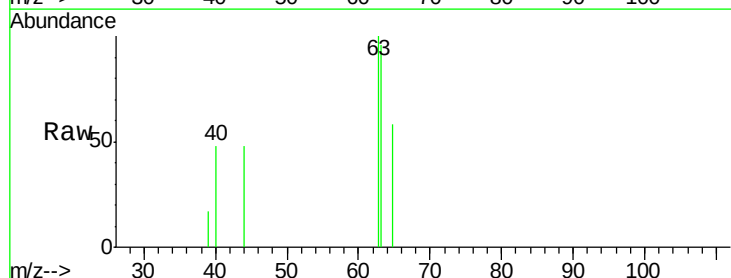
Tgt Ion: 63 Resp: 964

Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.2#

100 0.0 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

800

600

400

200

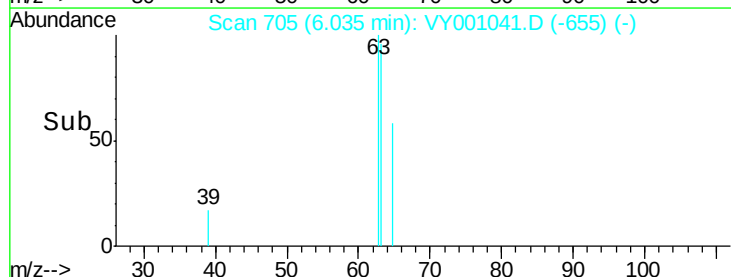
0

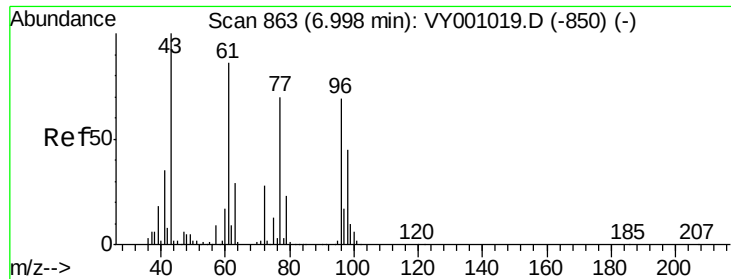
6.00

6.03

6.05

Time-->





#25

2-Butanone

Concen: 27.026 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.02 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

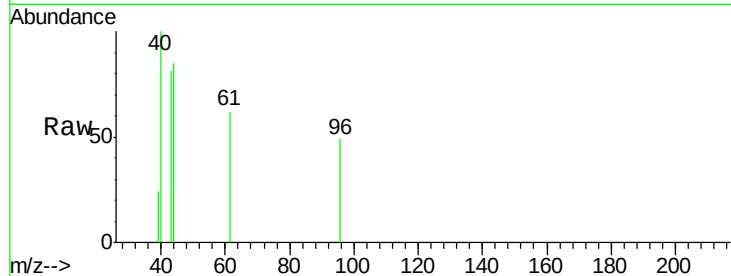
SB-2-(4-5)MS

Tot Ion: 43 Resp: 163

Ion Ratio Lower Upper

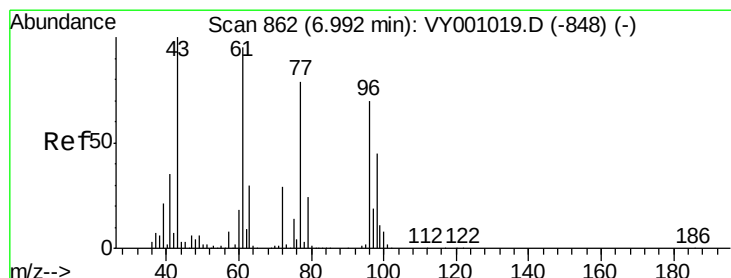
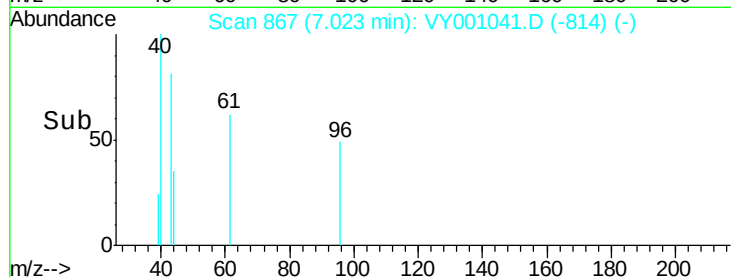
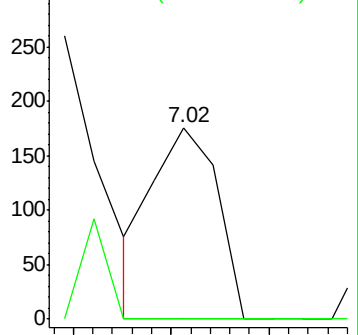
43 100

72 0.0 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 3.710 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001041.D

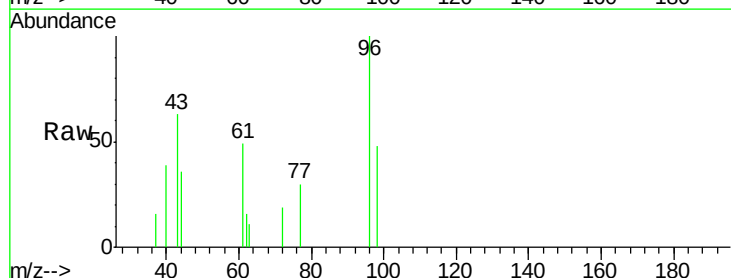
Acq: 24 Dec 2019 12:42

Tgt Ion: 77 Resp: 96

Ion Ratio Lower Upper

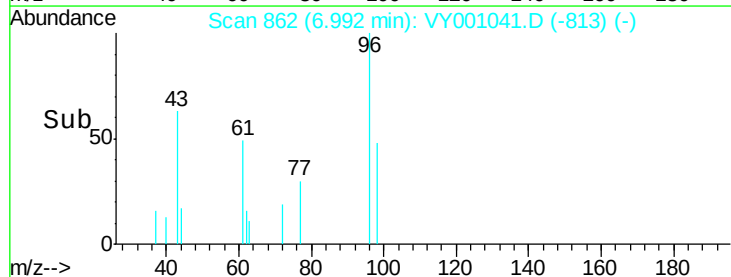
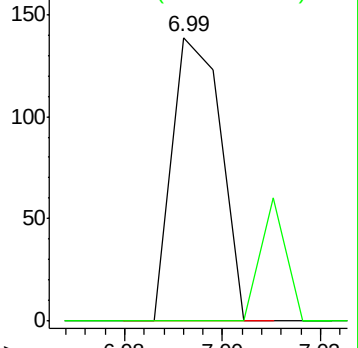
77 100

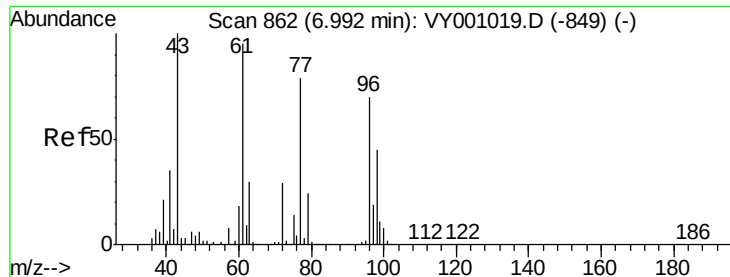
97 22.9 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



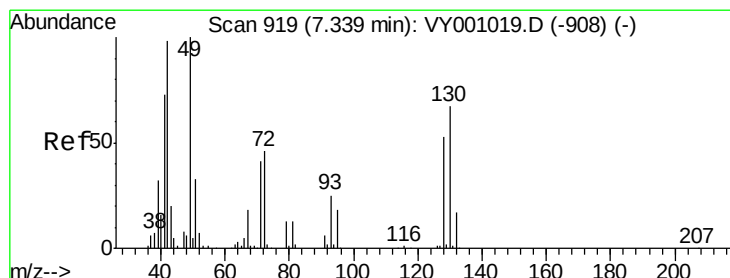
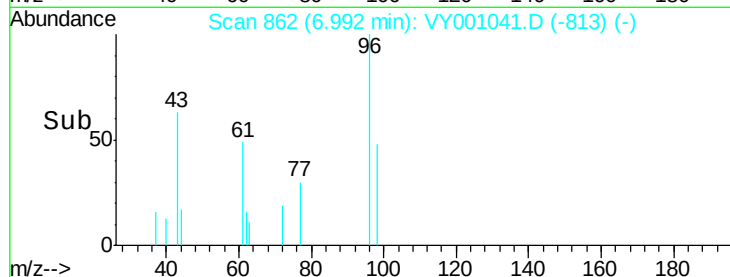
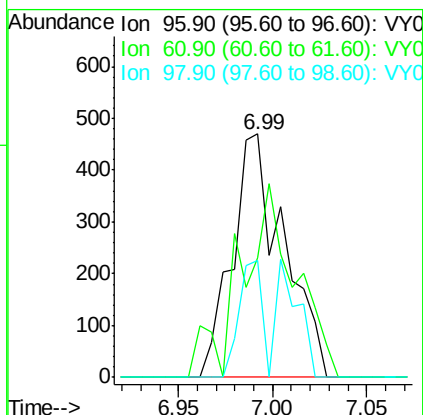
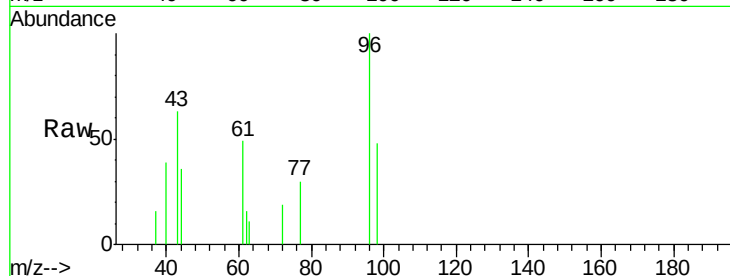


#27

cis-1,2-Dichloroethene
 Concen: 43.110 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

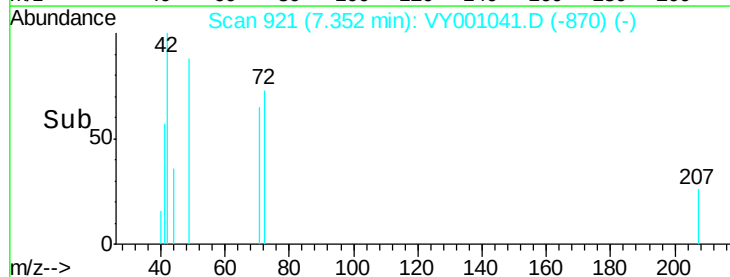
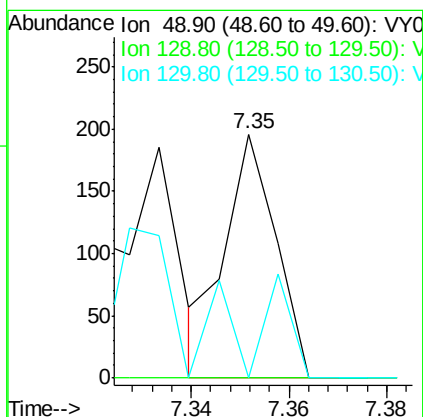
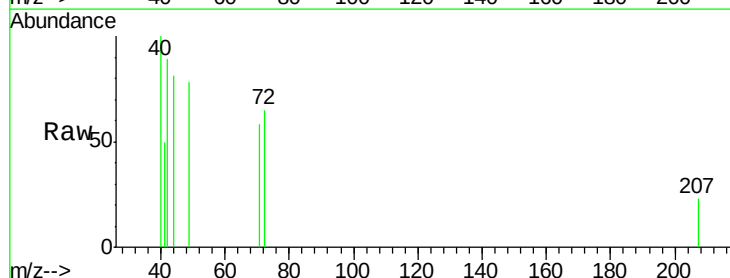
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	268.2
98	21.2	0.0	129.2

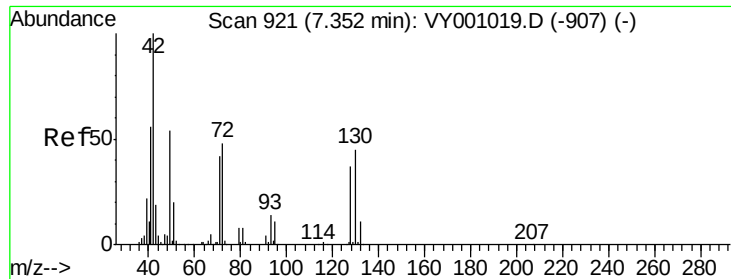


#28

Bromochloromethane
 Concen: 11.391 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

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

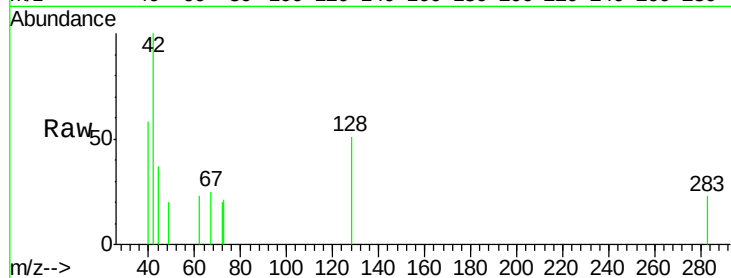




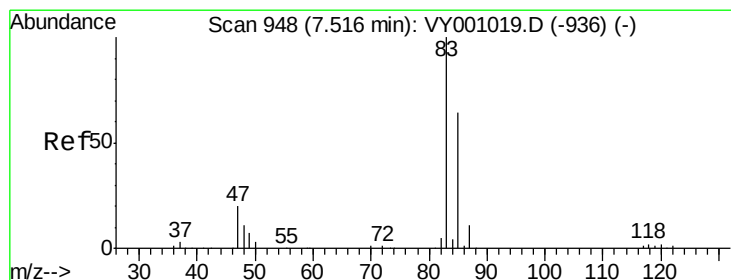
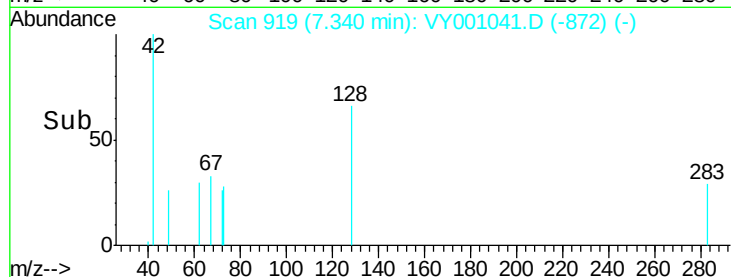
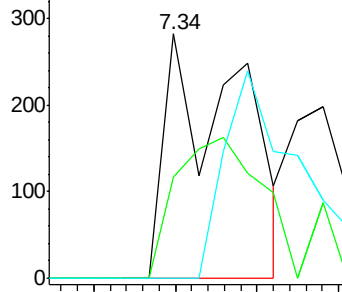
#29
Tetrahydrofuran
Concen: 83.447 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion: 42 Resp: 358
Ion Ratio Lower Upper
42 100
72 74.9 37.7 56.5#
71 83.8 34.6 51.8#

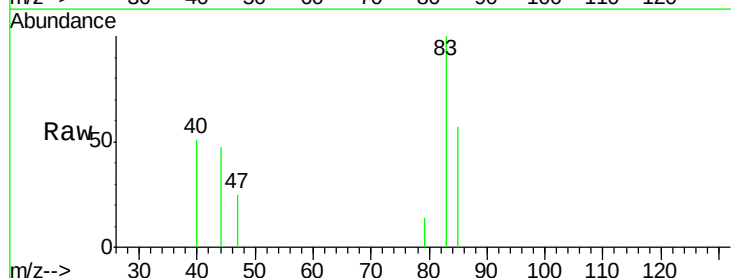


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

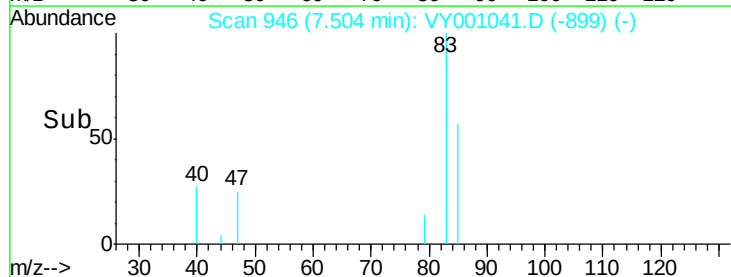
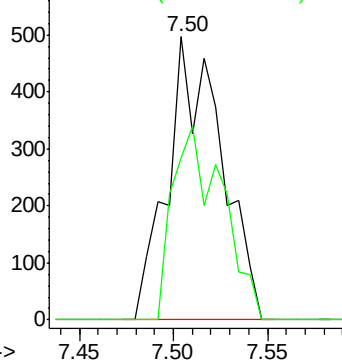


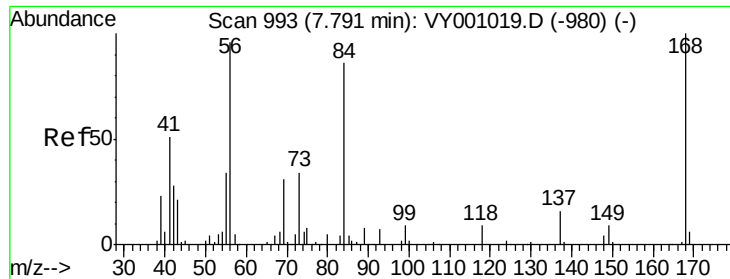
#30
Chloroform
Concen: 32.869 ug/l
RT: 7.50 min Scan# 946
Delta R.T. -0.01 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

Tgt Ion: 83 Resp: 979
Ion Ratio Lower Upper
83 100
85 56.9 51.6 77.4



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

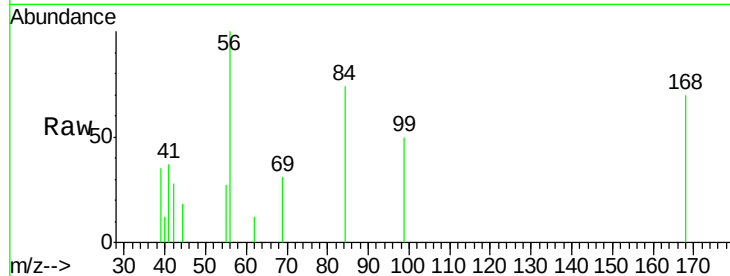




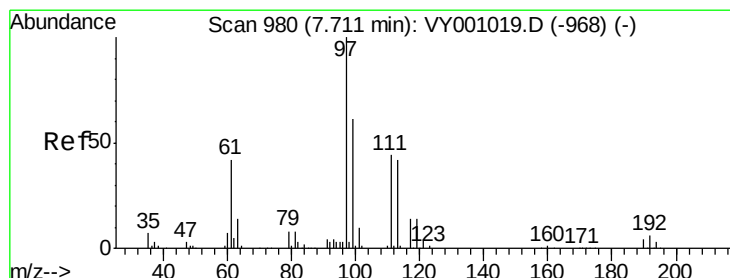
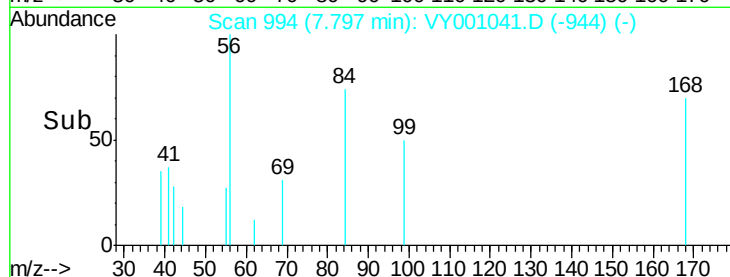
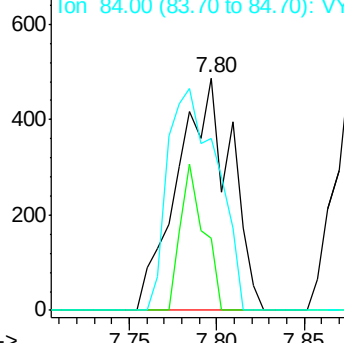
#31
Cyclohexane
Concen: 31.339 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion: 56 Resp: 1038
Ion Ratio Lower Upper
56 100
69 31.1 26.1 39.1
84 74.2 71.8 107.8

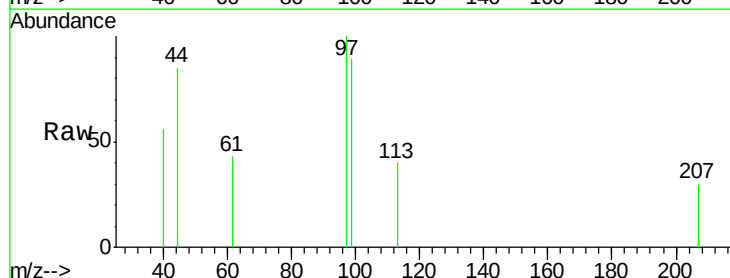


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

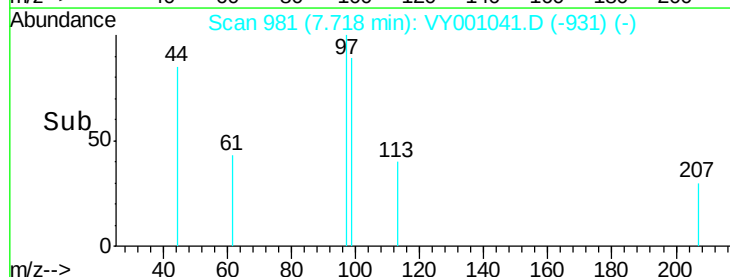
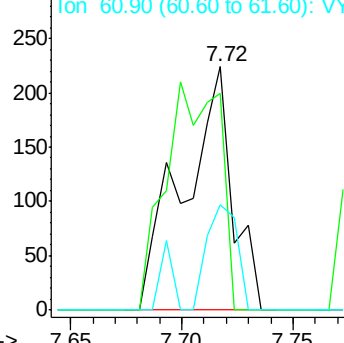


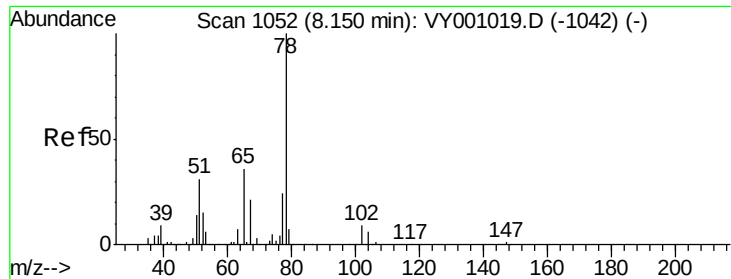
#32
1,1,1-Trichloroethane
Concen: 13.539 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.01 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

Tgt Ion: 97 Resp: 344
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0#
61 26.7 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

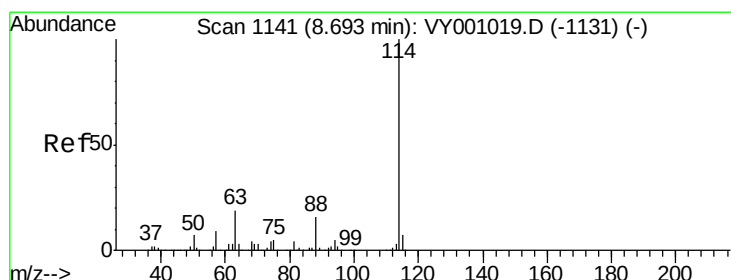
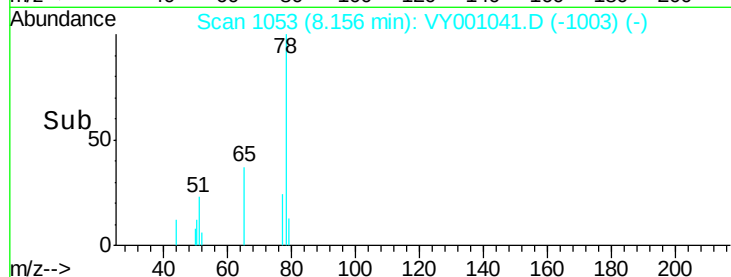
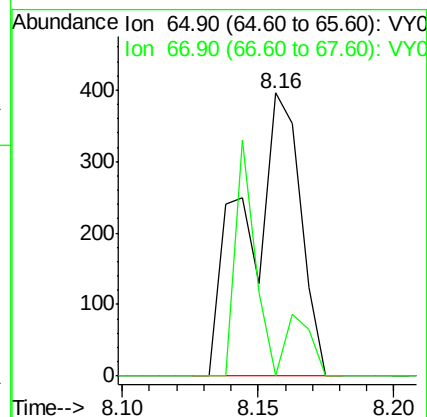
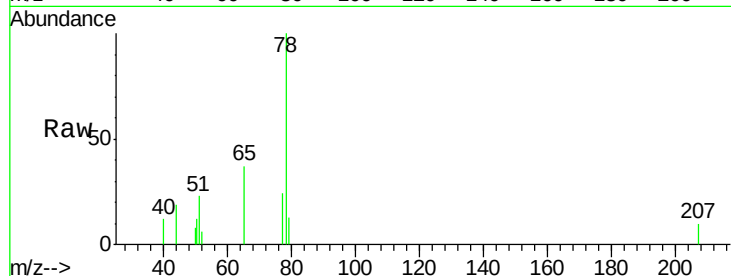




#33
 1,2-Dichloroethane-d4
 Concen: 36.705 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

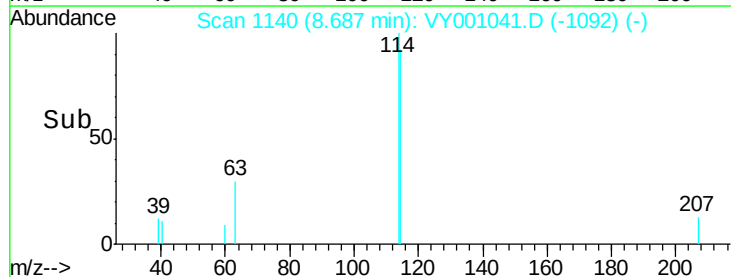
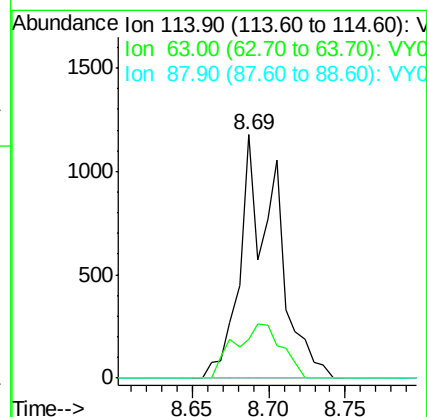
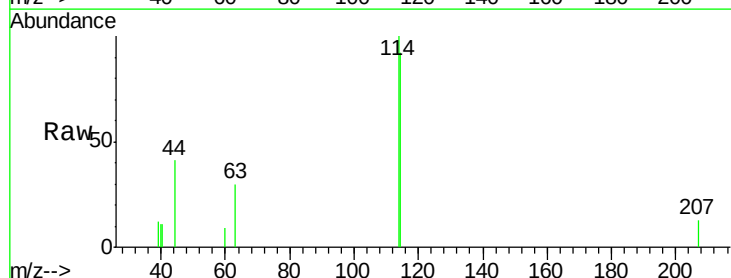
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

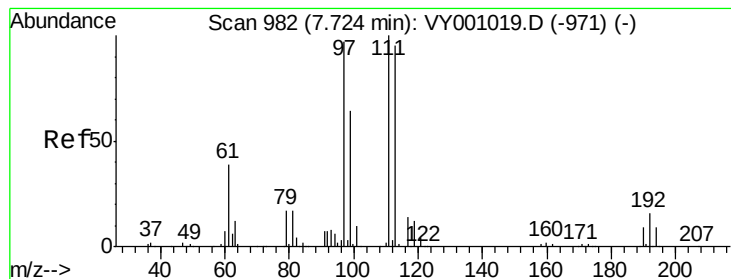
Tot Ion: 65 Resp: 547
 Ion Ratio Lower Upper
 65 100
 67 29.8 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

Tgt Ion: 114 Resp: 1951
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 37.0
 88 0.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 14.884 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

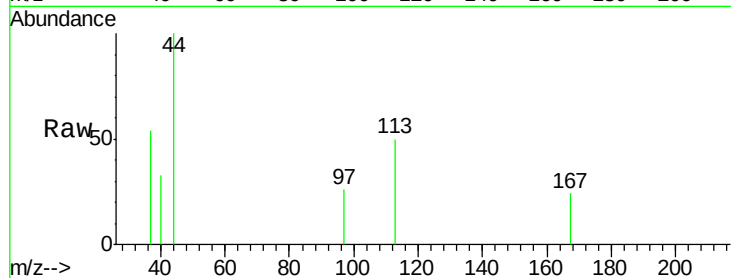
Tot Ion:113 Resp: 171

Ion Ratio Lower Upper

113 100

111 0.0 83.0 124.4#

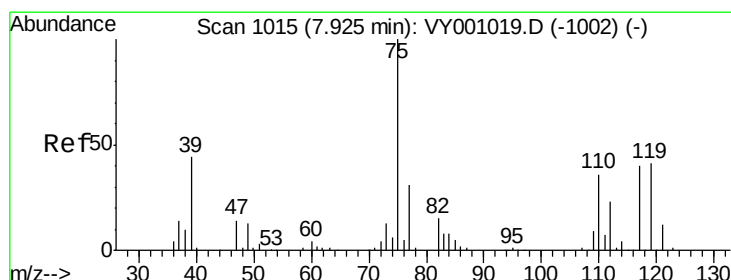
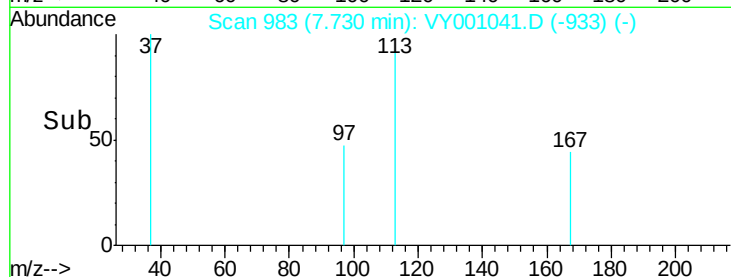
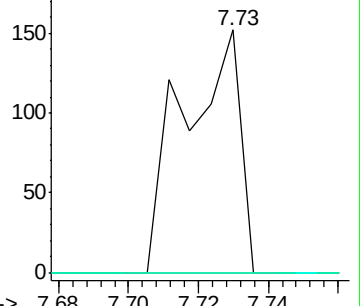
192 0.0 14.6 21.8#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.409 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

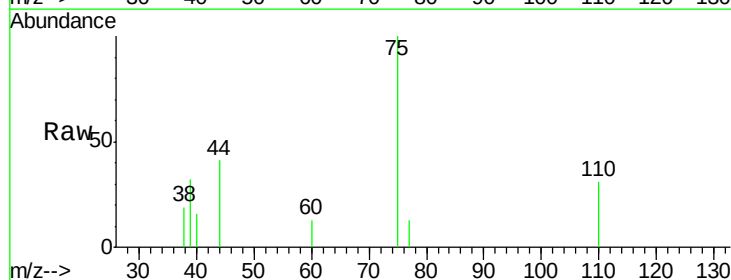
Tgt Ion: 75 Resp: 901

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.4#

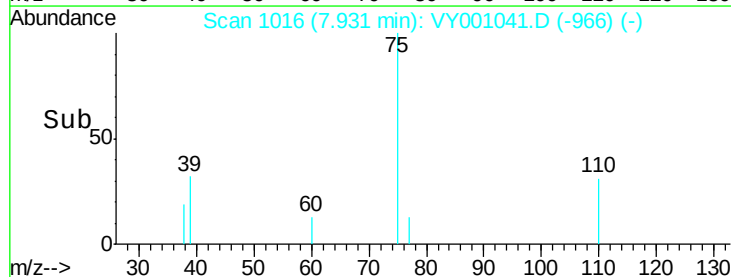
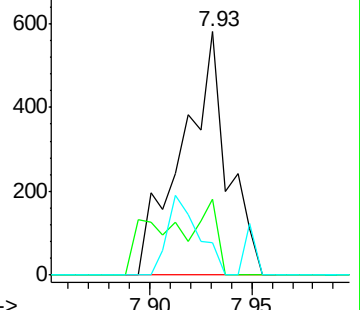
77 5.0 24.6 37.0#

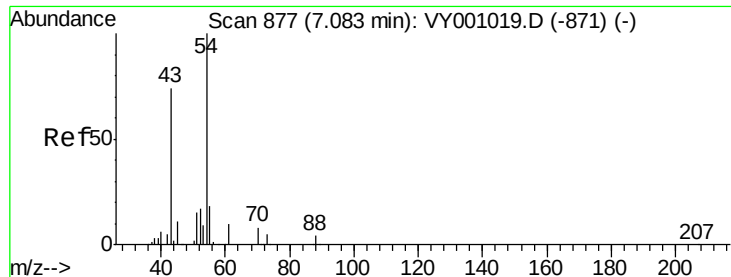


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

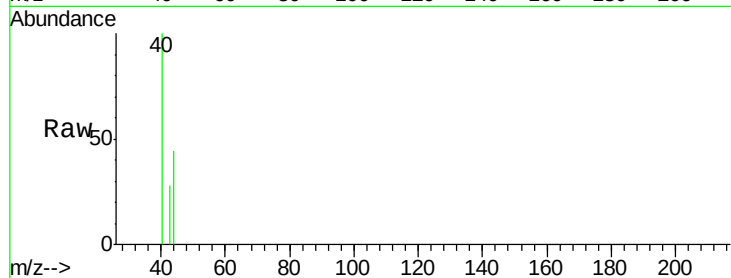




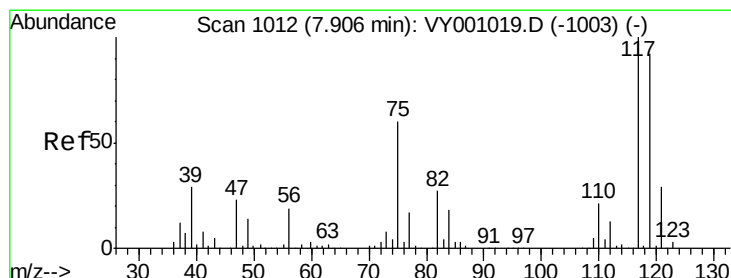
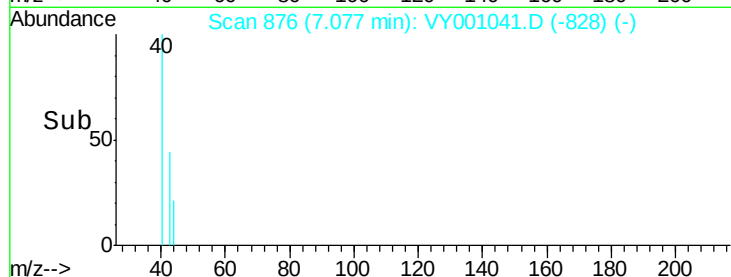
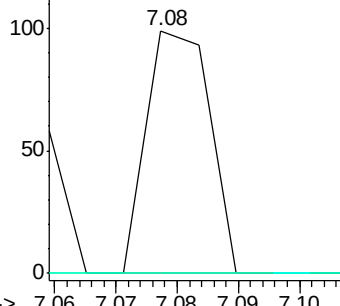
#37
Ethyl Acetate
Concen: 6.792 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
61 0.0 12.5 18.7#
70 0.0 9.0 13.4#

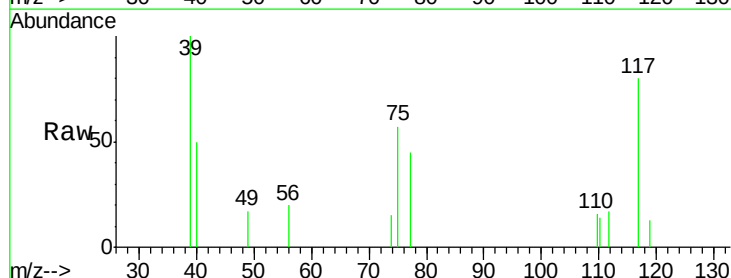


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

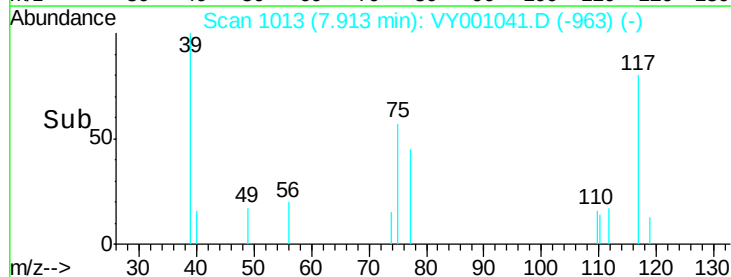
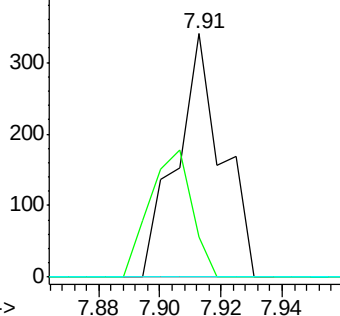


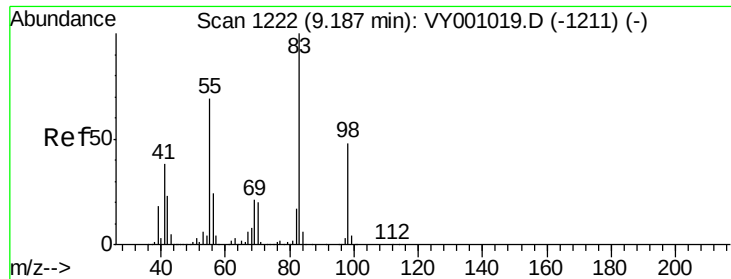
#38
Carbon Tetrachloride
Concen: 21.402 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

Tgt Ion: 117 Resp: 349
Ion Ratio Lower Upper
117 100
119 16.5 74.2 111.2#
121 0.0 22.9 34.3#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

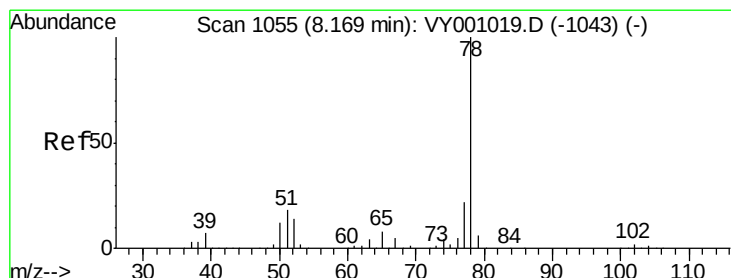
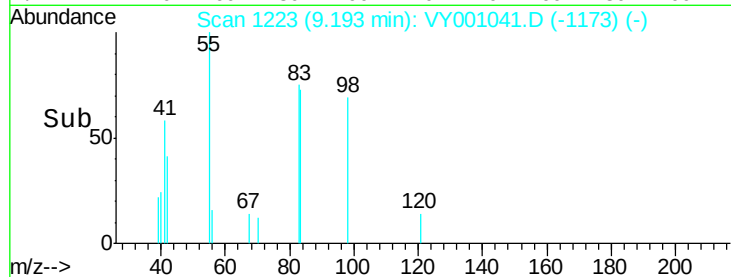
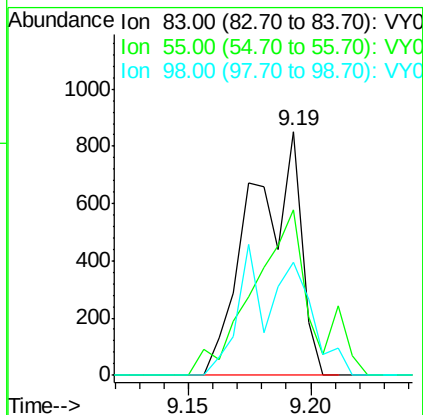
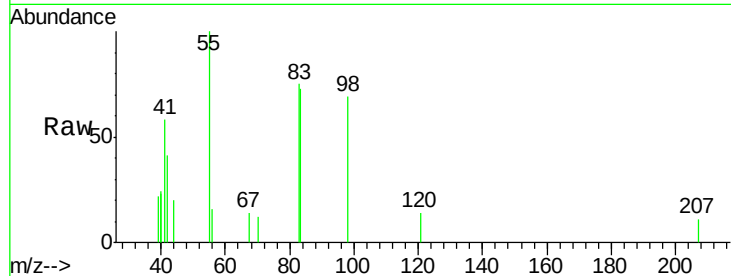




#39
Methylvlcyclohexane
Concen: 47.741 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

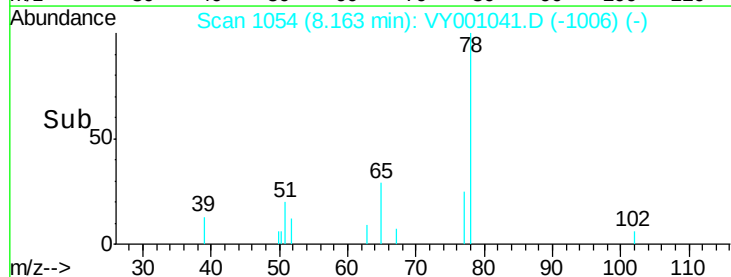
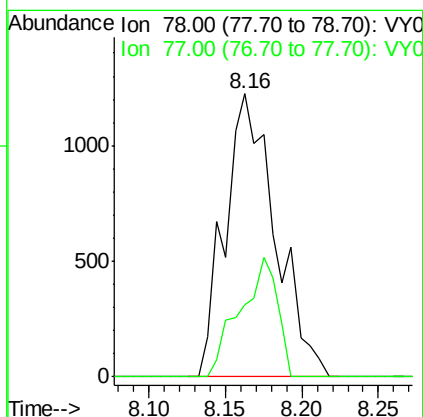
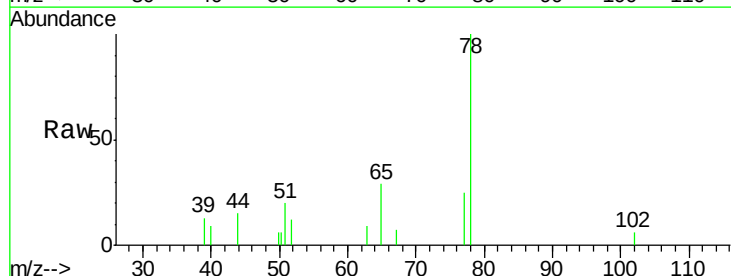
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

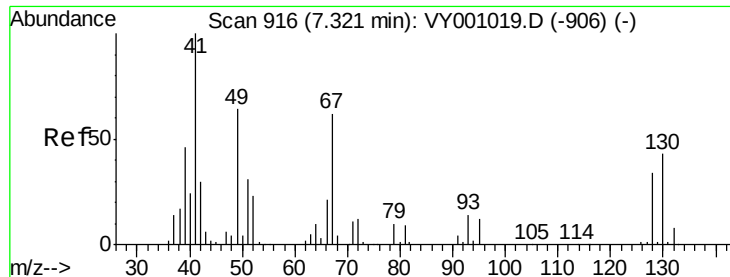
Tot Ion: 83 Resp: 1180
Ion Ratio Lower Upper
83 100
55 67.8 55.1 82.7
98 46.5 38.3 57.5



#40
Benzene
Concen: 50.008 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

Tgt Ion: 78 Resp: 2808
Ion Ratio Lower Upper
78 100
77 25.3 17.7 26.5





#41

Methacrylonitrile

Concen: 30.662 ug/l

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

Tot Ion: 41 Resp: 137

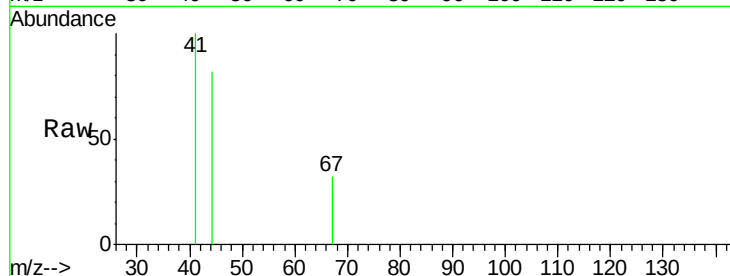
Ion Ratio Lower Upper

41 100

39 114.6 0.0 0.0#

67 46.7 0.0 0.0#

52 0.0 0.0 0.0

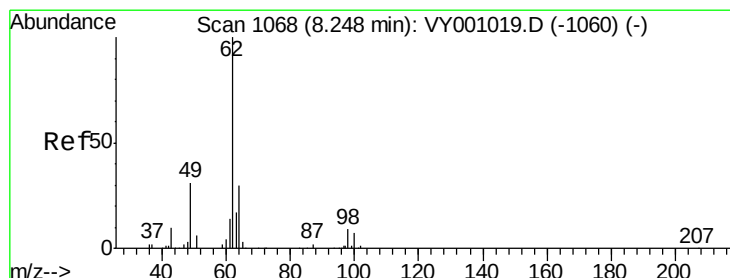
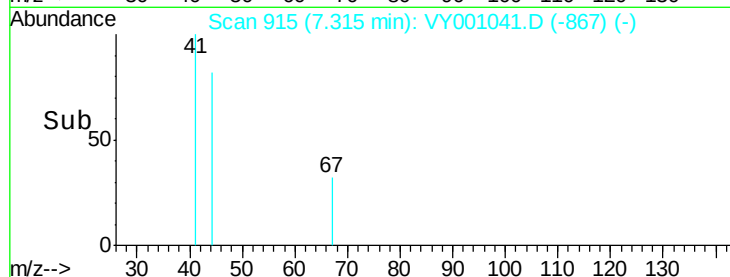
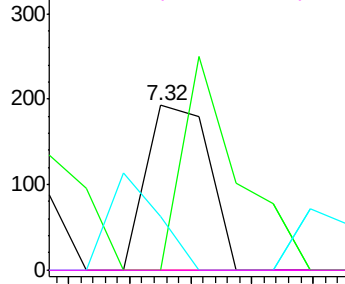


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 28.008 ug/l

RT: 8.24 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VY001041.D

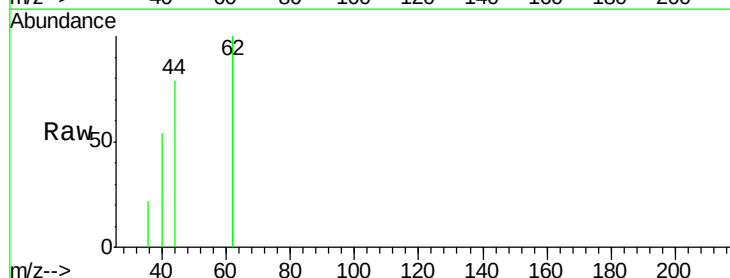
Acq: 24 Dec 2019 12:42

Tgt Ion: 62 Resp: 376

Ion Ratio Lower Upper

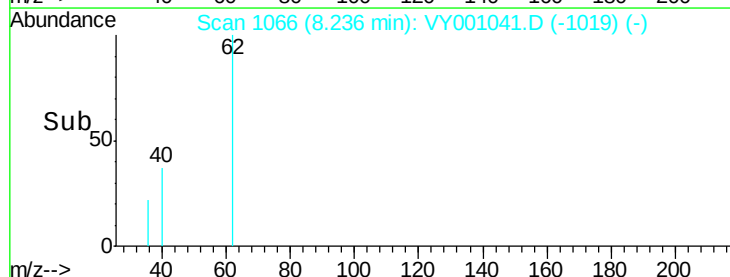
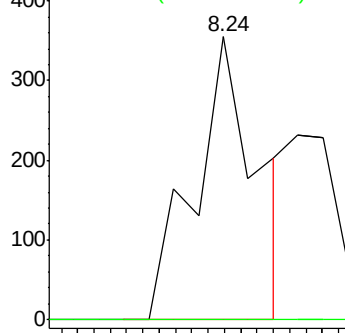
62 100

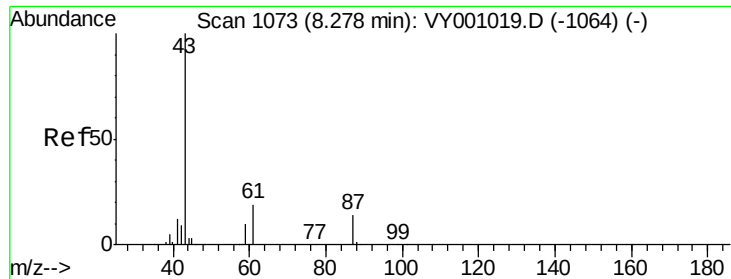
98 0.0 0.0 23.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 1.206 ug/l

RT: 8.27 min Scan# 1071

Delta R.T. -0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

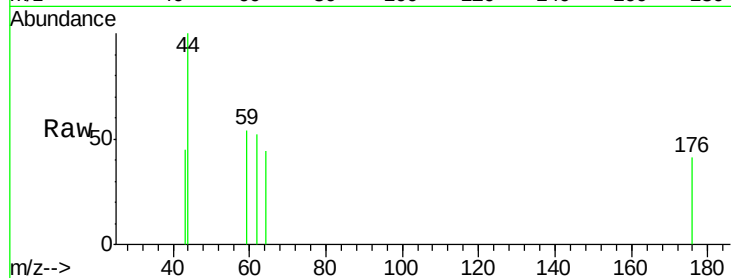
Tot Ion: 43 Resp: 23

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

87 0.0 12.0 18.0#

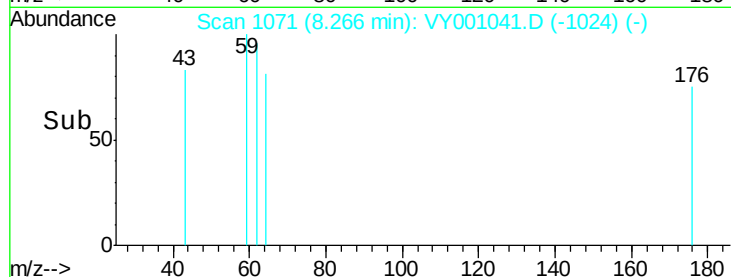


Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY001019.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY001019.D (-1064) (-)

Time-->



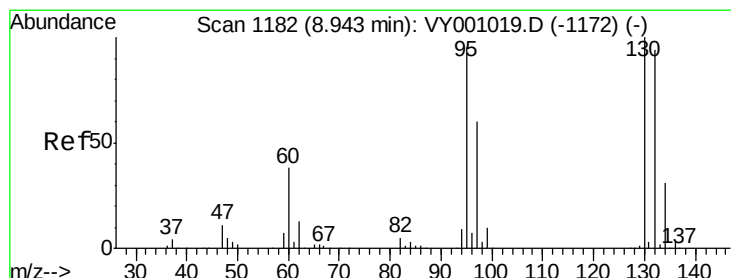
Abundance

Ion 43.00 (42.70 to 43.70): VY001019.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY001019.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY001019.D (-1064) (-)

Time-->



#44

Trichloroethene

Concen: 55.899 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY001041.D

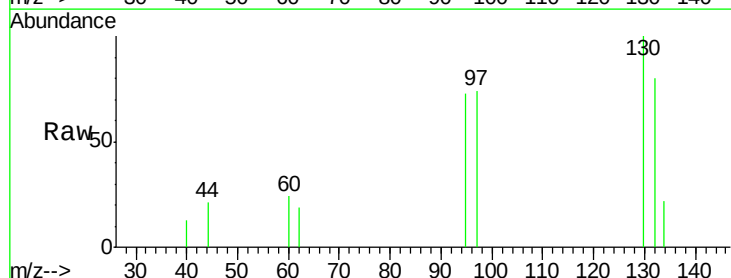
Acq: 24 Dec 2019 12:42

Tgt Ion: 130 Resp: 827

Ion Ratio Lower Upper

130 100

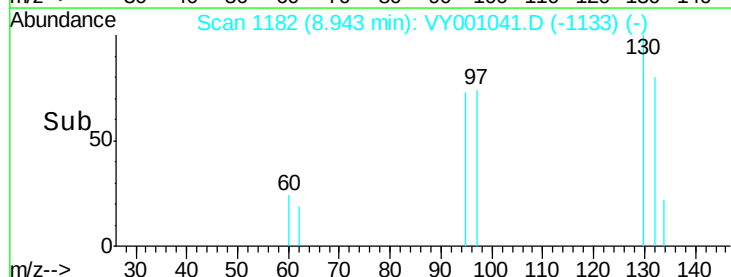
95 72.8 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VY001019.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY001019.D (-1172) (-)

Time-->

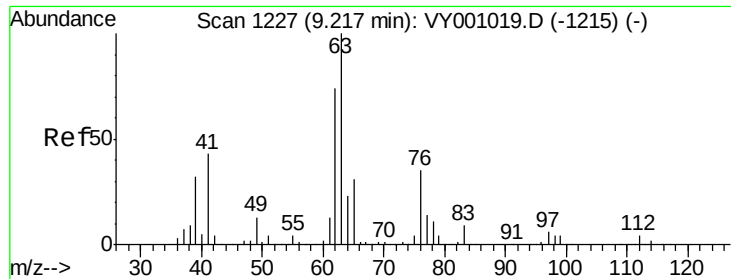


Abundance

Ion 129.80 (129.50 to 130.50): VY001019.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY001019.D (-1172) (-)

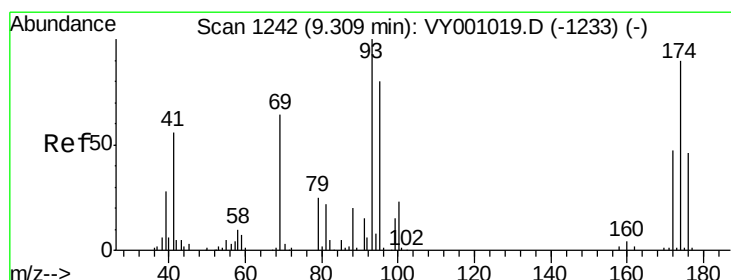
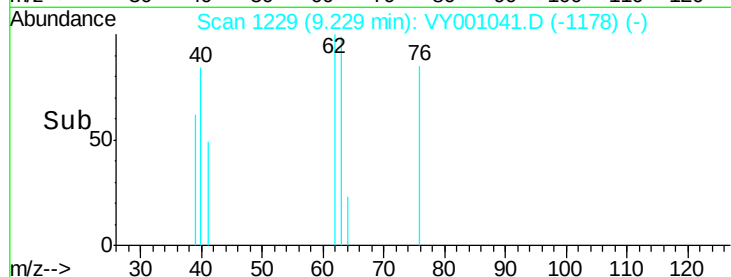
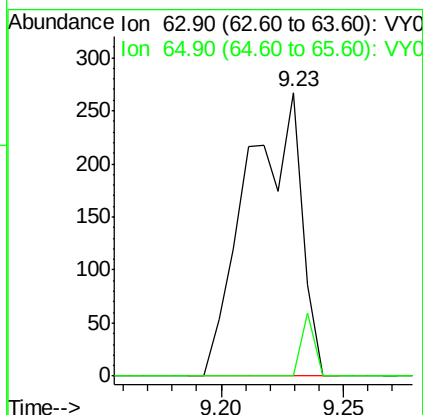
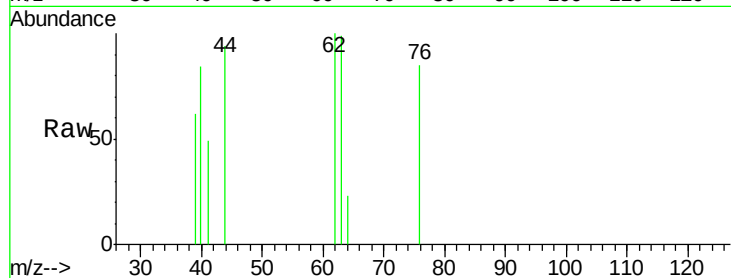
Time-->



#45
 1,2-Dichloropropane
 Concen: 29.461 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

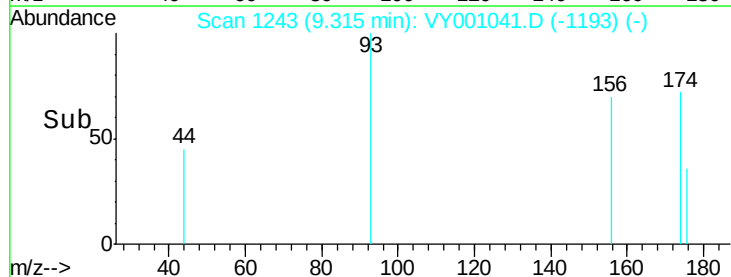
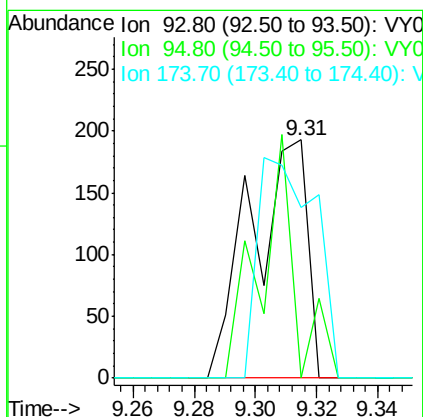
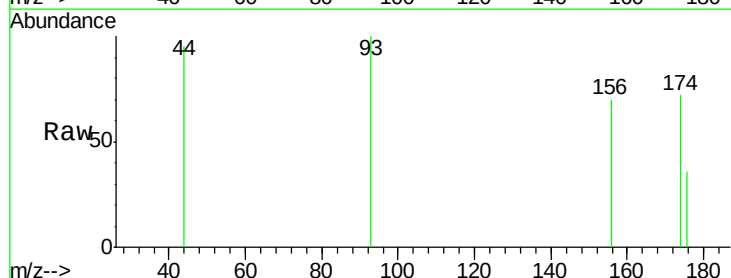
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

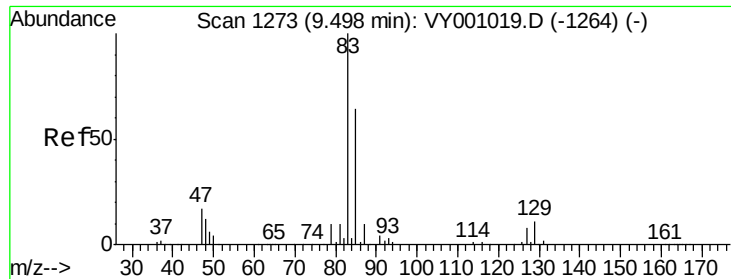
Tot Ion: 63 Resp: 415
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.1 37.7#



#46
 Dibromomethane
 Concen: 33.602 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

Tgt Ion: 93 Resp: 244
 Ion Ratio Lower Upper
 93 100
 95 63.5 66.7 100.1#
 174 95.5 73.6 110.4





#47

Bromodichloromethane

Concen: 22.354 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

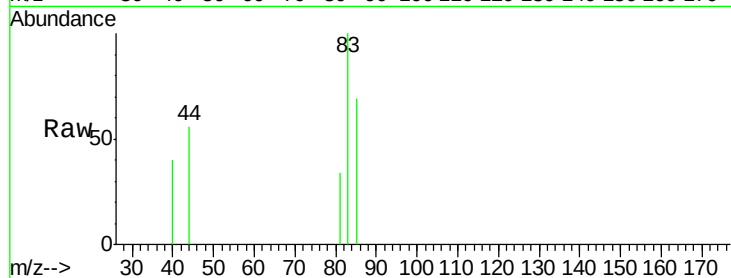
Tot Ion: 83 Resp: 376

Ion Ratio Lower Upper

83 100

85 68.9 50.9 76.3

127 0.0 6.4 9.6#

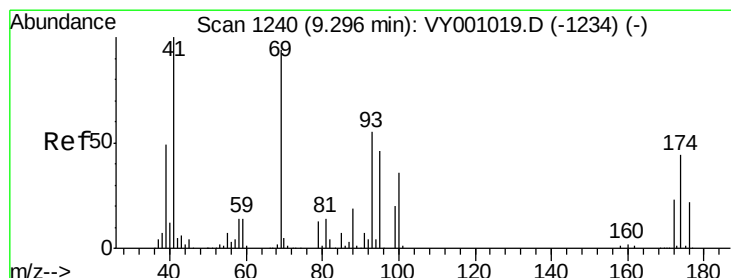
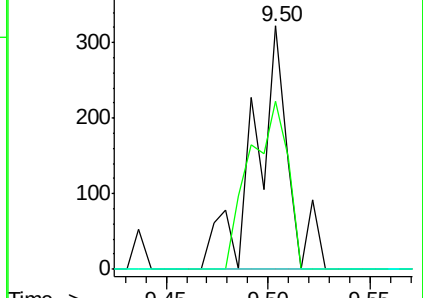
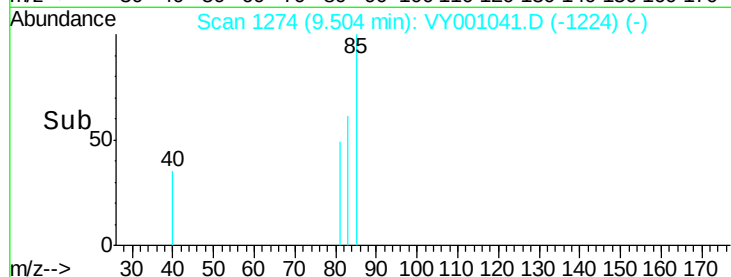


Abundance Ion 82.90 (82.60 to 83.60): VY001041.D (-1274) (-)

Ion 84.90 (84.60 to 85.60): VY001041.D (-1274) (-)

Ion 126.80 (126.50 to 127.50): VY001041.D (-1274) (-)

Time-->



#48

Methyl methacrylate

Concen: 4.299 ug/l

RT: 9.28 min Scan# 1237

Delta R.T. -0.02 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

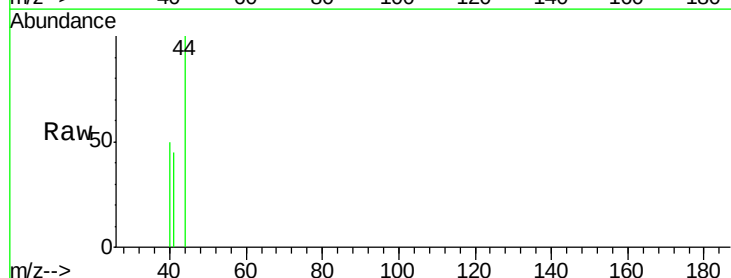
Tgt Ion: 41 Resp: 35

Ion Ratio Lower Upper

41 100

69 0.0 79.8 119.6#

39 0.0 41.7 62.5#

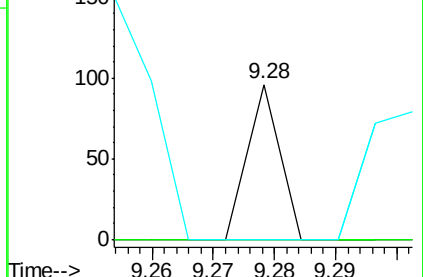
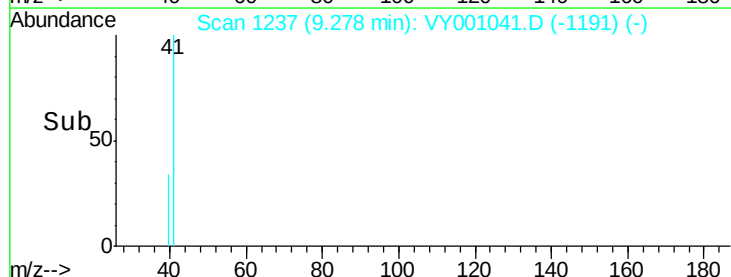


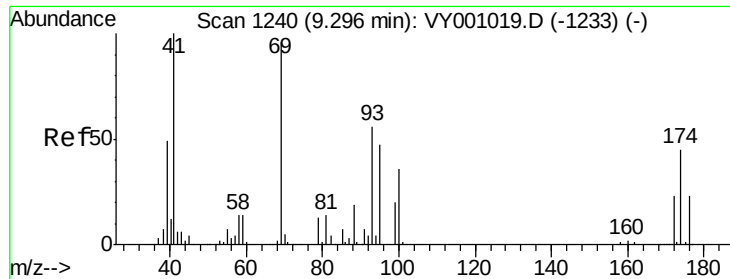
Abundance Ion 41.00 (40.70 to 41.70): VY001041.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY001041.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY001041.D (-1191) (-)

Time-->





#49

1,4-Dioxane

Concen: 188.285 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

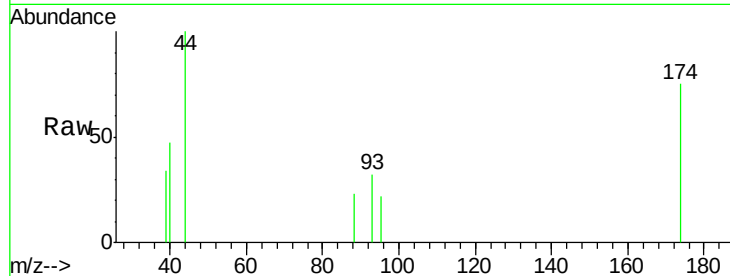
Tot Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 245.0 23.0 34.4#

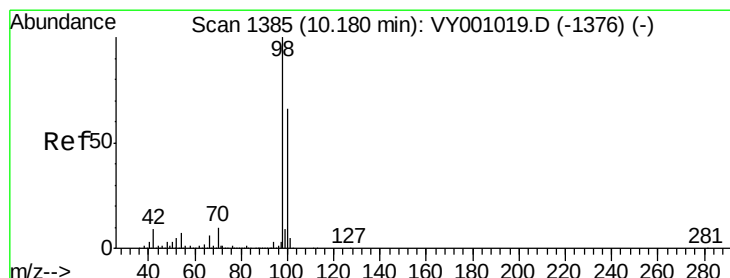
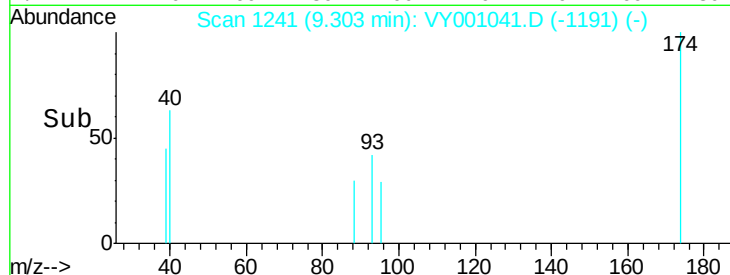
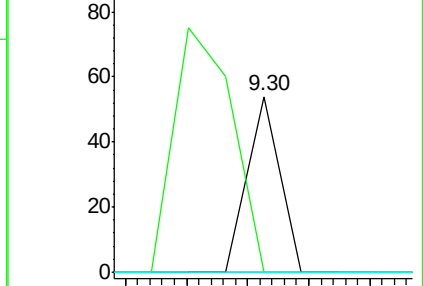
58 0.0 54.9 82.3#



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: 60.872 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY001041.D

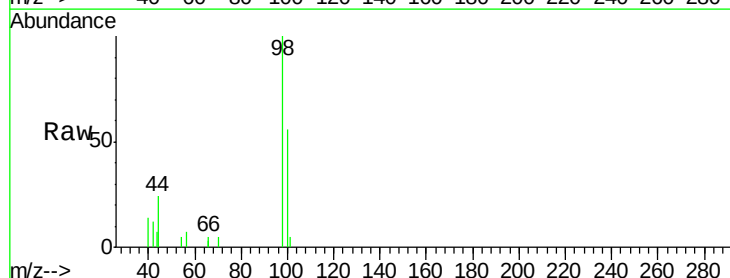
Acq: 24 Dec 2019 12:42

Tgt Ion: 98 Resp: 2733

Ion Ratio Lower Upper

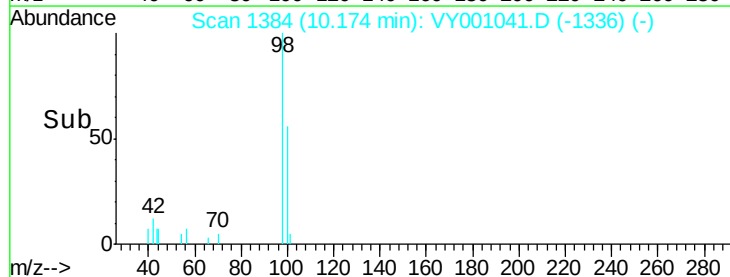
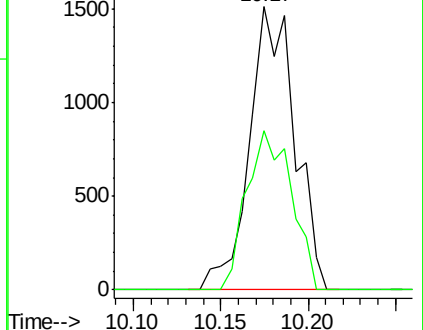
98 100

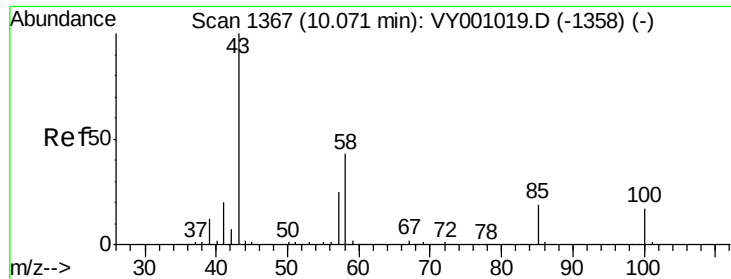
100 55.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

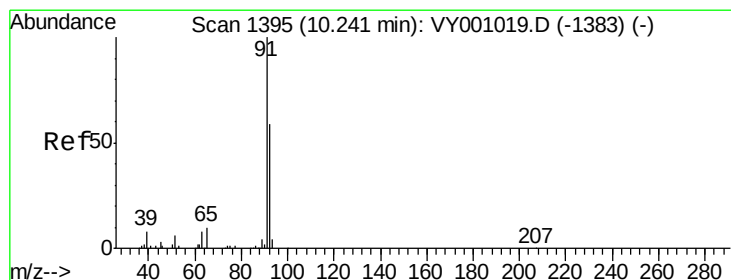
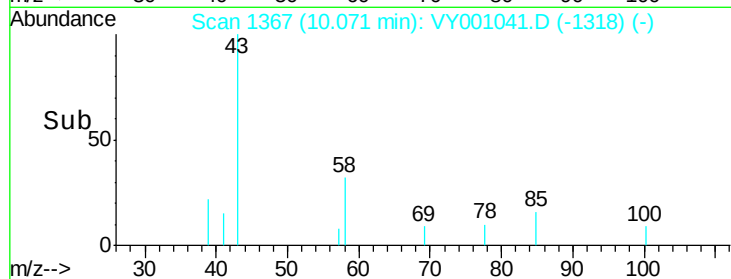
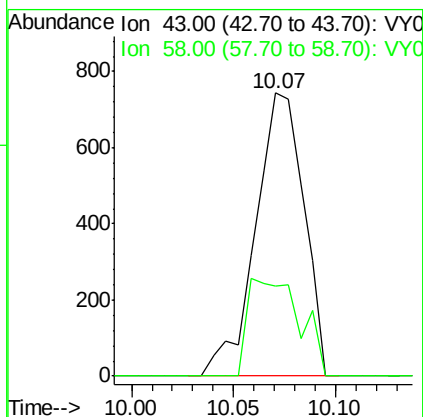
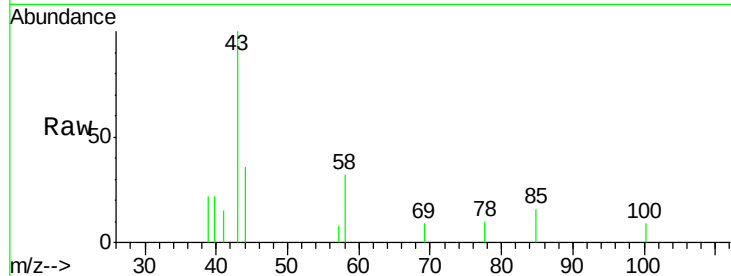




#51
4-Methyl-2-Pentanone
Concen: 123.697 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

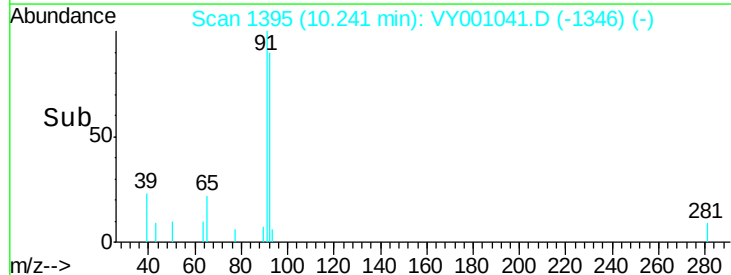
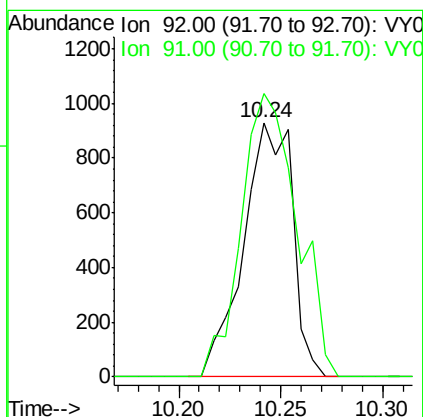
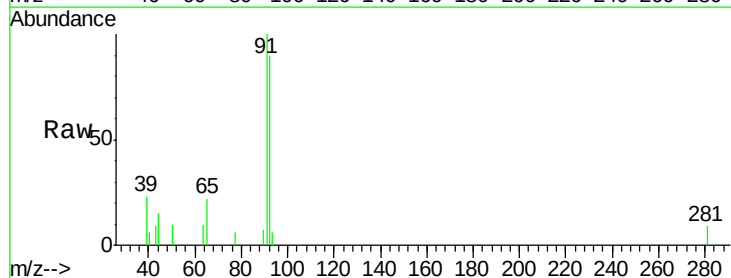
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

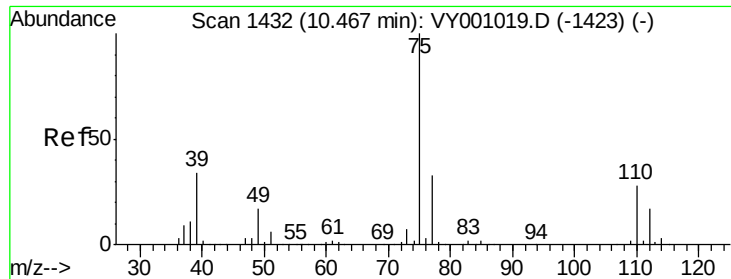
Tot Ion: 43 Resp: 1230
Ion Ratio Lower Upper
43 100
58 37.2 34.6 52.0



#52
Toluene
Concen: 44.849 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

Tgt Ion: 92 Resp: 1550
Ion Ratio Lower Upper
92 100
91 127.5 135.7 203.5#





#53

t-1,3-Dichloropropene

Concen: 1.150 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

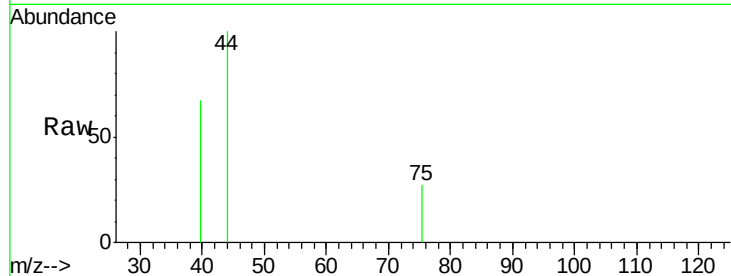
SB-2-(4-5)MS

Tot Ion: 75 Resp: 21

Ion Ratio Lower Upper

75 100

77 0.0 26.5 39.7#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

60

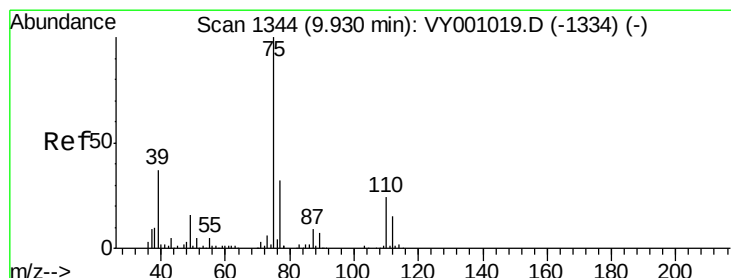
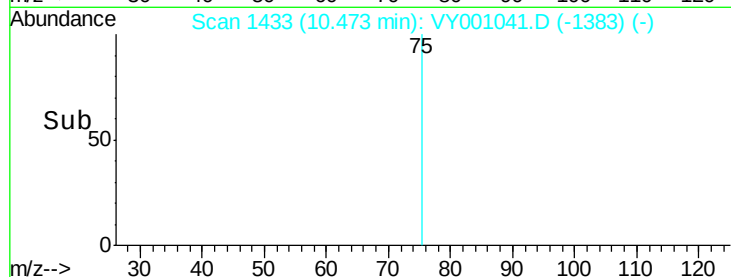
40

20

0

Time-->

10.46 10.48



#54

cis-1,3-Dichloropropene

Concen: 7.563 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

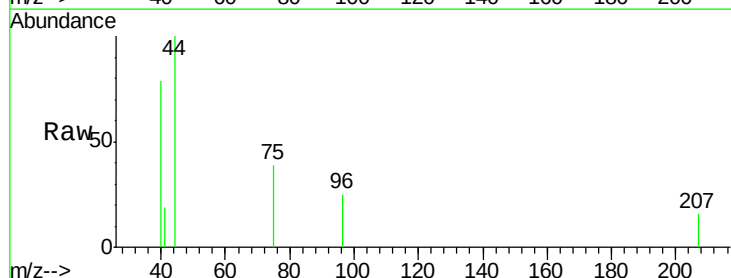
Tgt Ion: 75 Resp: 166

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

39 0.0 29.5 44.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.94

150

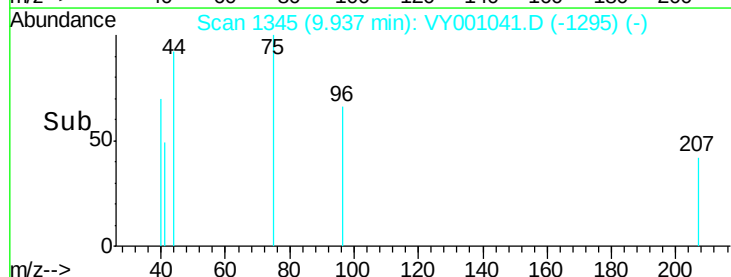
100

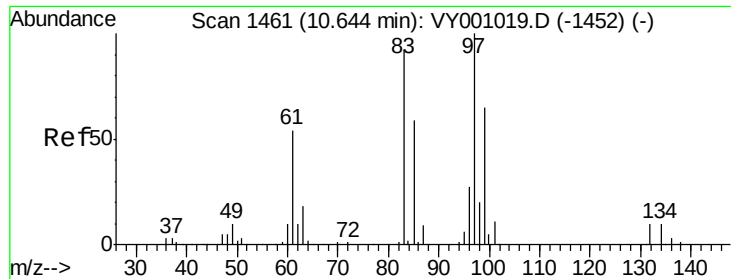
50

0

Time-->

9.90 9.95





#55

1,1,2-Trichloroethane

Concen: 19.372 ug/l

RT: 10.64 min Scan# 1460

Delta R.T. -0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

Tot Ion: 97 Resp: 210

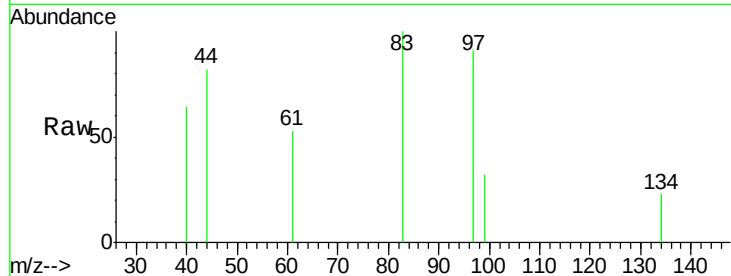
Ion Ratio Lower Upper

97 100

83 109.9 73.7 110.5

85 0.0 47.3 70.9#

99 35.1 51.9 77.9#

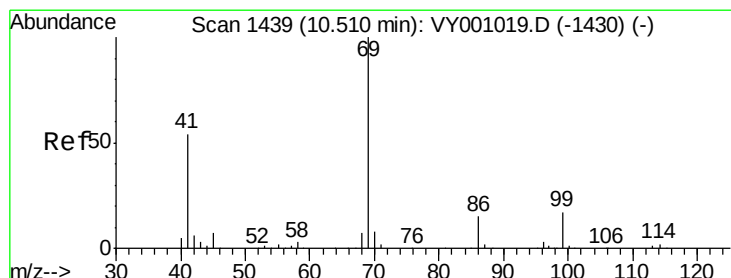
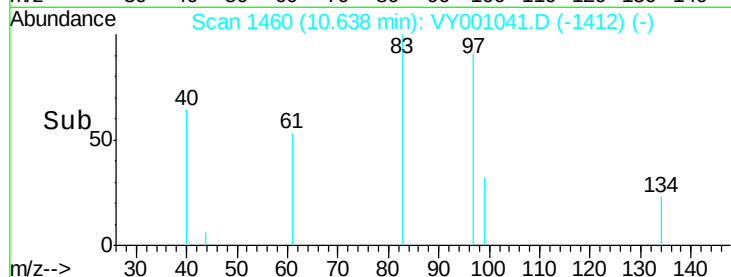
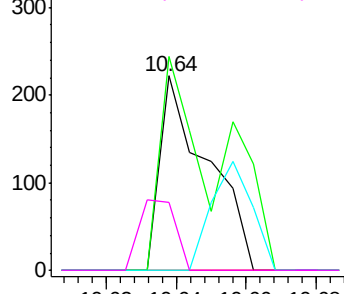


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 15.815 ug/l

RT: 10.50 min Scan# 1438

Delta R.T. -0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

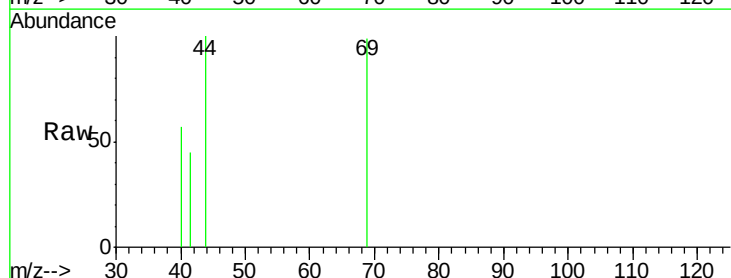
Tgt Ion: 69 Resp: 244

Ion Ratio Lower Upper

69 100

41 29.1 44.7 67.1#

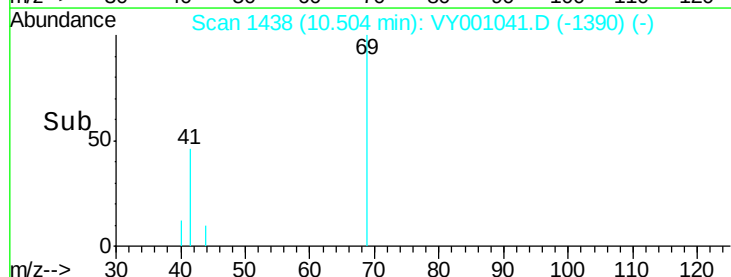
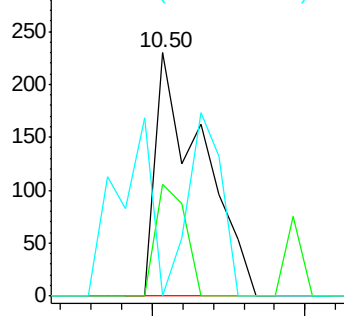
39 54.5 22.2 33.4#

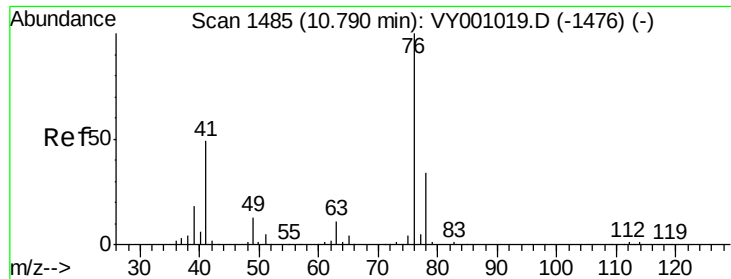


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 24.262 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

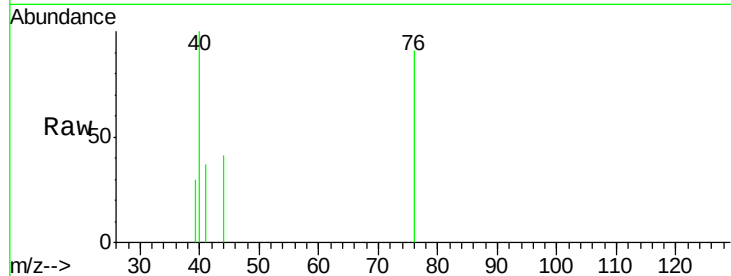
SB-2-(4-5)MS

Tot Ion: 76 Resp: 461

Ion Ratio Lower Upper

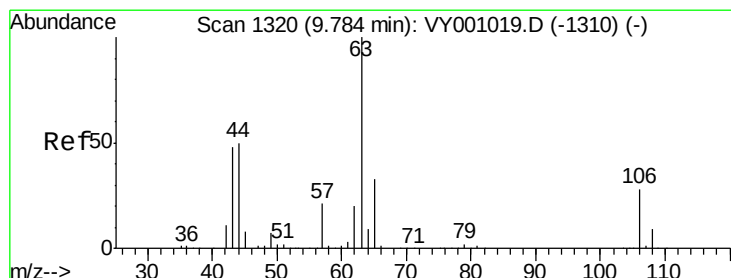
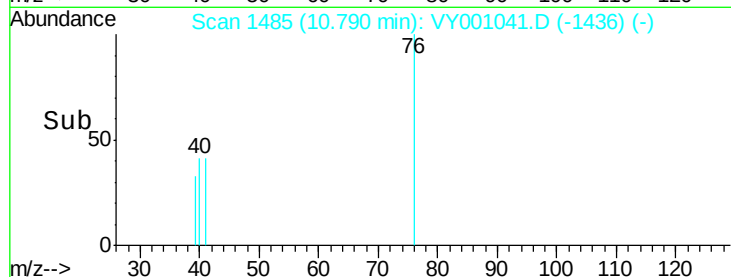
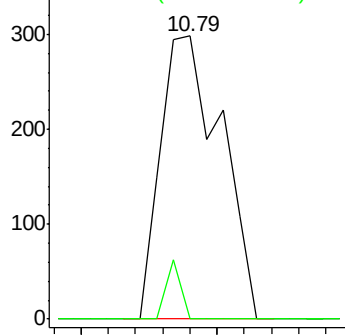
76 100

78 5.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 3.188 ug/l

RT: 9.63 min Scan# 1295

Delta R.T. -0.15 min

Lab File: VY001041.D

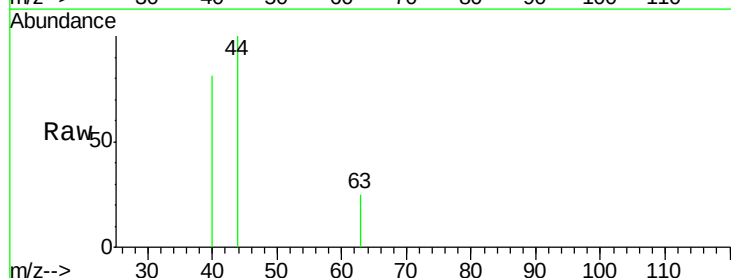
Acq: 24 Dec 2019 12:42

Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

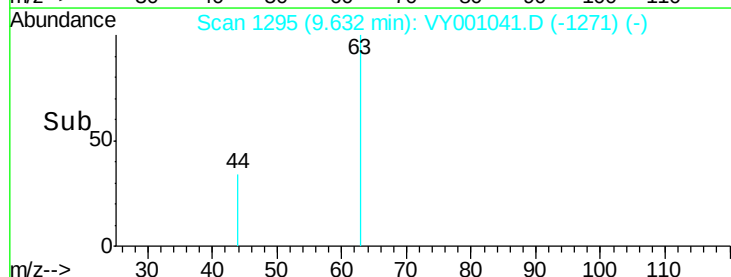
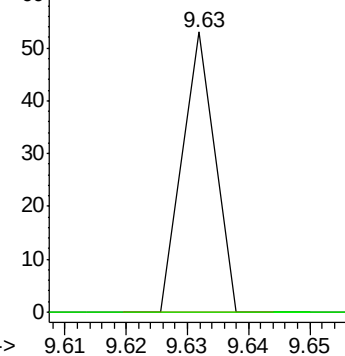
63 100

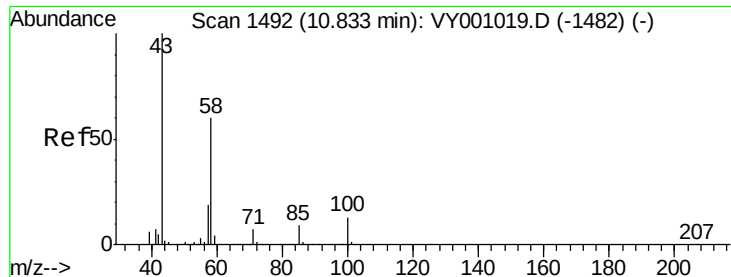
106 0.0 22.7 34.1#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

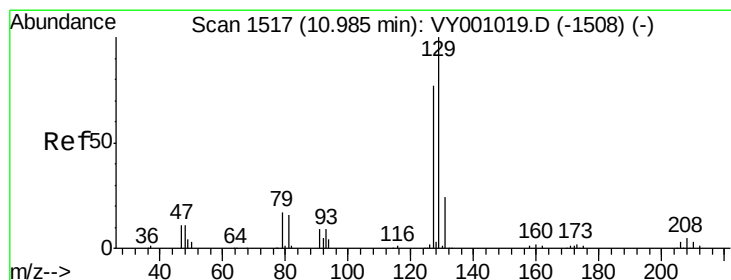
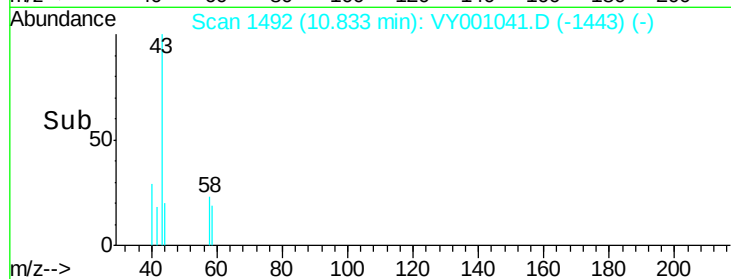
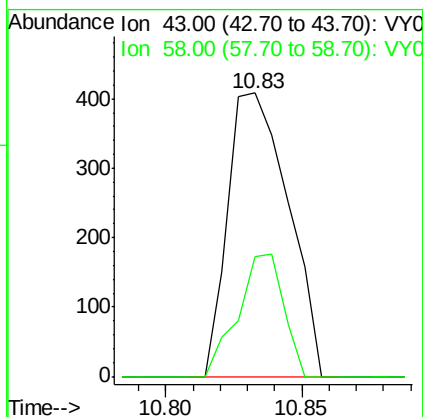
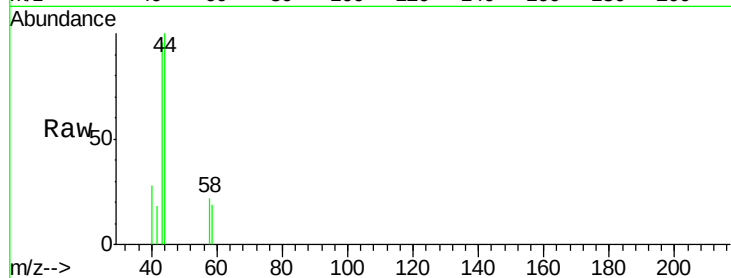




#59
2-Hexanone
Concen: 91.273 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

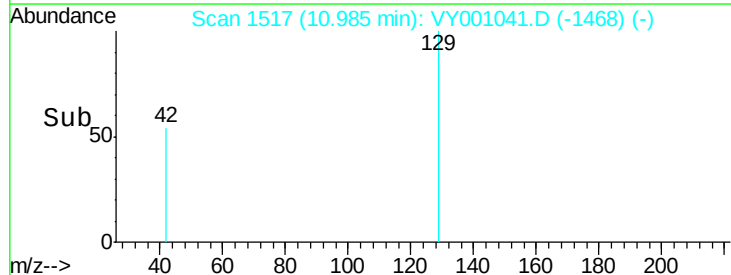
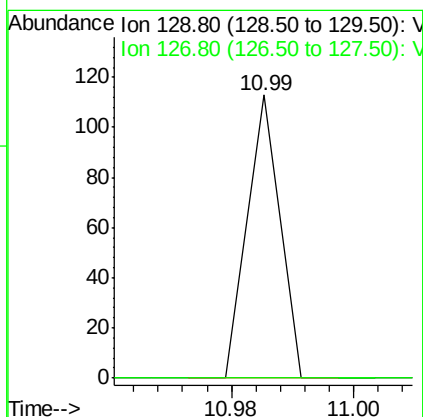
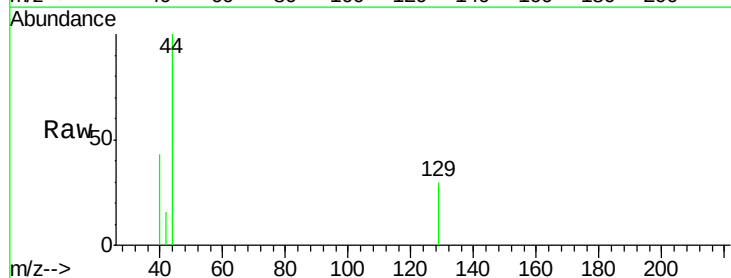
Instrument :
MSVOA_Y
ClientSampled :
SB-2-(4-5)MS

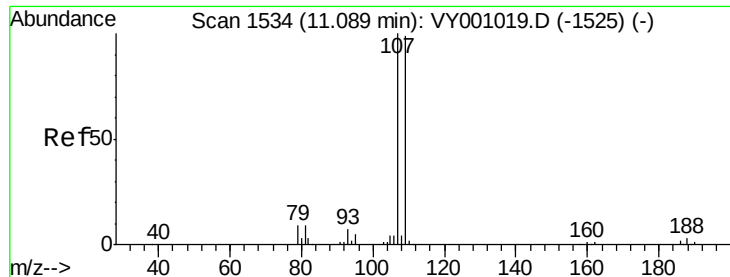
Tot Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
58 32.5 30.6 91.6



#60
Dibromochloromethane
Concen: 3.541 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

Tgt Ion: 129 Resp: 41
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.3#

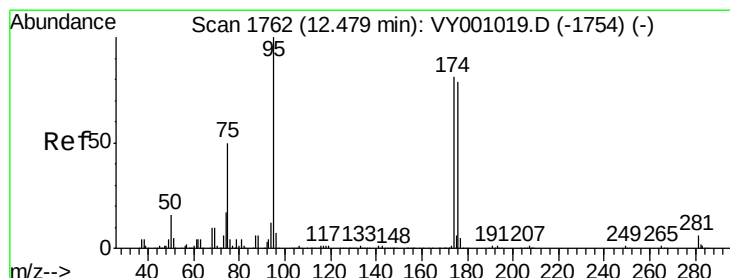
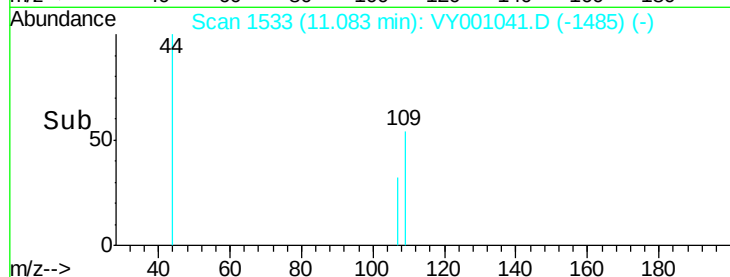
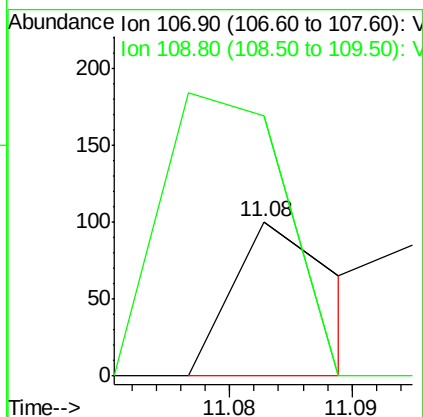
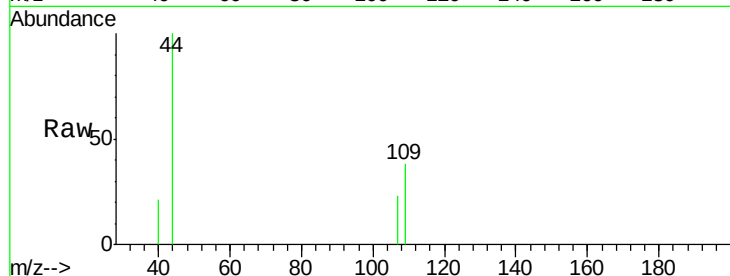




#61
 1,2-Dibromoethane
 Concen: 5.788 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

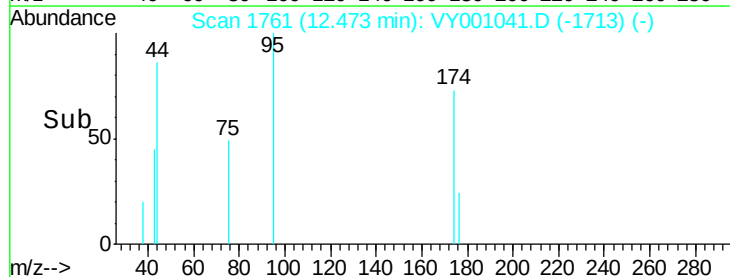
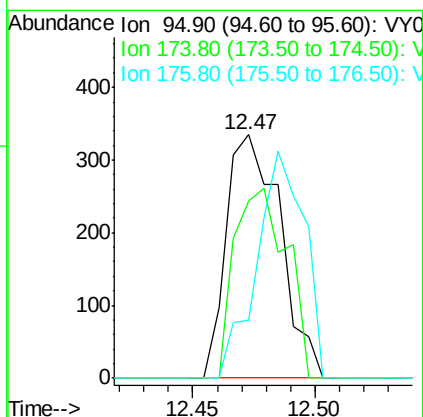
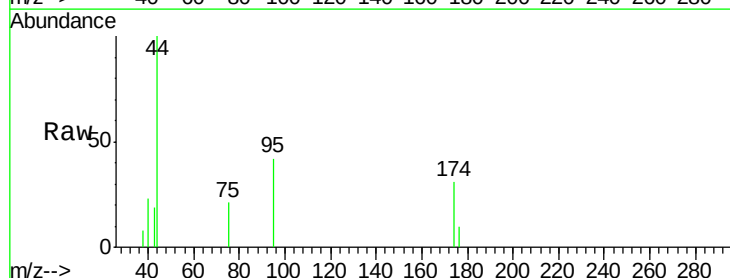
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

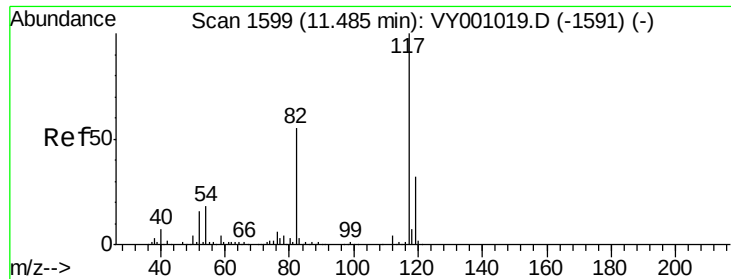
Tot Ion: 107 Resp: 60
 Ion Ratio Lower Upper
 107 100
 109 215.0 74.8 112.2#



#62
 4-Bromofluorobenzene
 Concen: 31.191 ug/l
 RT: 12.47 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

Tgt Ion: 95 Resp: 512
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 156.4
 176 82.0 0.0 155.0

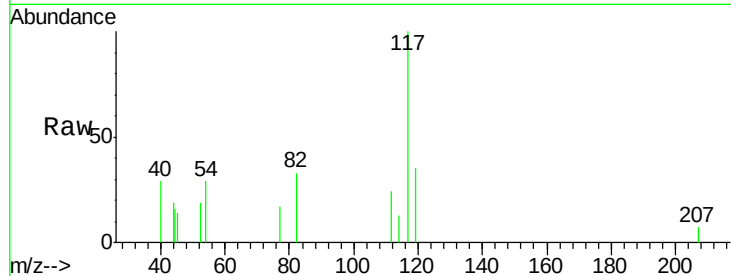




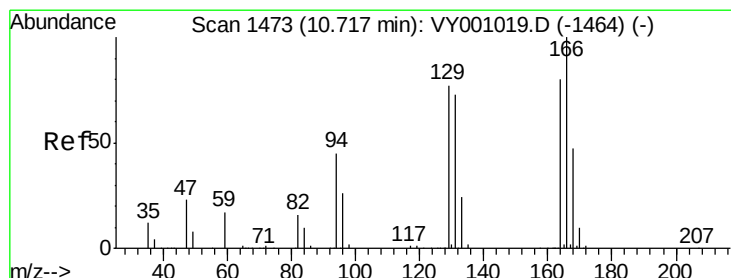
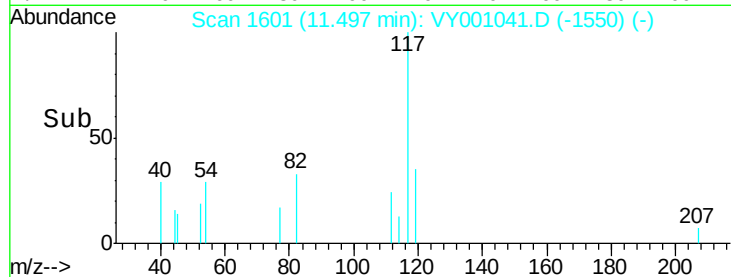
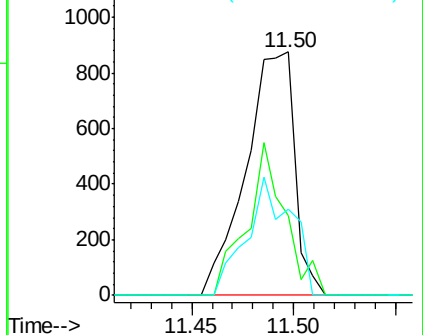
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion:117 Resp: 1454
Ion Ratio Lower Upper
117 100
82 33.0 43.8 65.8#
119 35.3 25.8 38.6

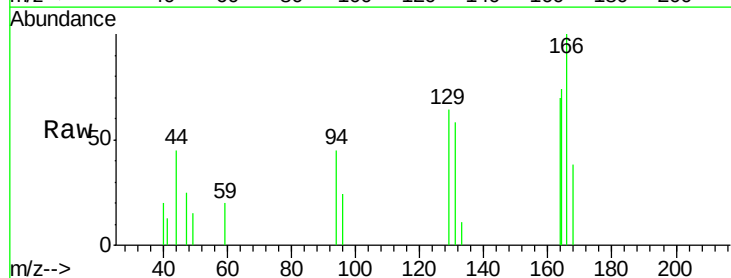


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

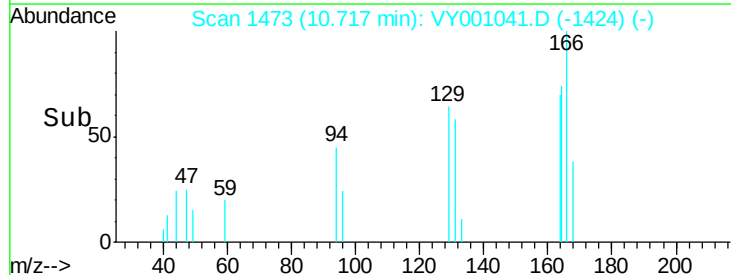
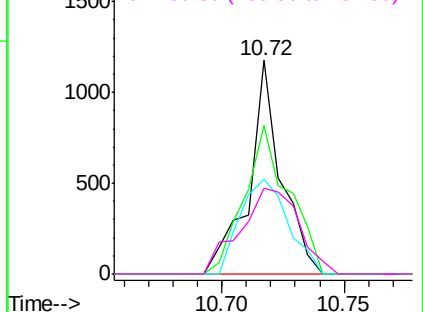


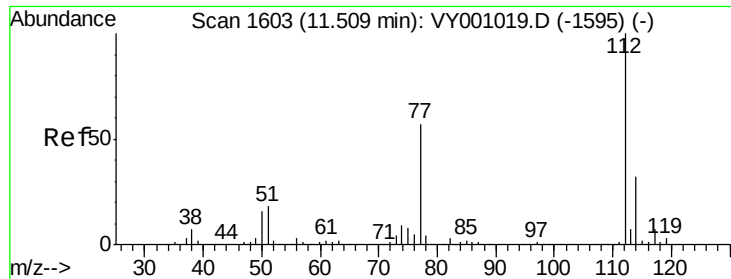
#64
Tetrachloroethene
Concen: 86.483 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

Tgt Ion:164 Resp: 1088
Ion Ratio Lower Upper
164 100
166 69.5 99.7 149.5#
129 44.4 76.9 115.3#
131 40.0 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

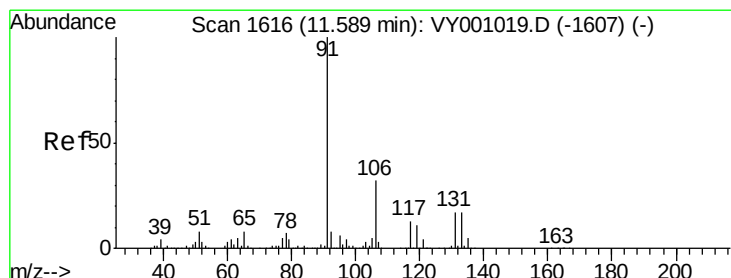
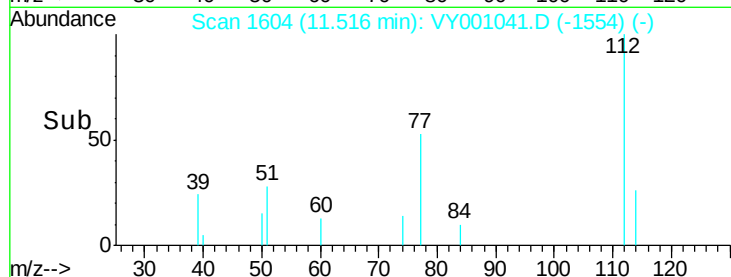
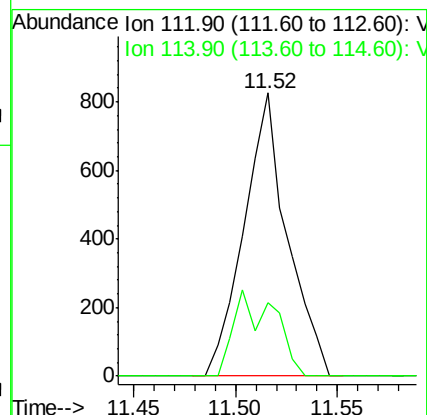
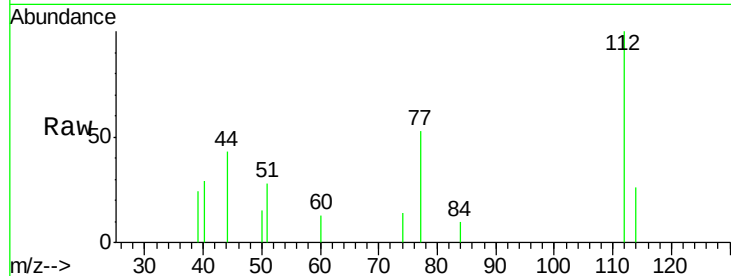




#65
Chlorobenzene
Concen: 40.583 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

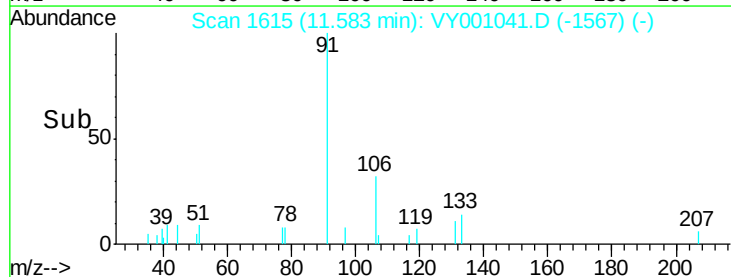
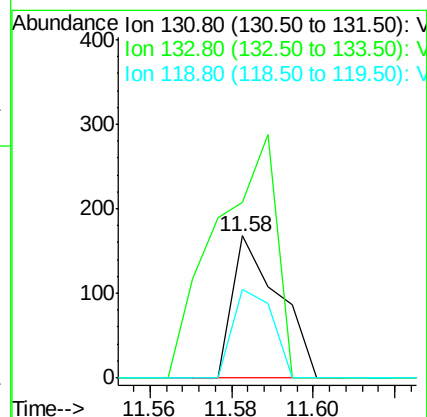
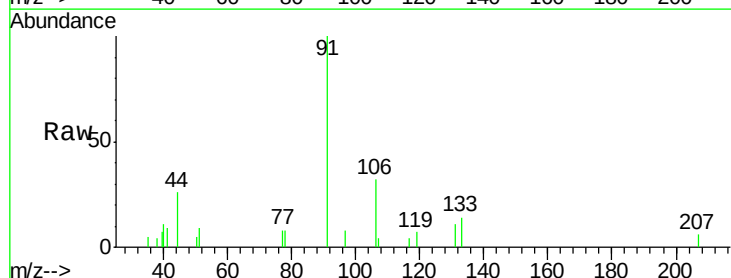
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

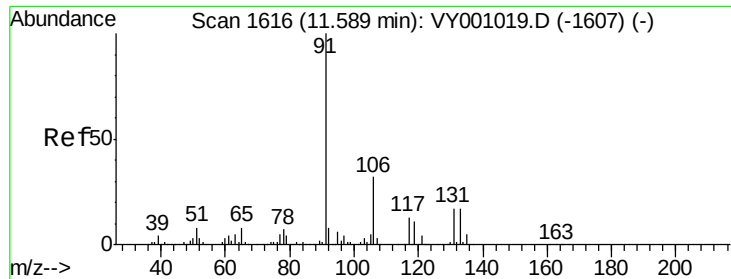
Tot Ion:112 Resp: 1224
Ion Ratio Lower Upper
112 100
114 26.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 13.262 ug/l
RT: 11.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

Tgt Ion:131 Resp: 132
Ion Ratio Lower Upper
131 100
133 222.0 48.1 144.4#
119 53.0 34.0 101.8





#67

Ethyl Benzene

Concen: 47.798 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

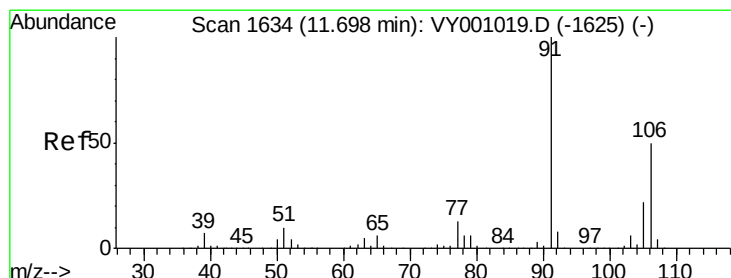
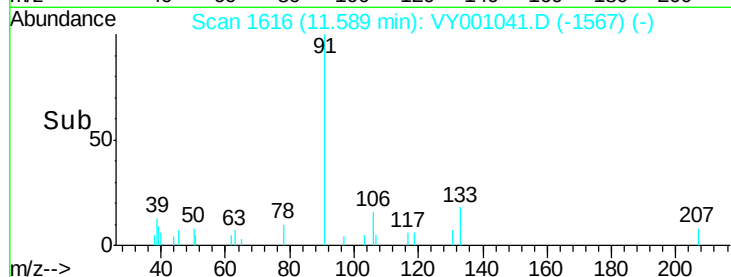
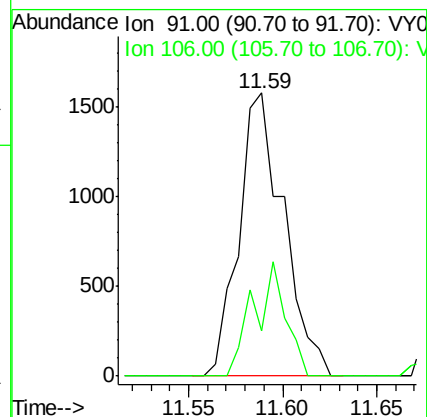
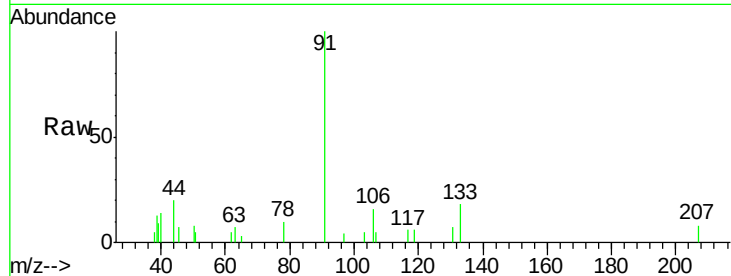
SB-2-(4-5)MS

Tot Ion: 91 Resp: 2593

Ion Ratio Lower Upper

91 100

106 16.2 25.3 37.9#



#68

m/p-Xylenes

Concen: 95.155 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY001041.D

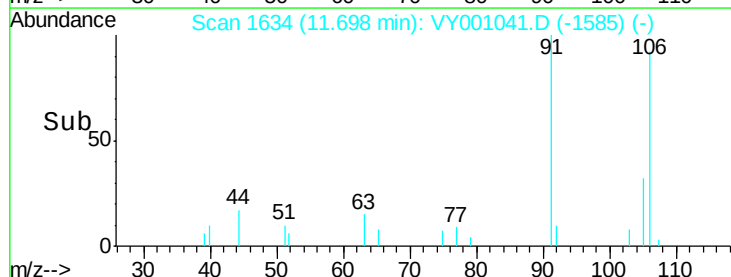
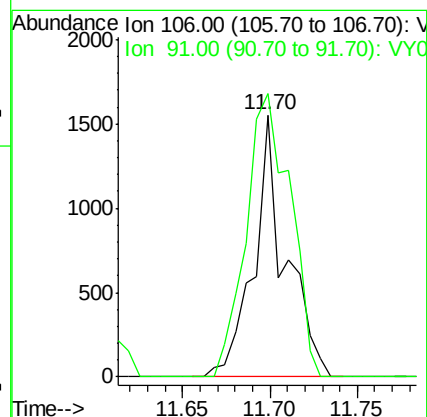
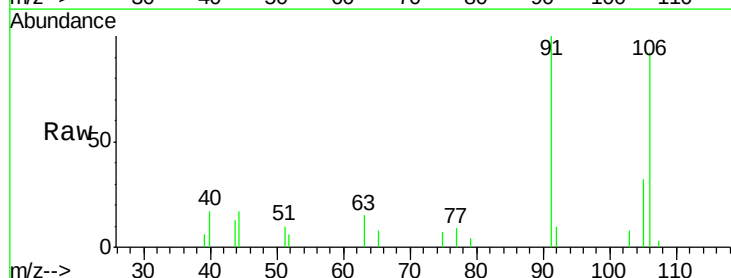
Acq: 24 Dec 2019 12:42

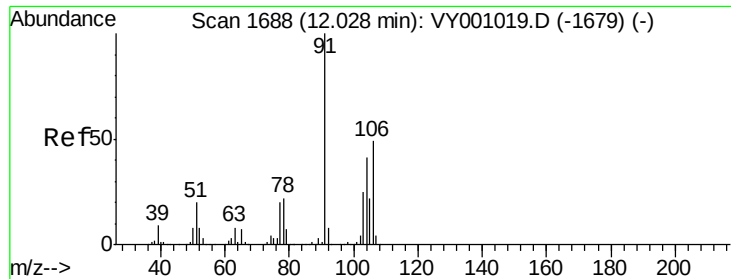
Tgt Ion: 106 Resp: 1960

Ion Ratio Lower Upper

106 100

91 149.6 156.4 234.6#

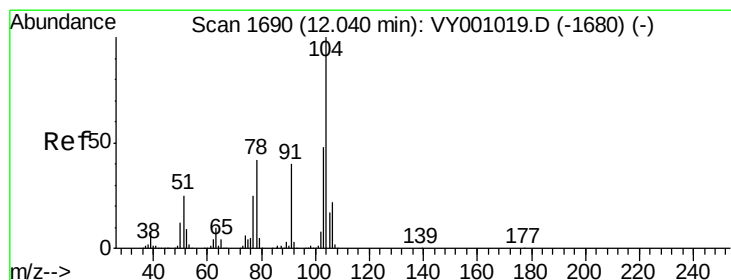
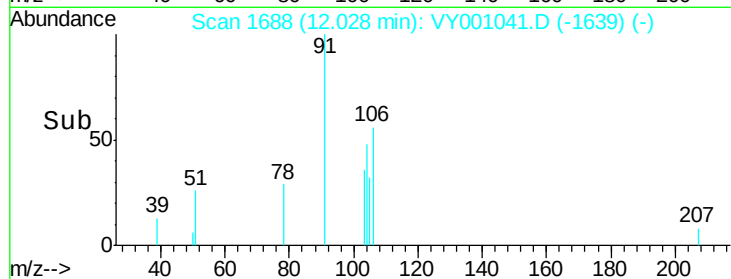
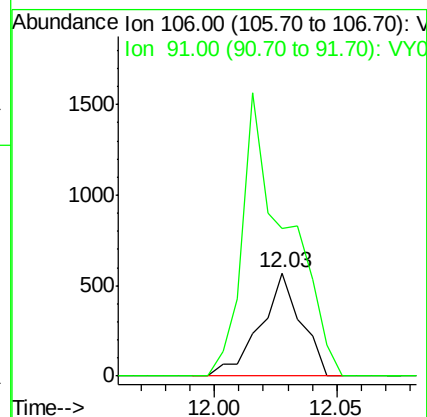
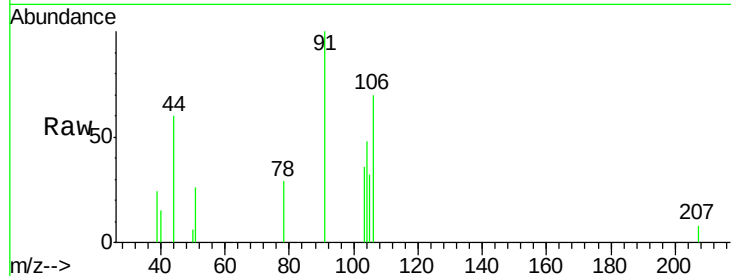




#69
o-Xylene
Concen: 33.750 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

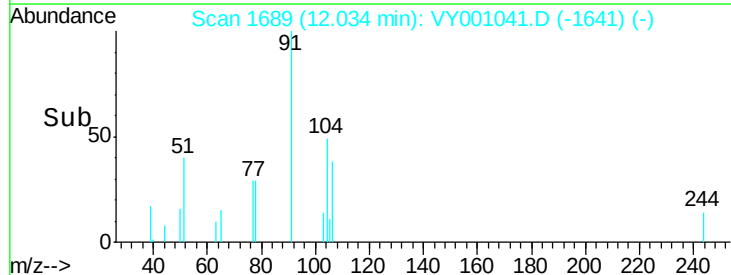
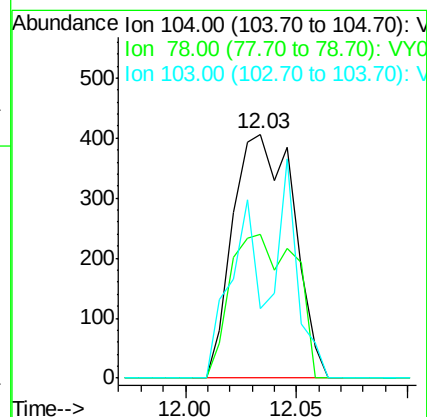
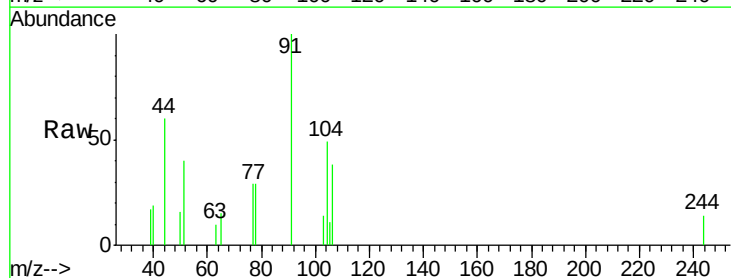
Instrument :
MSVOA_Y
ClientSampled :
SB-2-(4-5)MS

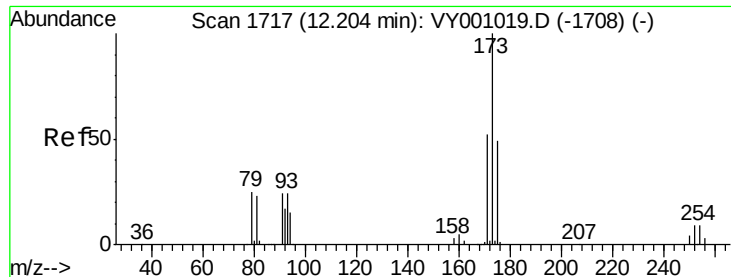
Tot Ion:106 Resp: 654
Ion Ratio Lower Upper
106 100
91 300.9 103.0 309.0



#70
Styrene
Concen: 23.339 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001041.D
Acq: 24 Dec 2019 12:42

Tgt Ion:104 Resp: 769
Ion Ratio Lower Upper
104 100
78 62.9 36.6 54.8#
103 33.7 42.6 64.0#





#71

Bromoform

Concen: 8.120 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

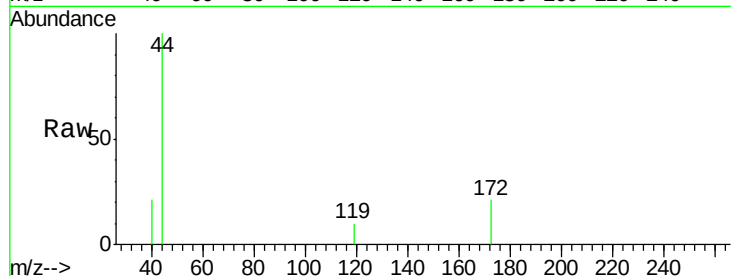
Tot Ion:173 Resp: 45

Ion Ratio Lower Upper

173 100

175 0.0 24.5 73.5#

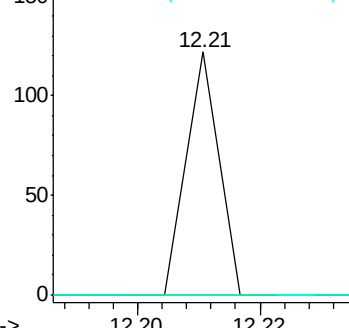
254 0.0 0.0 0.0



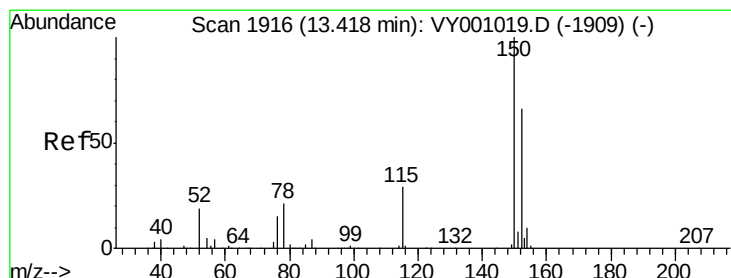
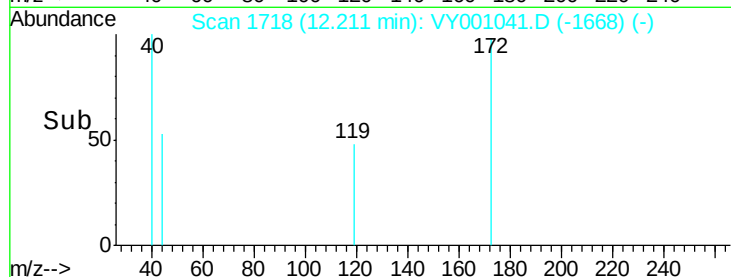
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

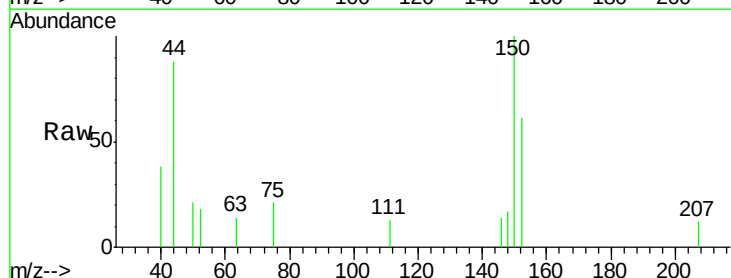
Tgt Ion:152 Resp: 297

Ion Ratio Lower Upper

152 100

115 90.2 29.8 89.3#

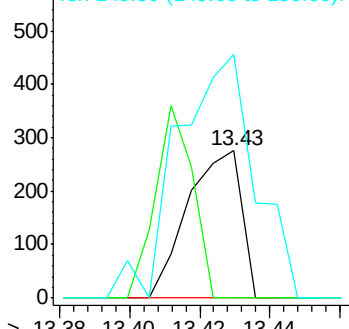
150 238.7 0.0 352.6



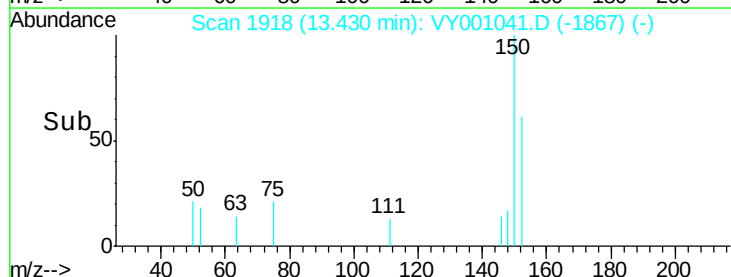
Abundance Ion 151.90 (151.60 to 152.60): V

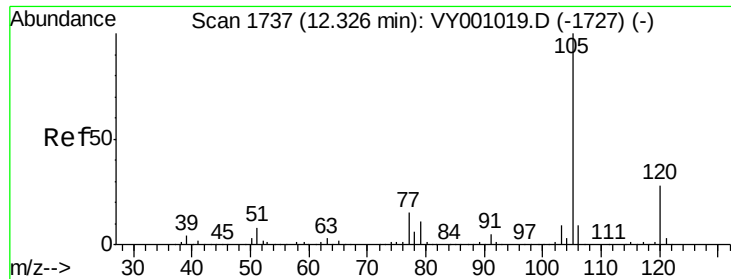
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->





#73

Isopropylbenzene

Concen: 81.277 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

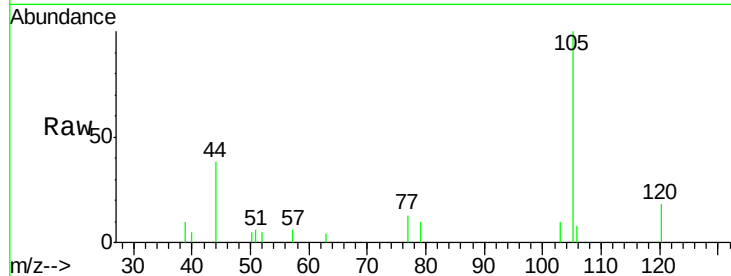
SB-2-(4-5)MS

Tot Ion:105 Resp: 1868

Ion Ratio Lower Upper

105 100

120 28.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

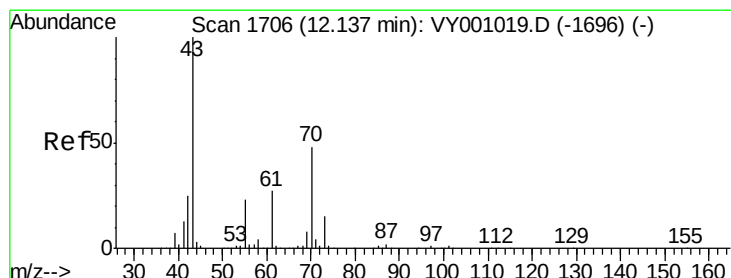
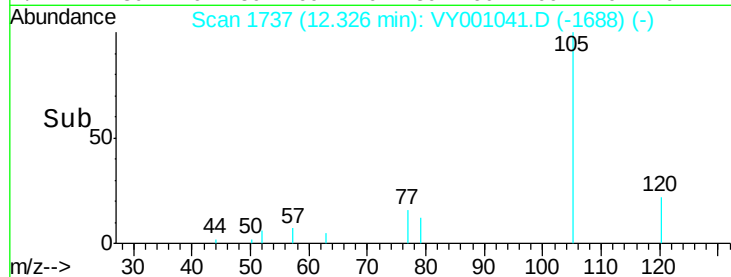
1000

500

0

12.30 12.35

Time-->



#74

N-ethyl acetate

Concen: 28.983 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Tgt Ion: 43 Resp: 175

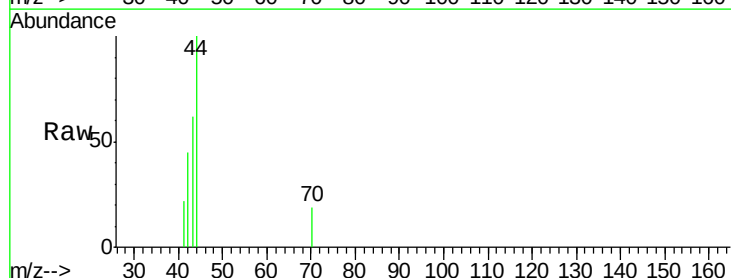
Ion Ratio Lower Upper

43 100

70 14.9 39.0 58.6#

55 0.0 19.5 29.3#

61 0.0 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

300

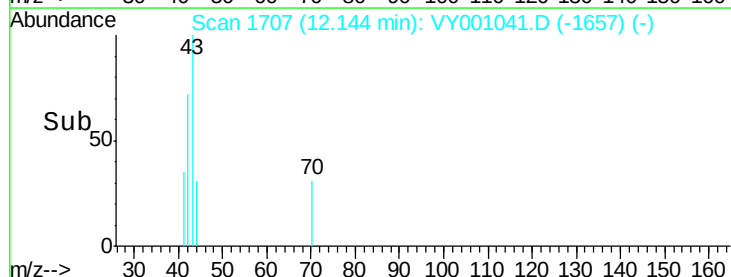
200

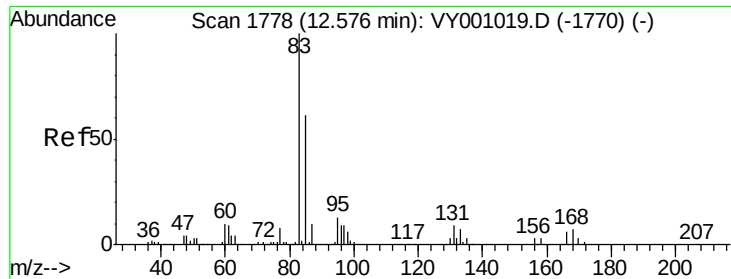
100

0

12.12 12.14 12.16

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.552 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

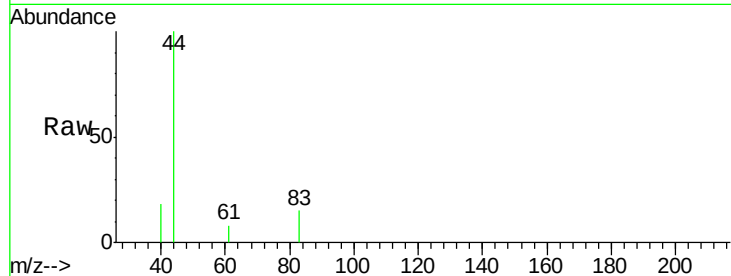
Tot Ion: 83 Resp: 84

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

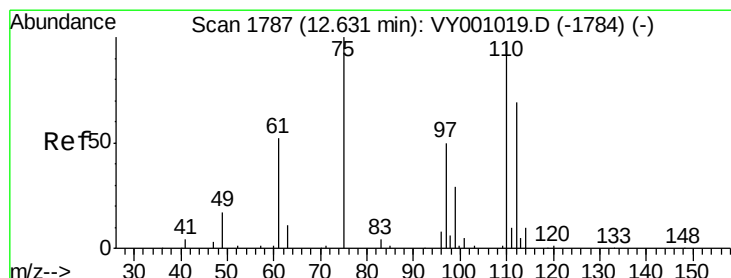
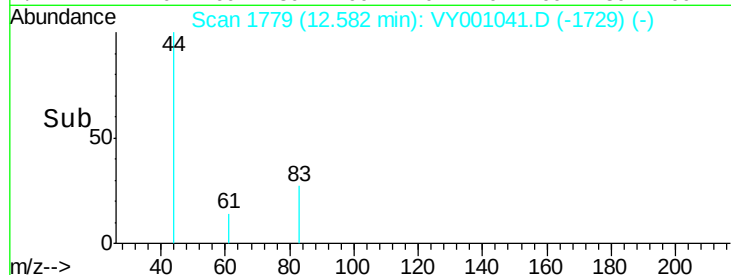
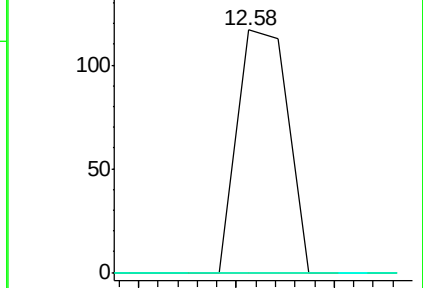
85 0.0 32.1 96.5#



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: 30.589 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001041.D

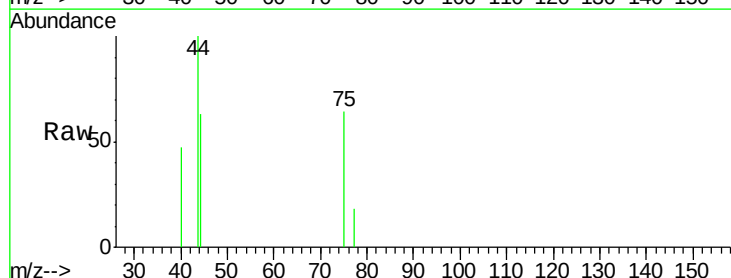
Acq: 24 Dec 2019 12:42

Tgt Ion: 75 Resp: 112

Ion Ratio Lower Upper

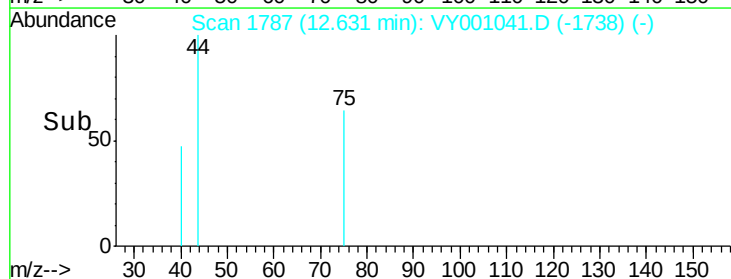
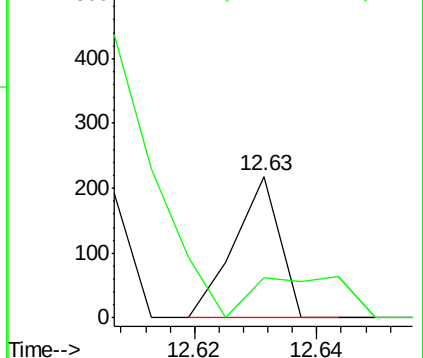
75 100

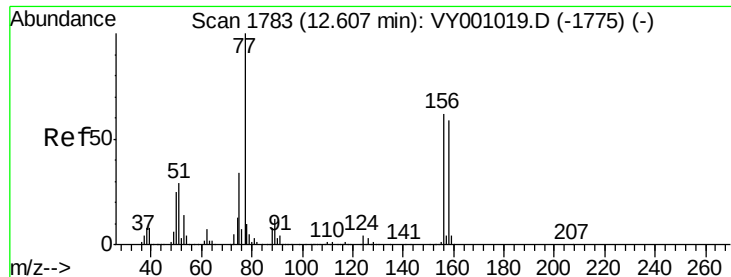
77 60.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 57.458 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

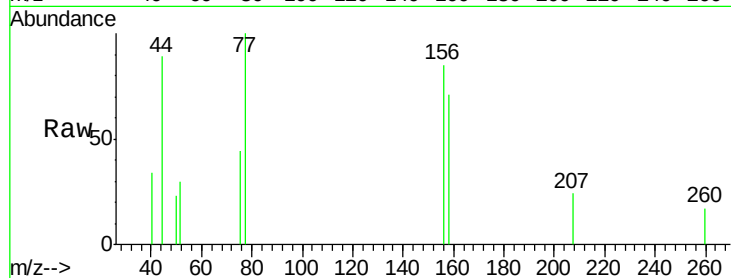
Tot Ion:156 Resp: 297

Ion Ratio Lower Upper

156 100

77 188.6 98.0 294.1

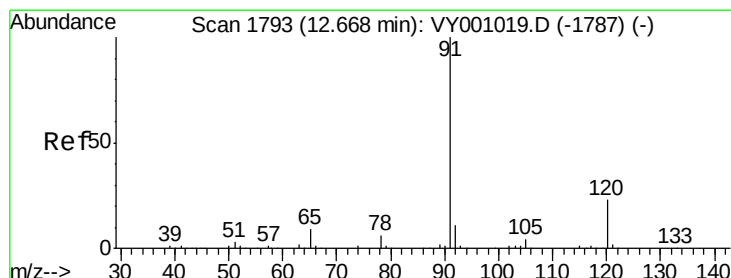
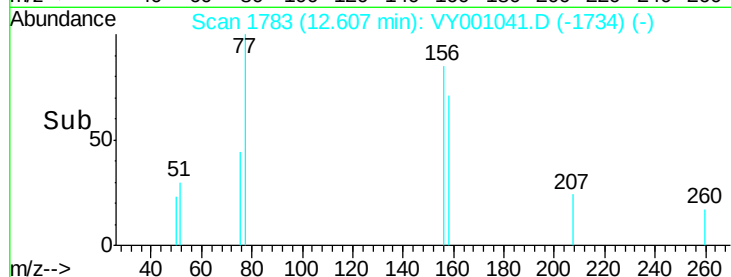
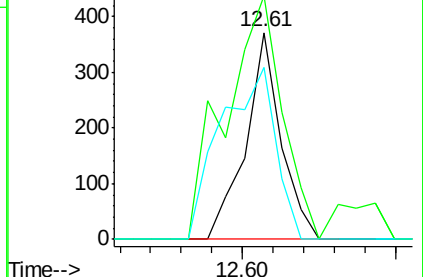
158 128.6 48.5 145.6



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: 71.916 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001041.D

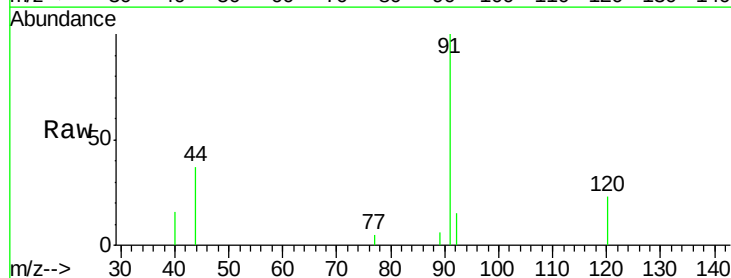
Acq: 24 Dec 2019 12:42

Tgt Ion: 91 Resp: 2014

Ion Ratio Lower Upper

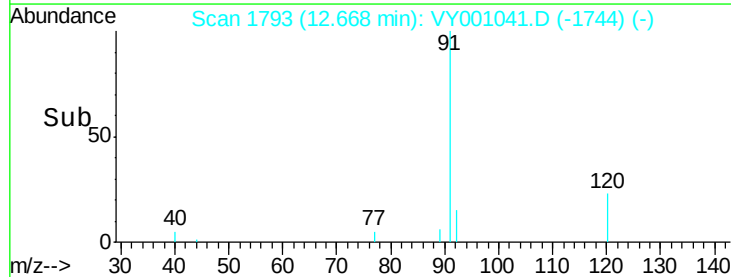
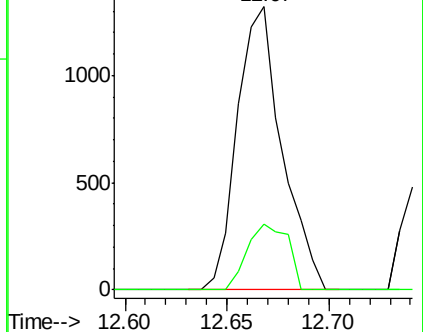
91 100

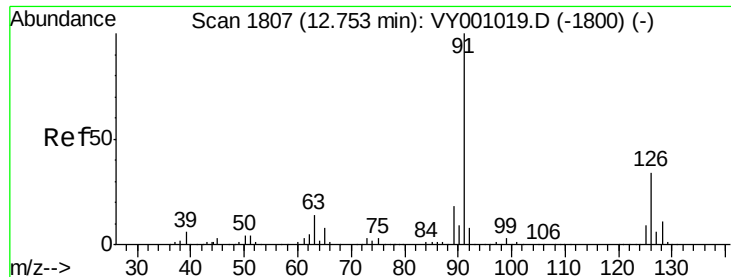
120 21.1 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 68.733 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

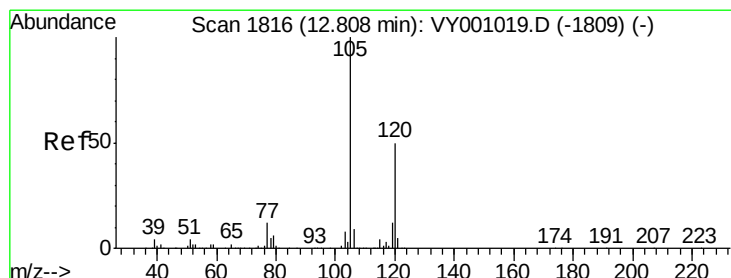
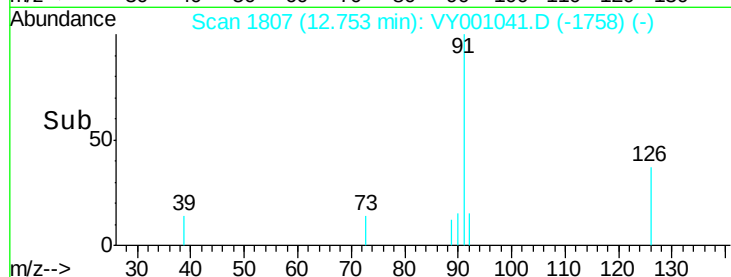
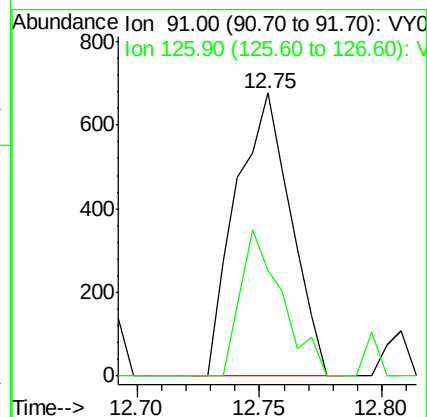
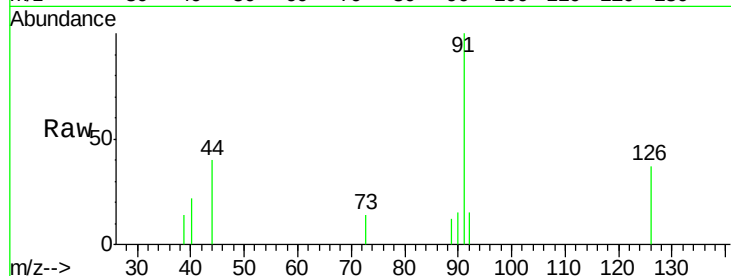
SB-2-(4-5)MS

Tot Ion: 91 Resp: 1063

Ion Ratio Lower Upper

91 100

126 39.0 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 70.651 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001041.D

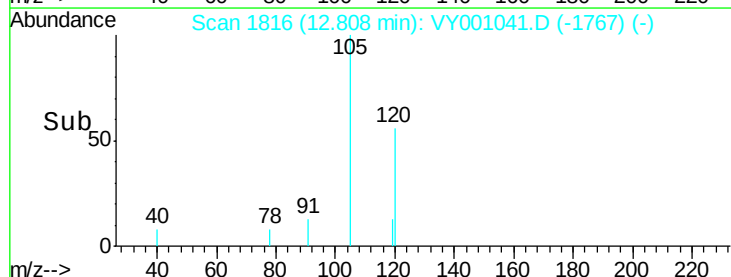
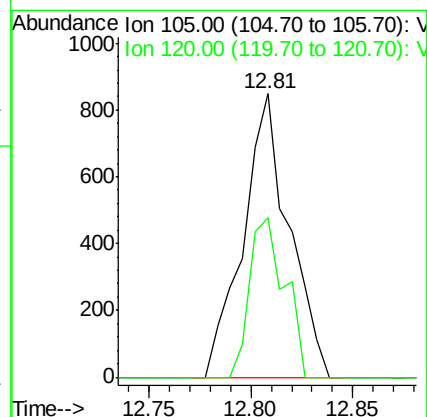
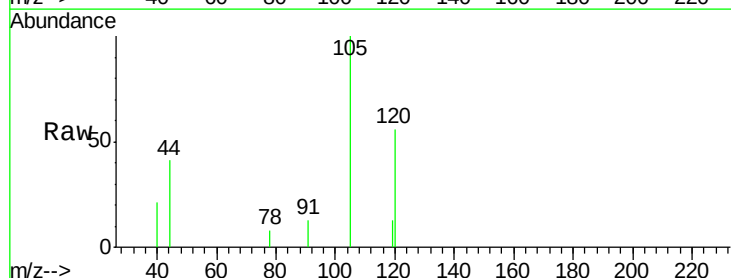
Acq: 24 Dec 2019 12:42

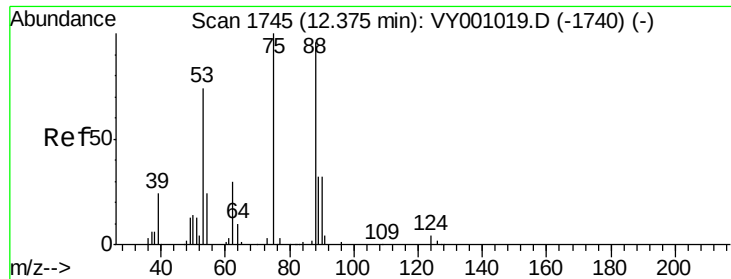
Tgt Ion: 105 Resp: 1331

Ion Ratio Lower Upper

105 100

120 42.7 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 142.130 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. 0.11 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

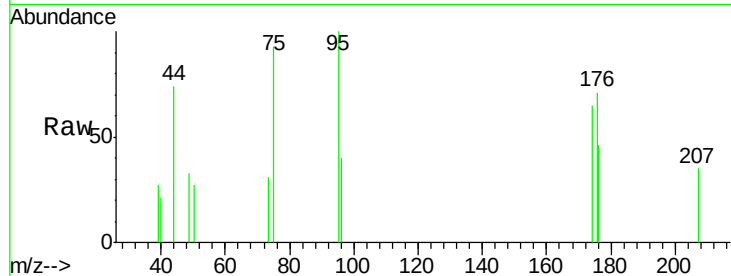
Tot Ion: 75 Resp: 244

Ion Ratio Lower Upper

75 100

53 0.0 60.6 91.0#

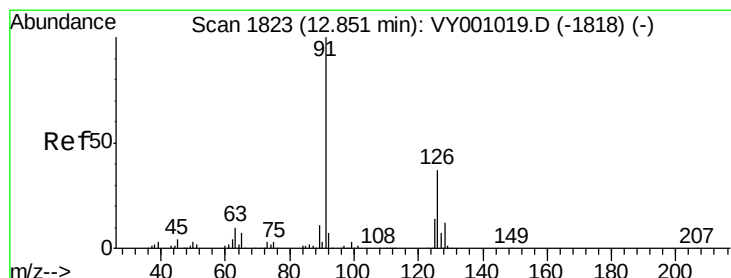
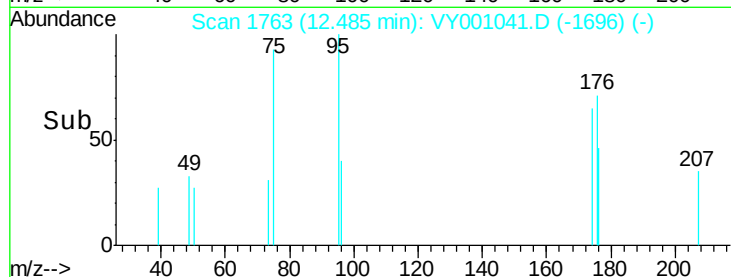
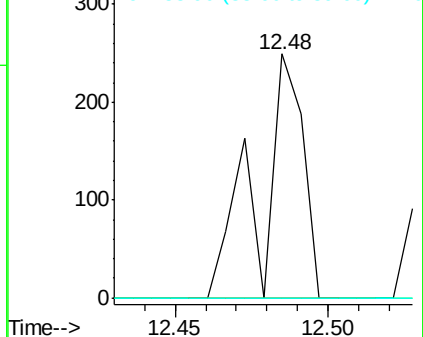
89 0.0 35.4 53.0#



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: 67.294 ug/l

RT: 12.84 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VY001041.D

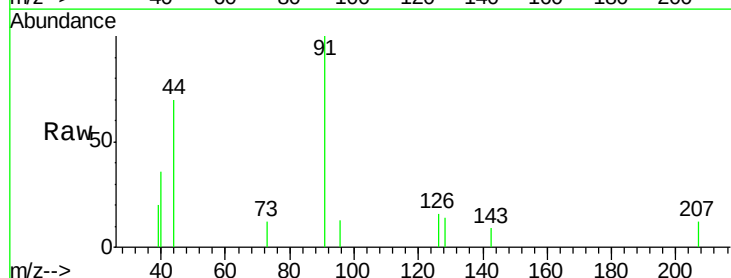
Acq: 24 Dec 2019 12:42

Tgt Ion: 91 Resp: 1081

Ion Ratio Lower Upper

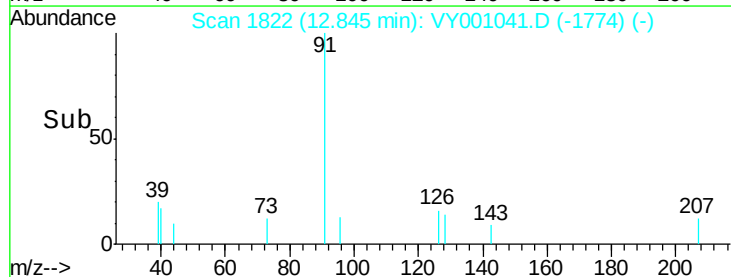
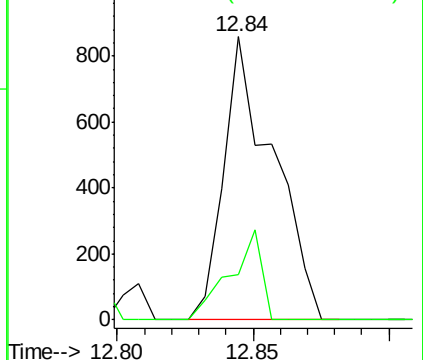
91 100

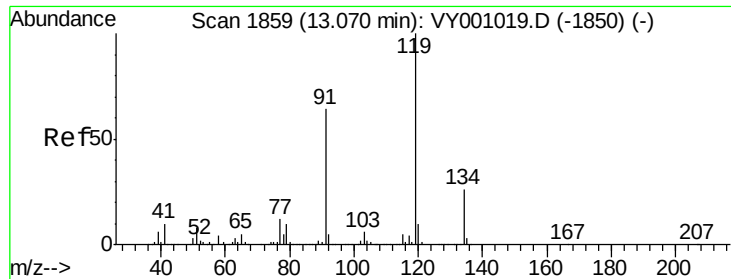
126 20.3 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

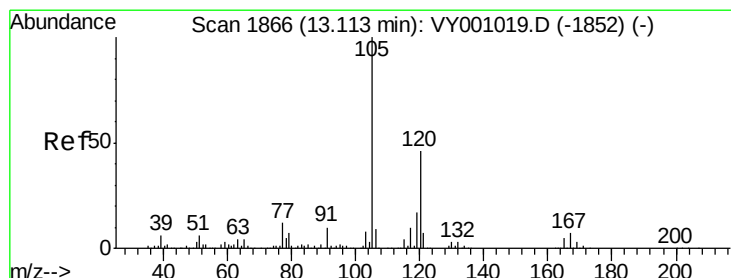
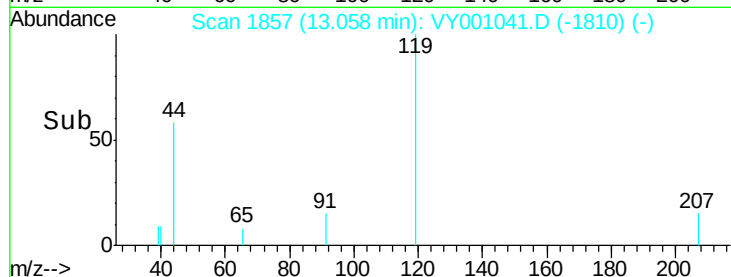
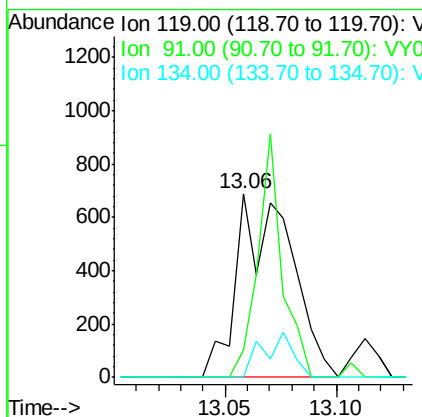
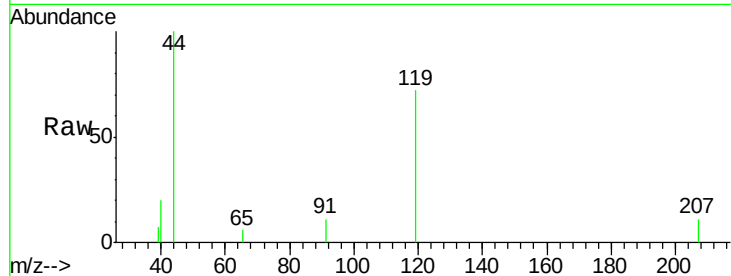




#83
 tert-Butylbenzene
 Concen: 74.427 ug/l
 RT: 13.06 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

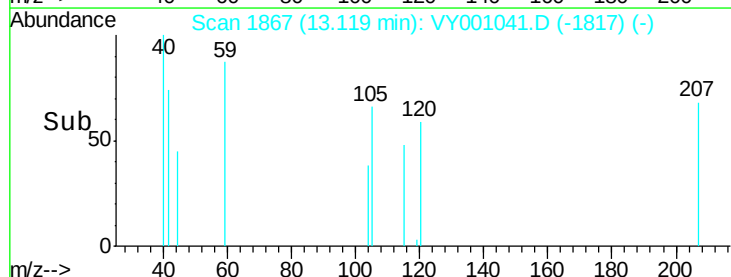
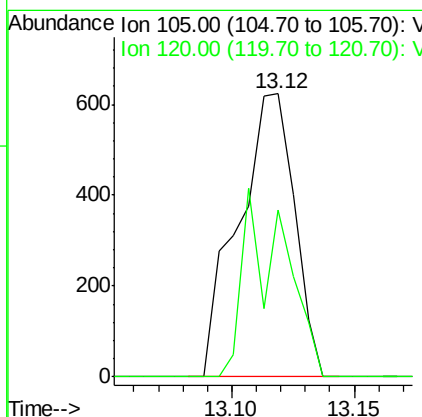
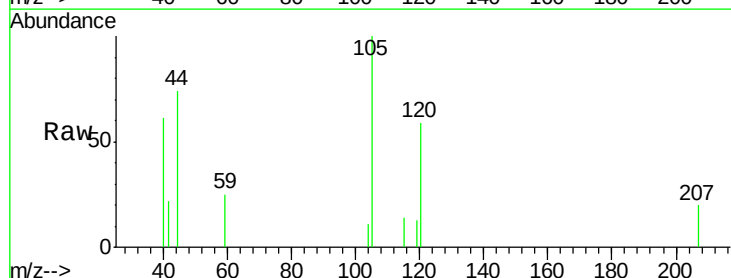
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

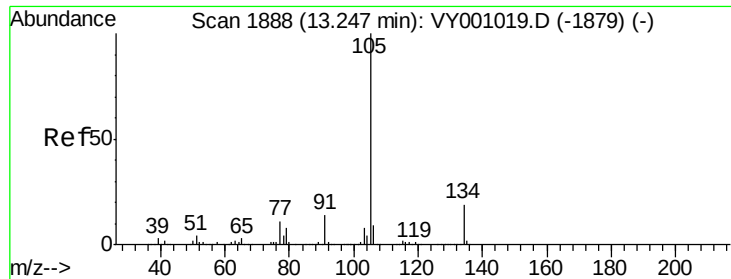
Tot Ion:119 Resp: 1177
 Ion Ratio Lower Upper
 119 100
 91 59.1 31.9 95.7
 134 13.8 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 52.823 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

Tgt Ion:105 Resp: 1000
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.4 70.2

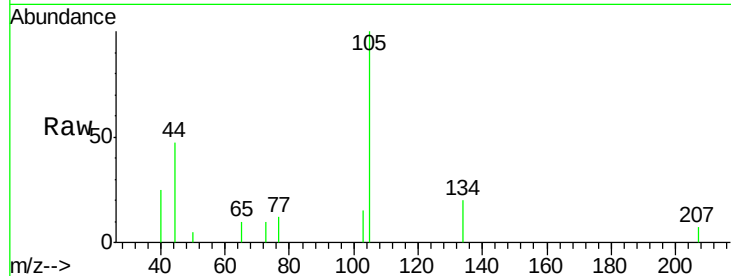




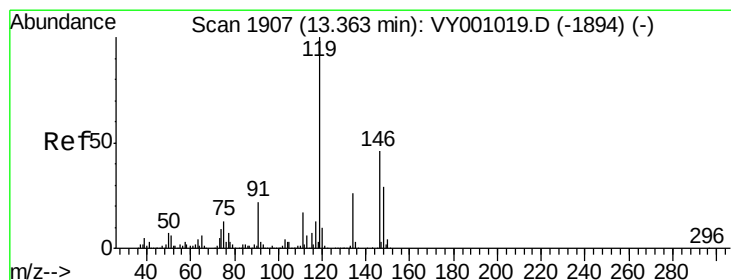
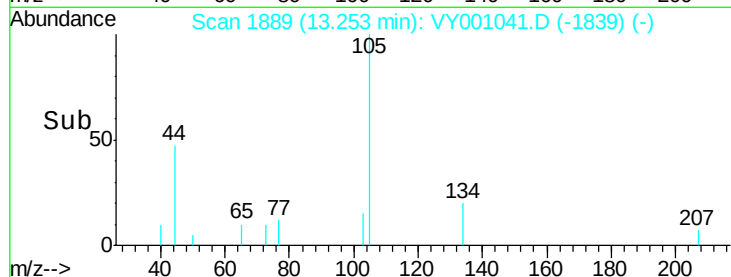
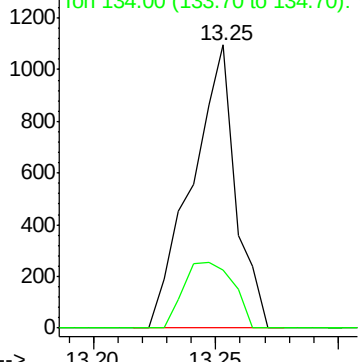
#85
 sec-Butylbenzene
 Concen: 58.892 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

Tot Ion:105 Resp: 1373
 Ion Ratio Lower Upper
 105 100
 134 26.1 10.0 30.0

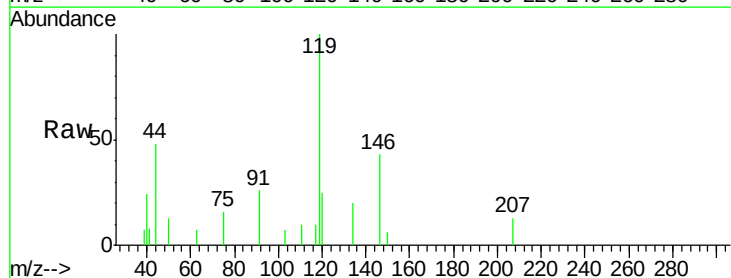


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

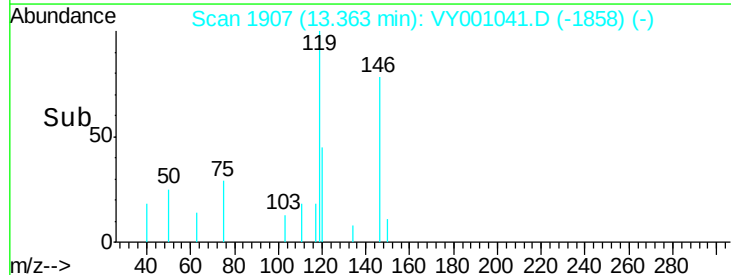
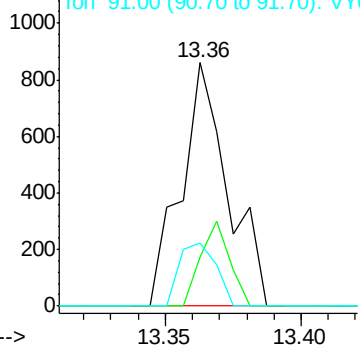


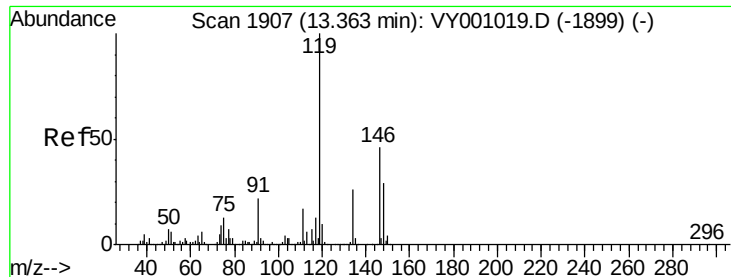
#86
 p-Isopropyltoluene
 Concen: 50.810 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

Tgt Ion:119 Resp: 1025
 Ion Ratio Lower Upper
 119 100
 134 21.5 13.6 40.7
 91 20.4 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

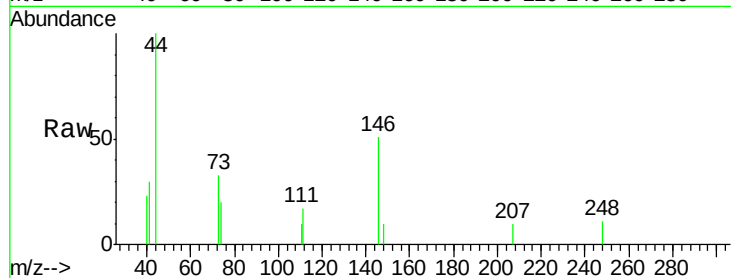




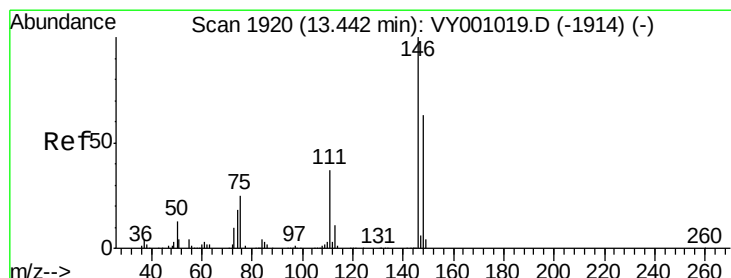
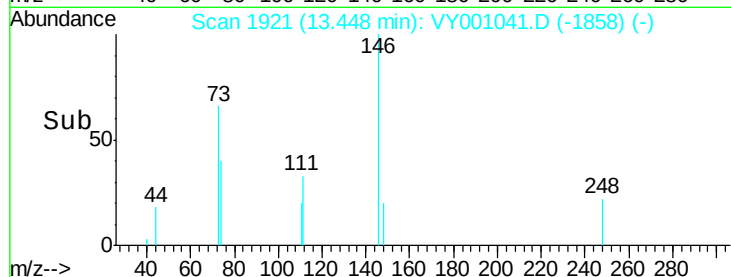
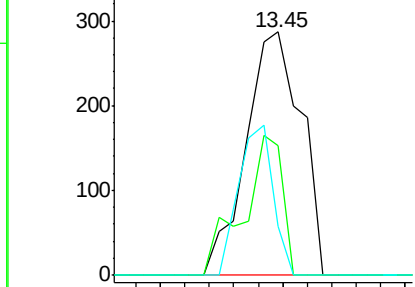
#87
 1,3-Dichlorobenzene
 Concen: 45.429 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.09 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

Tot Ion:146 Resp: 451
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.7 59.0
 148 38.4 31.9 95.5

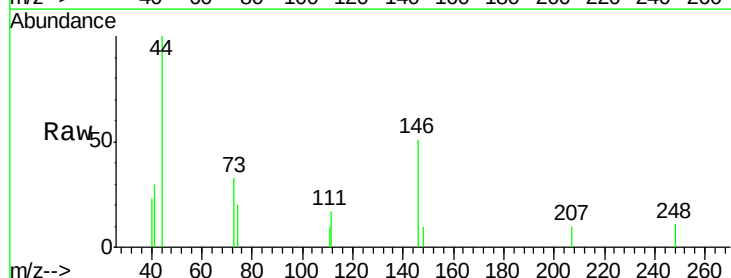


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

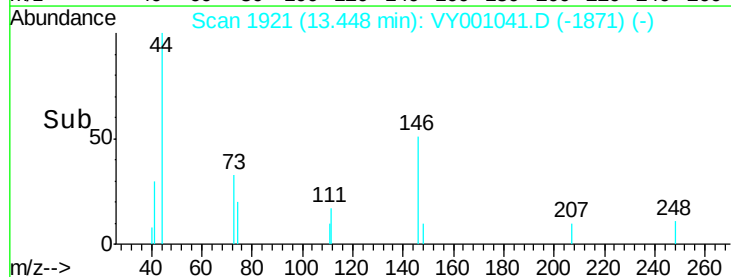
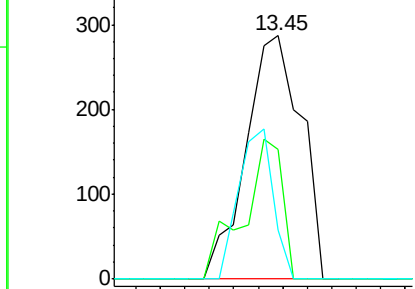


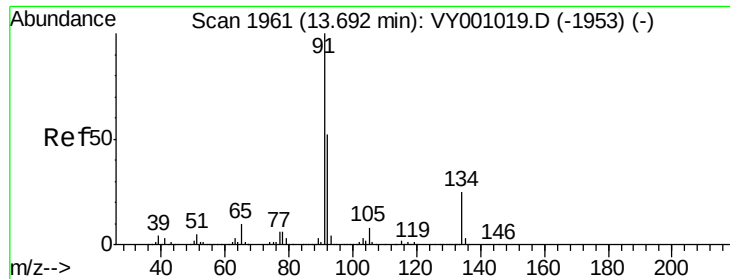
#88
 1,4-Dichlorobenzene
 Concen: 45.034 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

Tgt Ion:146 Resp: 451
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.4 58.2
 148 38.4 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: 28.576 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

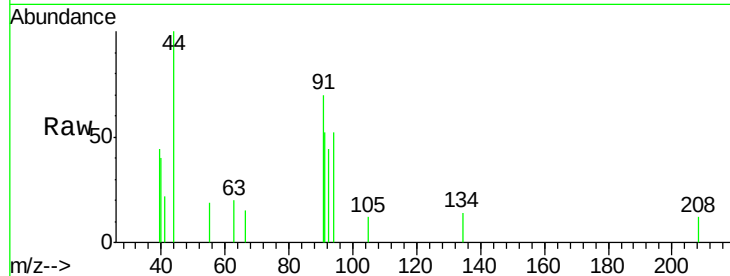
Tot Ion: 91 Resp: 580

Ion Ratio Lower Upper

91 100

92 76.7 26.9 80.7

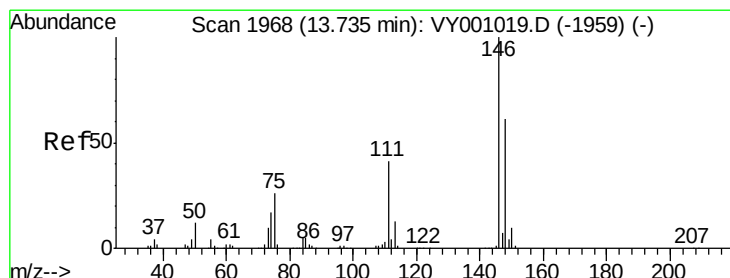
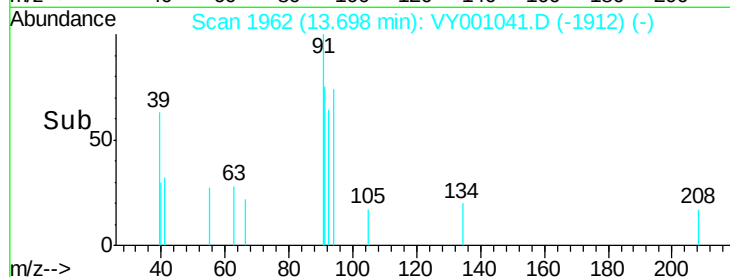
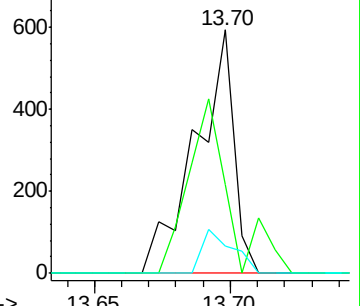
134 14.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY001019.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY001019.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY001019.D (-1953) (-)



#91

1,2-Dichlorobenzene

Concen: 57.438 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY001041.D

Acq: 24 Dec 2019 12:42

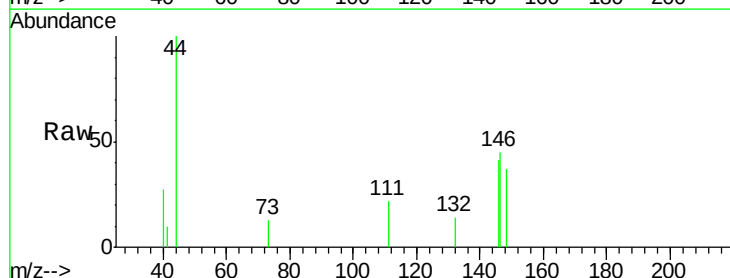
Tgt Ion: 146 Resp: 526

Ion Ratio Lower Upper

146 100

111 25.3 20.6 61.9

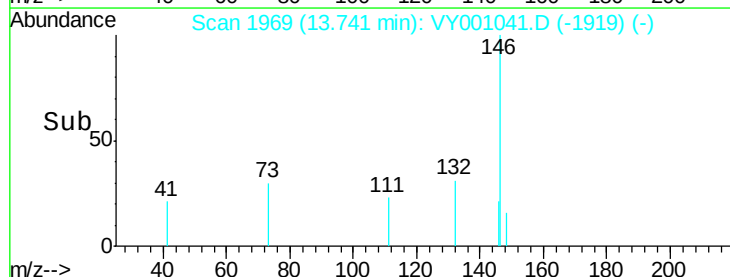
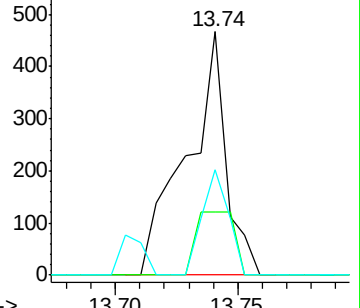
148 29.1 31.6 94.7#

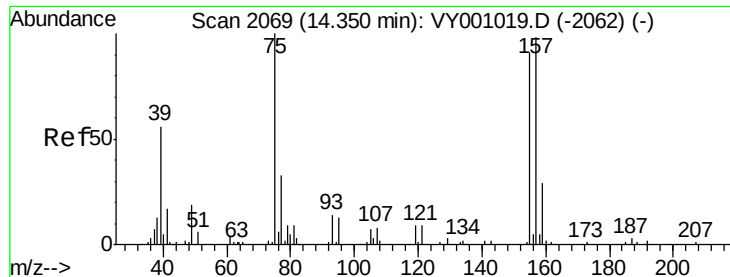


Abundance Ion 145.90 (145.60 to 146.60): VY001019.D (-1959) (-)

Ion 110.90 (110.60 to 111.60): VY001019.D (-1959) (-)

Ion 147.90 (147.60 to 148.60): VY001019.D (-1959) (-)

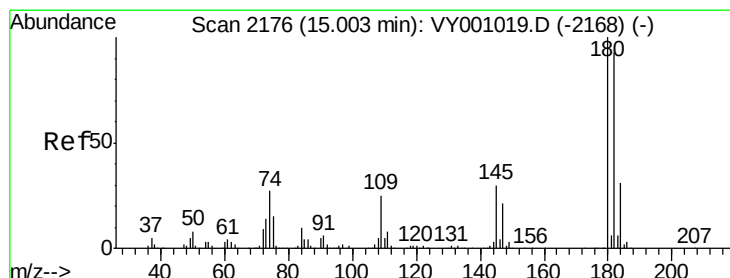
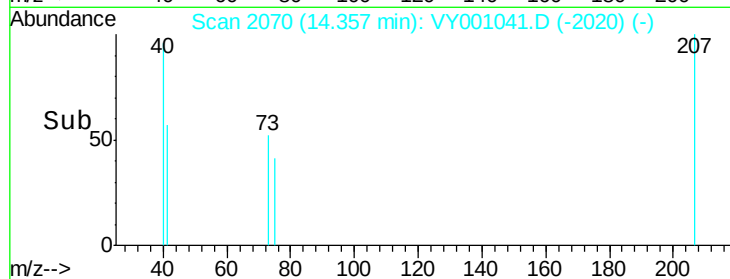
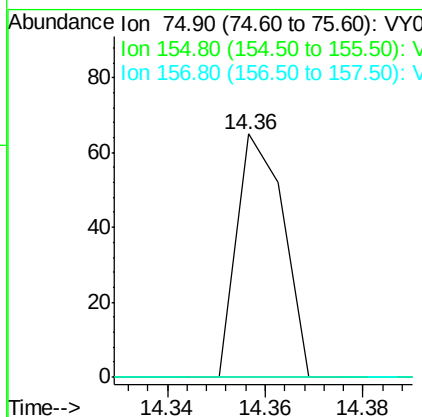
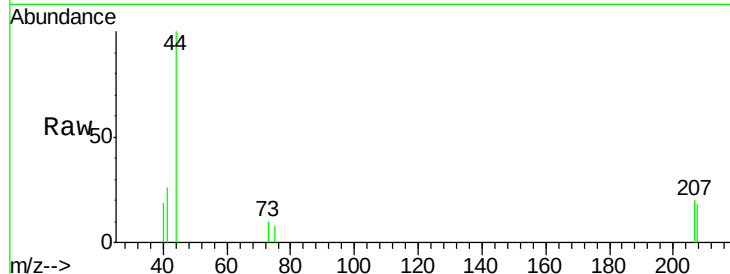




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.764 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

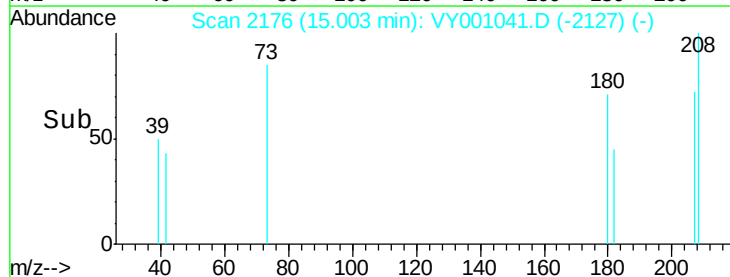
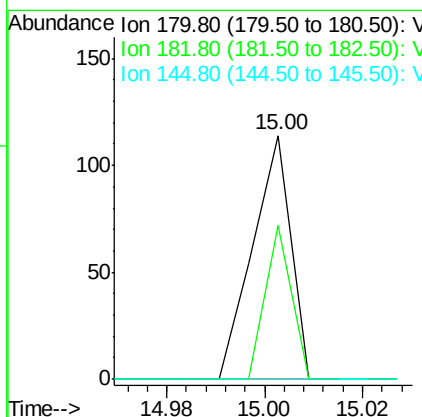
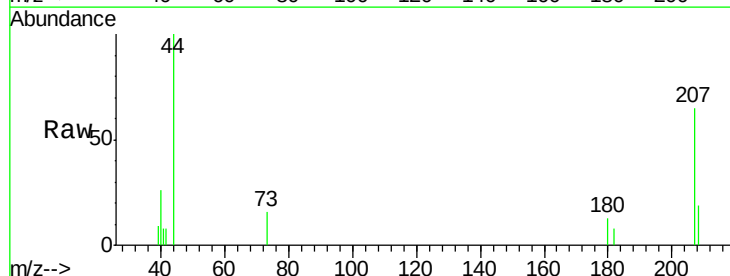
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

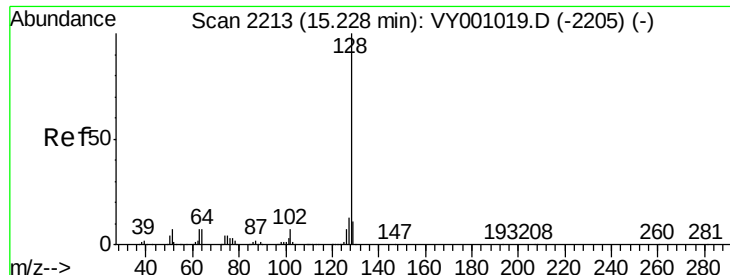
Tot Ion	Ratio	Lower	Upper
75	100		
155	0.0	46.3	138.9#
157	0.0	58.1	174.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 9.869 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001041.D
 Acq: 24 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	42.6	46.8	140.3#
145	0.0	15.3	45.9#





#95

Naphthalene

Concen: 14.240 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY001041.D

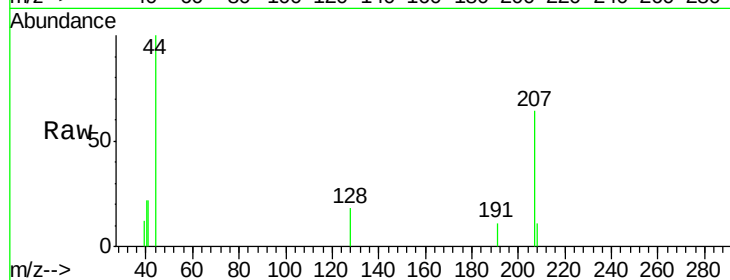
Acq: 24 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS



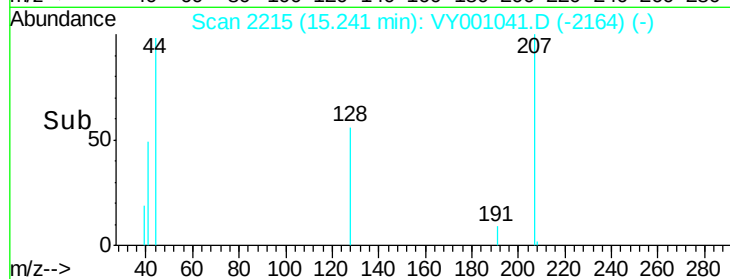
Tot Ion:128 Resp: 207

Ion Ratio Lower Upper

128 100

127 0.0 9.9 14.9#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

