

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122619\
 Data File : VY001073.D
 Acq On : 26 Dec 2019 15:36
 Operator : SY/MD
 Sample : K6431-09
 Misc : 8.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 27 02:11:11 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	132033	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.70	114	235560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	207206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	94171	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	72357	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	
35) Dibromofluoromethane	7.73	113	72687	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	10.18	98	307576	56.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.48%	
62) 4-Bromofluorobenzene	12.48	95	98605	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	51841	45.059	ug/l	97
3) Chloromethane	2.12	50	63774	40.728	ug/l	99
4) Vinyl Chloride	2.26	62	67307	44.262	ug/l	94
5) Bromomethane	2.66	94	44535	46.269	ug/l	96
6) Chloroethane	2.80	64	45065	47.581	ug/l	91
7) Trichlorofluoromethane	3.13	101	105153	47.145	ug/l	96
8) Diethyl Ether	3.54	74	45019	49.447	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	72578	49.538	ug/l	98
10) Methyl Iodide	4.10	142	86574	42.769	ug/l	99
11) Tert butyl alcohol	4.97	59	32323	225.747	ug/l #	89
12) 1,1-Dichloroethene	3.88	96	70864	47.775	ug/l	92
13) Acrolein	3.74	56	30726	173.195	ug/l	100
14) Allyl chloride	4.49	41	110986	48.165	ug/l	99
15) Acrylonitrile	5.18	53	113137	248.644	ug/l	99
16) Acetone	3.96	43	71635	238.788	ug/l	98
17) Carbon Disulfide	4.20	76	185298	38.230	ug/l	100
18) Methyl Acetate	4.49	43	110571	96.070	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	196630	51.361	ug/l	97
20) Methylene Chloride	4.73	84	85150	48.222	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	79182	48.168	ug/l	94
22) Diisopropyl ether	6.13	45	243900	52.367	ug/l	96
23) Vinyl Acetate	6.08	43	464072	157.770	ug/l	97
24) 1,1-Dichloroethane	6.04	63	139081	50.531	ug/l	97
25) 2-Butanone	7.00	43	129567	245.851	ug/l #	88
26) 2,2-Dichloropropane	6.99	77	106322	47.018	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	89448	49.528	ug/l	98
28) Bromochloromethane	7.35	49	65255	60.763	ug/l	97
29) Tetrahydrofuran	7.36	42	91845	244.999	ug/l	100
30) Chloroform	7.52	83	133268	51.205	ug/l	99
31) Cyclohexane	7.80	56	122647	42.376	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	111612	50.272	ug/l	99
36) 1,1-Dichloropropene	7.93	75	106730	47.494	ug/l	99
37) Ethyl Acetate	7.08	43	51355	41.272	ug/l	97
38) Carbon Tetrachloride	7.91	117	95141	48.322	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	129378	43.354	ug/l	95
40) Benzene	8.17	78	333885	49.249	ug/l	98
41) Methacrylonitrile	7.36	41	77812	144.237	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	81292	50.153	ug/l	100
43) Isopropyl Acetate	8.28	43	98223	42.642	ug/l	97
44) Trichloroethene	8.95	130	88704	49.659	ug/l	100
45) 1,2-Dichloropropane	9.22	63	85066	50.016	ug/l	100
46) Dibromomethane	9.31	93	44890	51.202	ug/l	99
47) Bromodichloromethane	9.50	83	102545	50.495	ug/l	98
48) Methyl methacrylate	9.30	41	52917	53.835	ug/l	96
49) 1,4-Dioxane	9.30	88	13926	1085.845	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	292995	244.045	ug/l	98
52) Toluene	10.25	92	206308	49.441	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	107508	48.778	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	130656	49.300	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	67679	51.709	ug/l	99
56) Ethyl methacrylate	10.51	69	80415	43.169	ug/l	98
57) 1,3-Dichloropropane	10.79	76	116546	50.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	166096	230.854	ug/l	100
59) 2-Hexanone	10.83	43	206287	248.320	ug/l	100
60) Dibromochloromethane	10.99	129	71983	51.487	ug/l	96
61) 1,2-Dibromoethane	11.09	107	63020	50.351	ug/l	99
64) Tetrachloroethene	10.72	164	89433	49.884	ug/l	99
65) Chlorobenzene	11.52	112	211805	49.279	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	73648	51.924	ug/l	97
67) Ethyl Benzene	11.59	91	384687	49.760	ug/l	99
68) m/p-Xylenes	11.70	106	291018	99.142	ug/l	99
69) o-Xylene	12.03	106	139236	50.420	ug/l	99
70) Styrene	12.04	104	235424	50.138	ug/l	99
71) Bromoform	12.20	173	40542	51.333	ug/l #	99
73) Isopropylbenzene	12.33	105	368289	50.538	ug/l	100
74) N-amyl acetate	12.14	43	67660	35.341	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	75630	52.681	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	98804	85.107	ug/l #	100
77) Bromobenzene	12.61	156	84537	51.579	ug/l	97
78) n-propylbenzene	12.67	91	438940	49.432	ug/l	100
79) 2-Chlorotoluene	12.75	91	236678	48.264	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	296289	49.601	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	25170	46.240	ug/l	93
82) 4-Chlorotoluene	12.85	91	261719	51.384	ug/l	96
83) tert-Butylbenzene	13.07	119	254221	50.699	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	297794	49.611	ug/l	99
85) sec-Butylbenzene	13.25	105	362433	49.029	ug/l	100
86) p-Isopropyltoluene	13.36	119	316014	49.405	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	155345	49.351	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	153551	48.356	ug/l	100
89) n-Butylbenzene	13.69	91	311820	48.453	ug/l	99
90) Hexachloroethane	13.95	117	57950	48.087	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	146950	50.609	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10976	45.697	ug/l	98

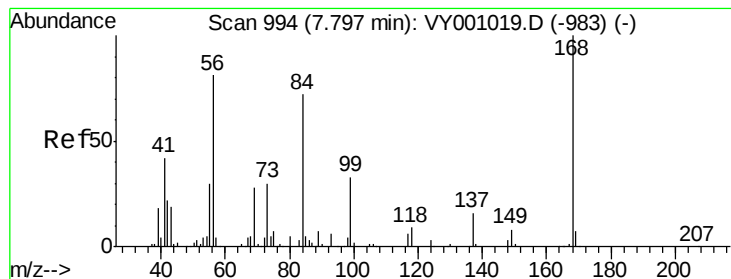
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	90582	46.217	ug/l	99
94) Hexachlorobutadiene	15.11	225	45140	48.399	ug/l	99
95) Naphthalene	15.23	128	256269	55.600	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	82748	47.343	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

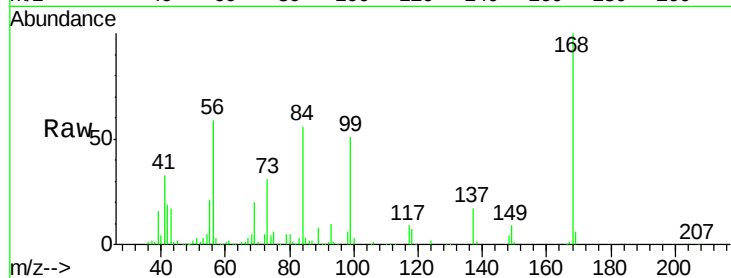
SB-2-(4-5)MS

Tgt Ion:168 Resp: 132033

Ion Ratio Lower Upper

168 100

99 50.8 44.0 66.0



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

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

7.81

60000

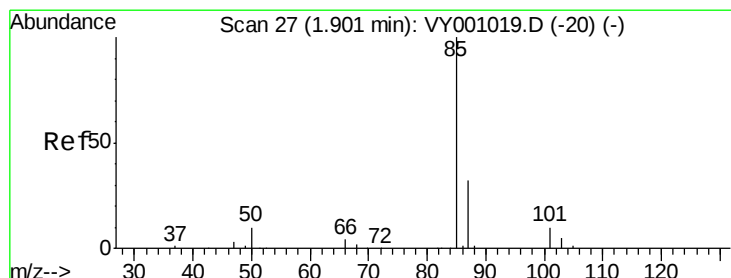
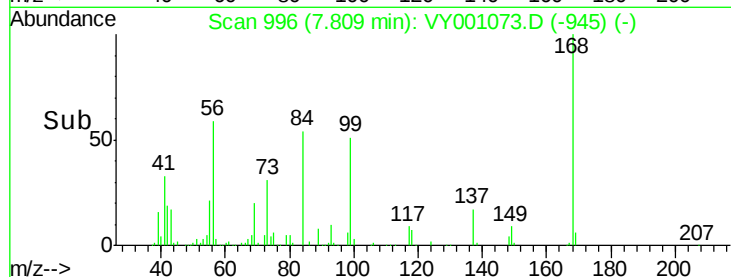
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.059 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001073.D

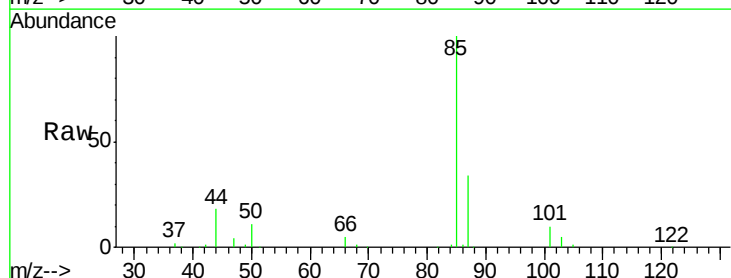
Acq: 26 Dec 2019 15:36

Tgt Ion: 85 Resp: 51841

Ion Ratio Lower Upper

85 100

87 33.7 15.9 47.7



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

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

1.90

30000

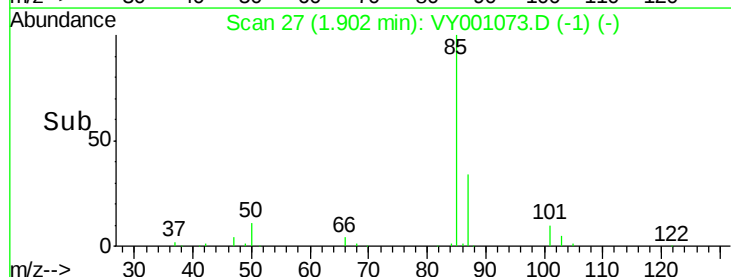
20000

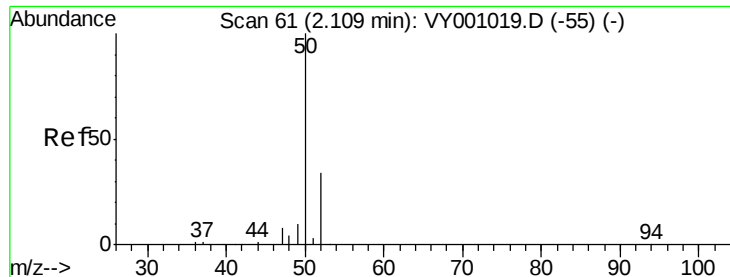
10000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 40.728 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

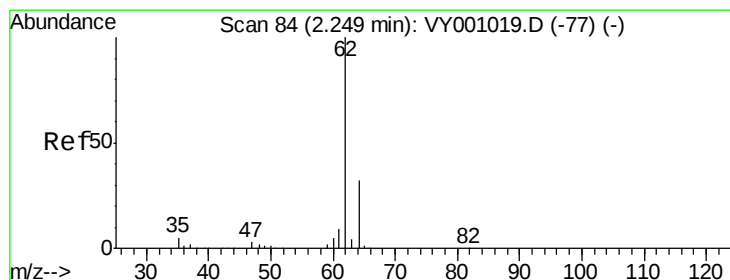
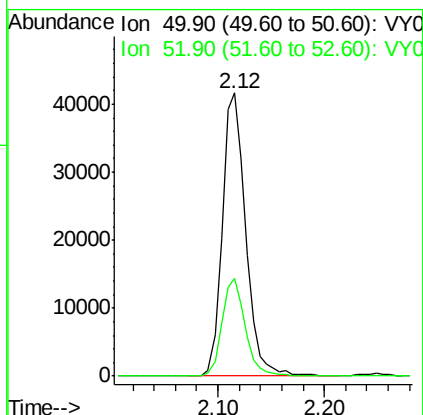
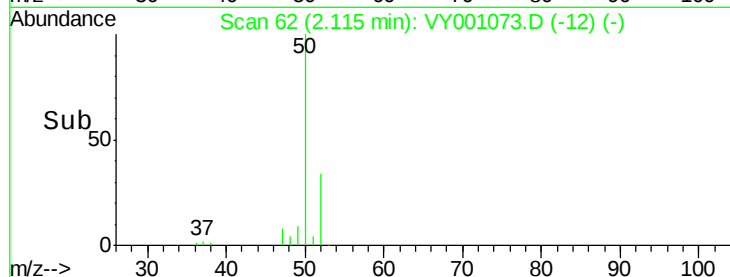
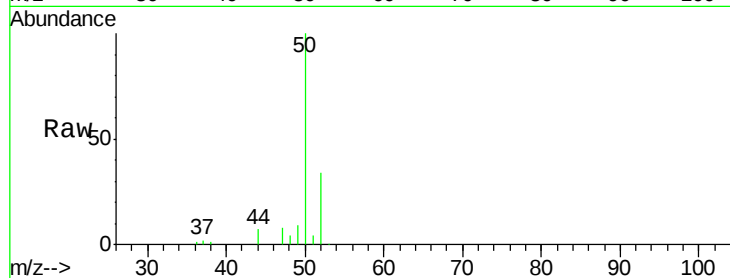
SB-2-(4-5)MS

Tgt Ion: 50 Resp: 63774

Ion Ratio Lower Upper

50 100

52 34.5 27.1 40.7



#4

Vinyl Chloride

Concen: 44.262 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001073.D

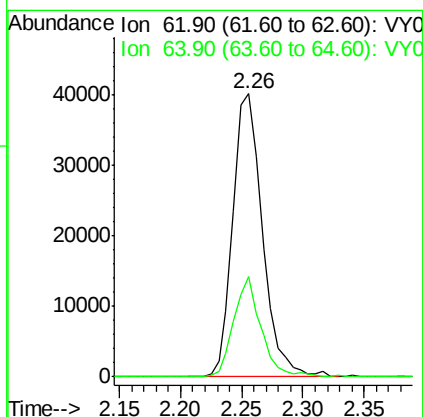
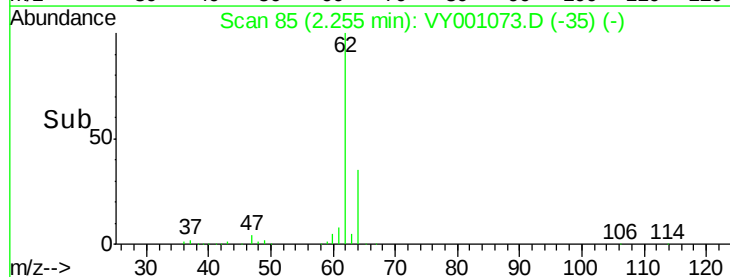
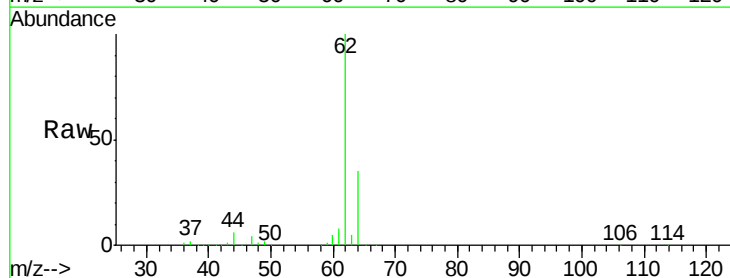
Acq: 26 Dec 2019 15:36

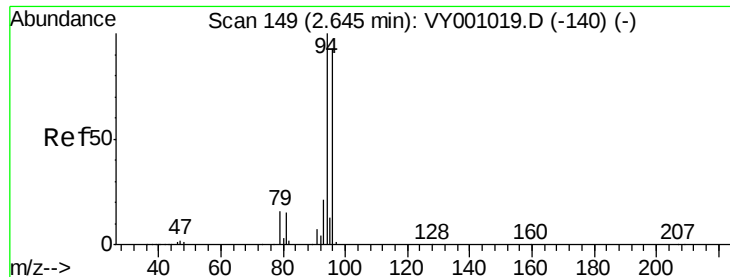
Tgt Ion: 62 Resp: 67307

Ion Ratio Lower Upper

62 100

64 35.5 25.6 38.4





#5

Bromomethane

Concen: 46.269 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

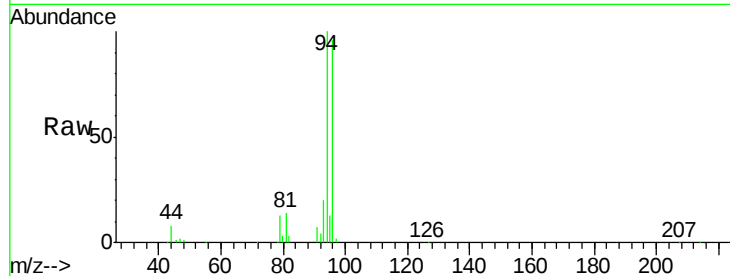
SB-2-(4-5)MS

Tgt Ion: 94 Resp: 44535

Ion Ratio Lower Upper

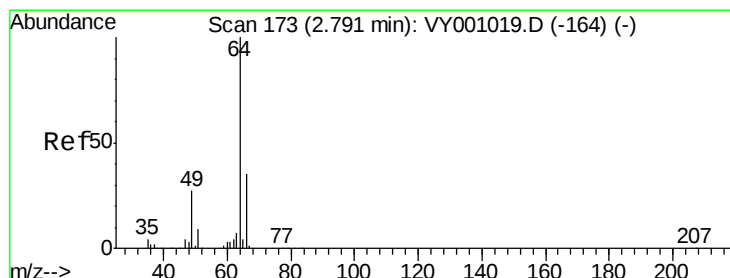
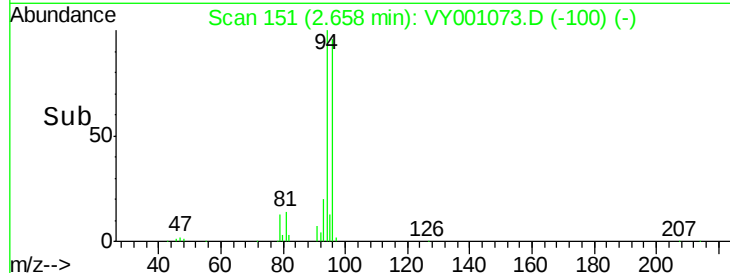
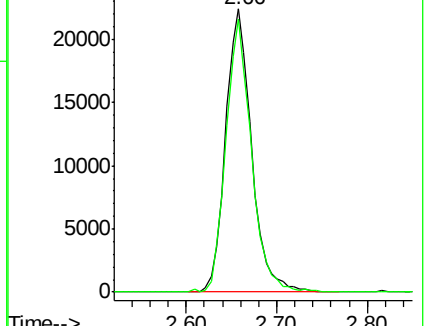
94 100

96 96.4 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.581 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY001073.D

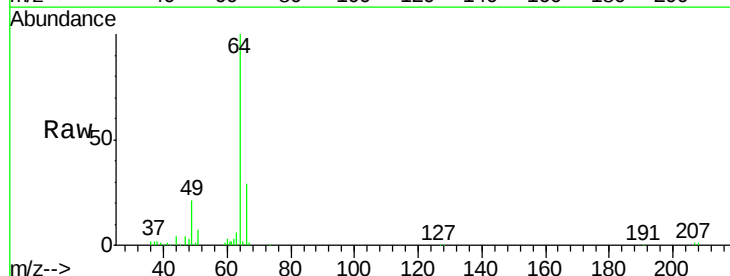
Acq: 26 Dec 2019 15:36

Tgt Ion: 64 Resp: 45065

Ion Ratio Lower Upper

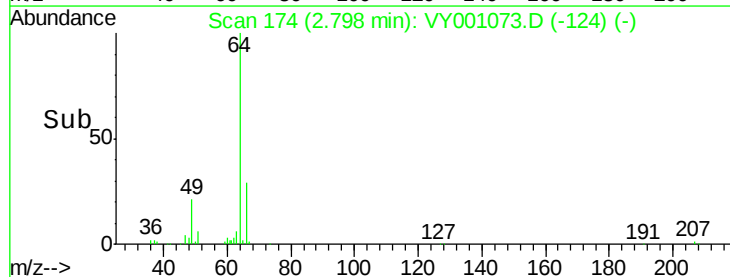
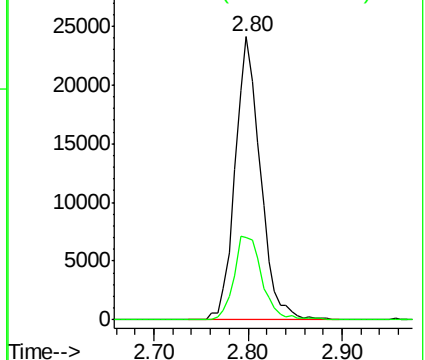
64 100

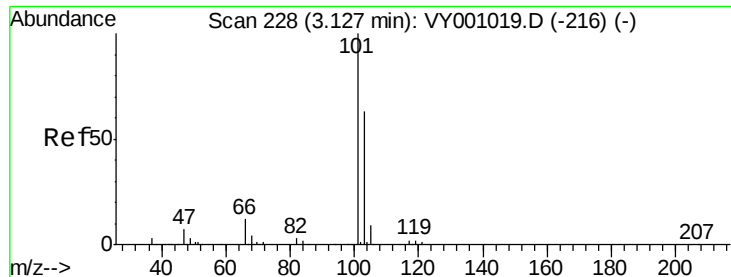
66 29.3 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



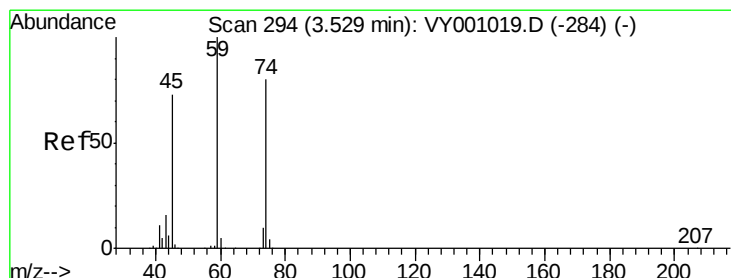
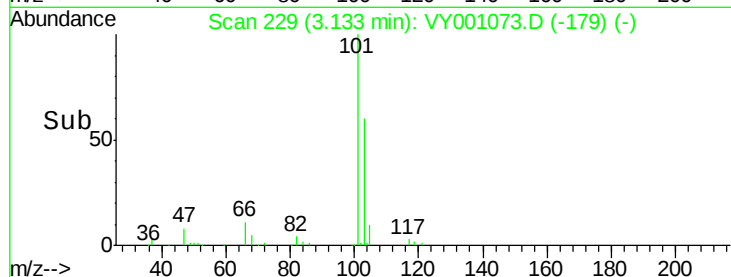
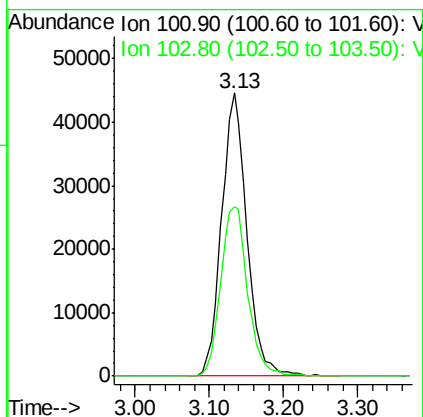
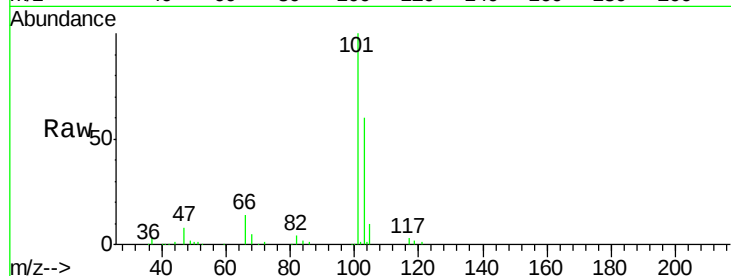


#7

Trichlorofluoromethane
 Concen: 47.145 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

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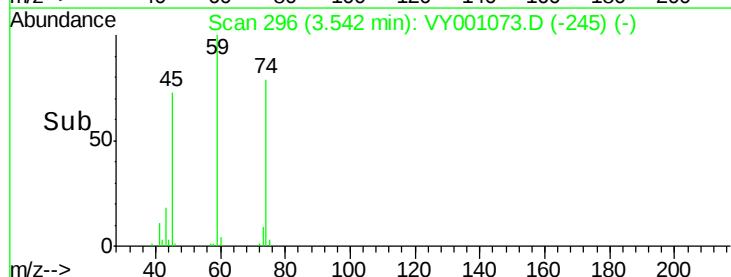
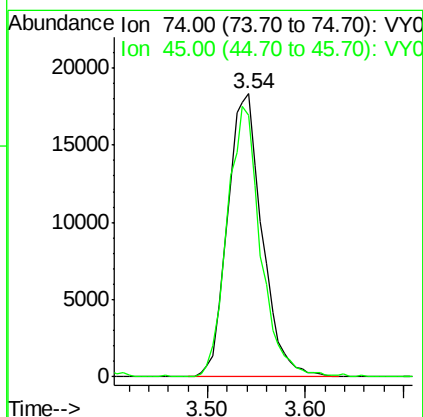
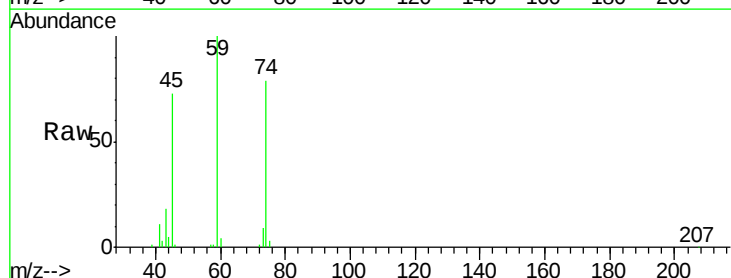
Tgt Ion: 101 Resp: 105153
 Ion Ratio Lower Upper
 101 100
 103 59.7 50.2 75.2

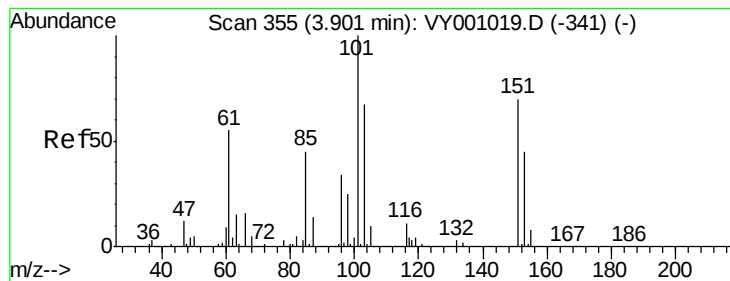


#8

Diethyl Ether
 Concen: 49.447 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.01 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion: 74 Resp: 45019
 Ion Ratio Lower Upper
 74 100
 45 92.6 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.538 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

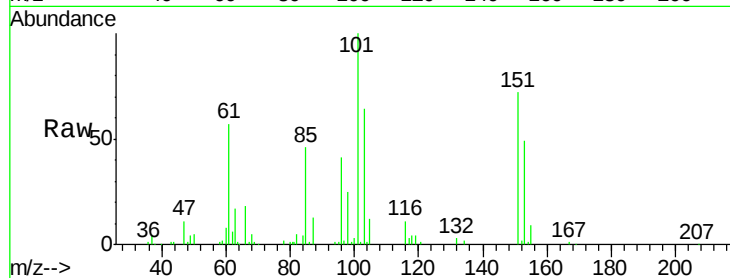
Tgt Ion:101 Resp: 72578

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.2

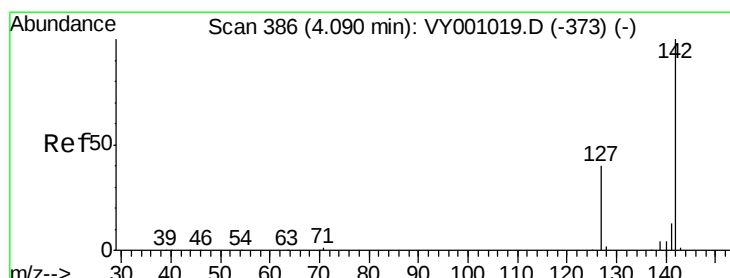
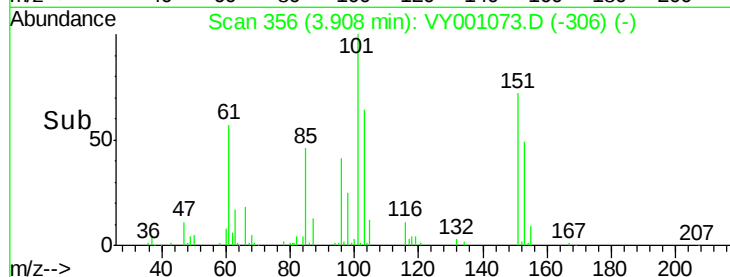
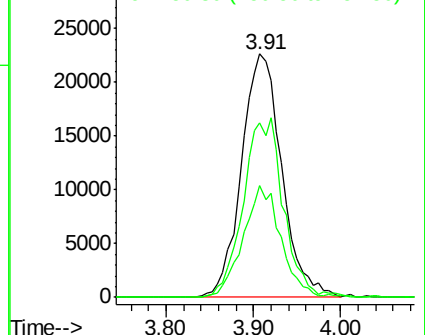
151 73.4 57.0 85.6



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: 42.769 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

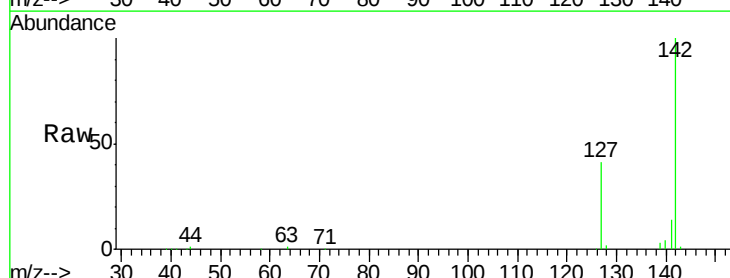
Tgt Ion:142 Resp: 86574

Ion Ratio Lower Upper

142 100

127 39.6 31.2 46.8

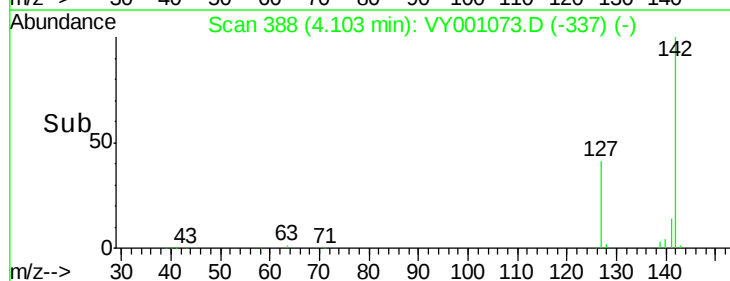
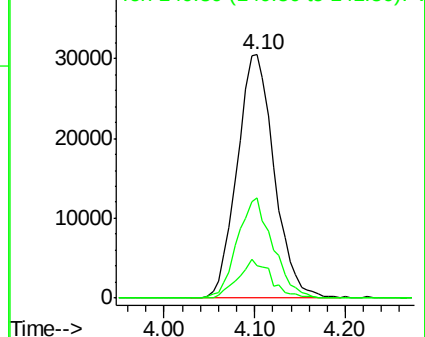
141 14.4 11.0 16.4

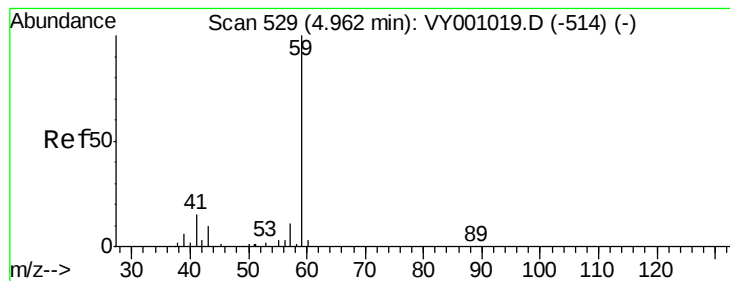


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



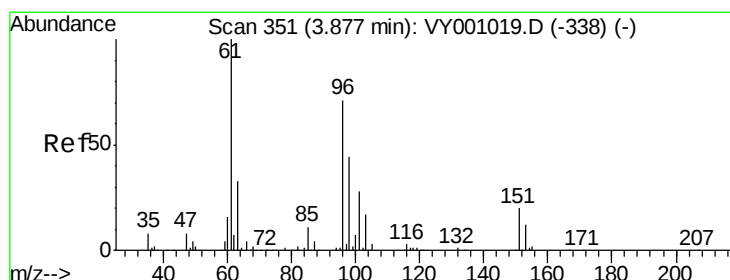
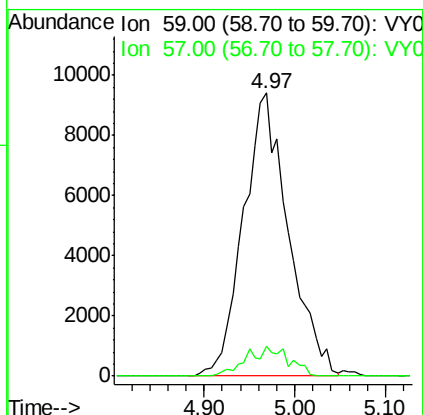
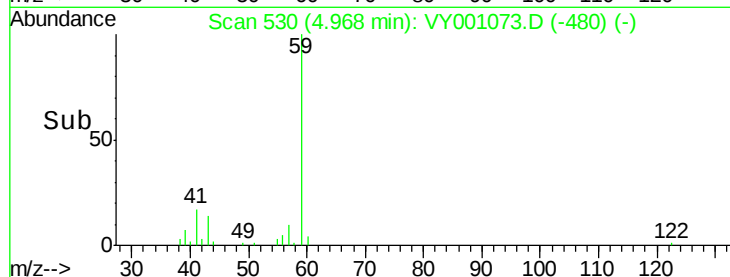
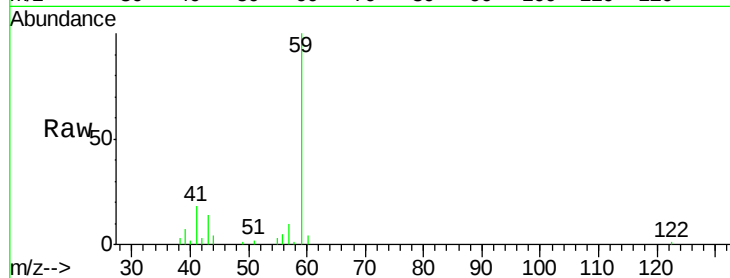


#11

Tert butyl alcohol
 Concen: 225.747 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

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

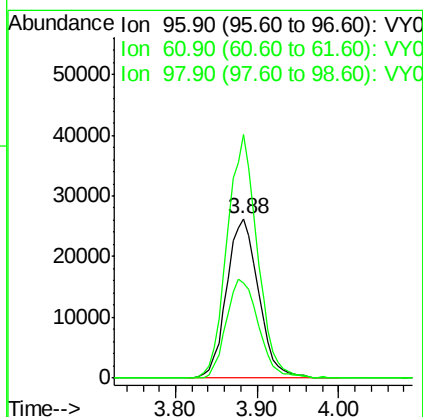
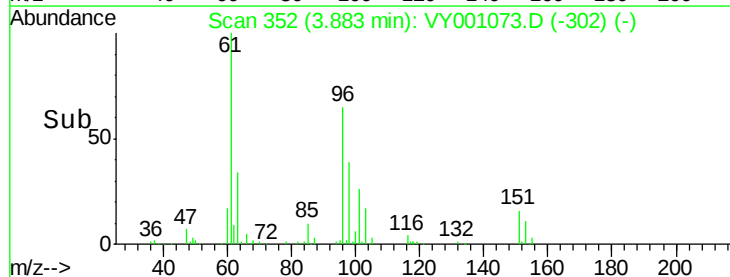
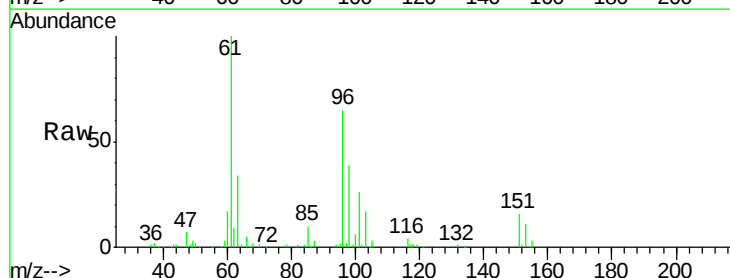
Tgt Ion: 59 Resp: 32323
 Ion Ratio Lower Upper
 59 100
 57 5.7 7.8 11.6#

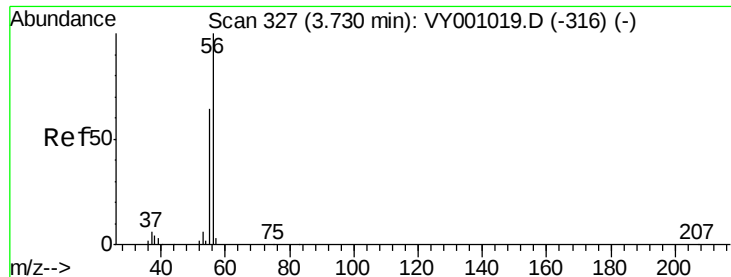


#12

1,1-Dichloroethene
 Concen: 47.775 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion: 96 Resp: 70864
 Ion Ratio Lower Upper
 96 100
 61 152.8 113.0 169.4
 98 59.5 49.8 74.8





#13

Acrolein

Concen: 173.195 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

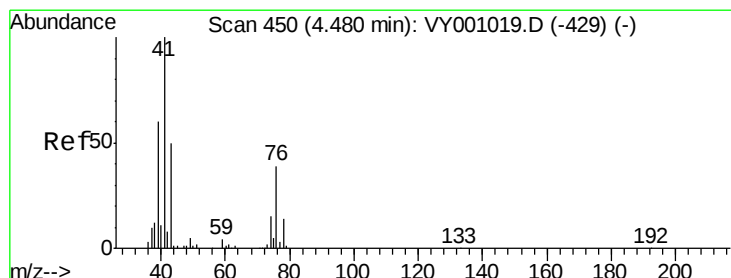
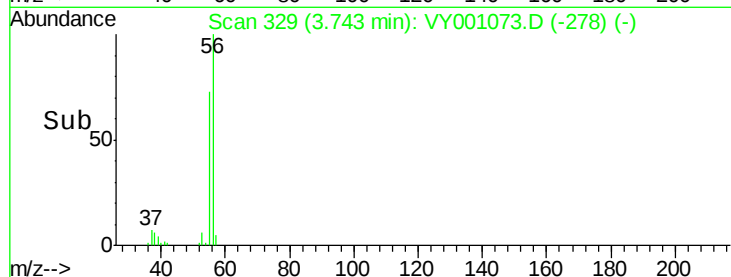
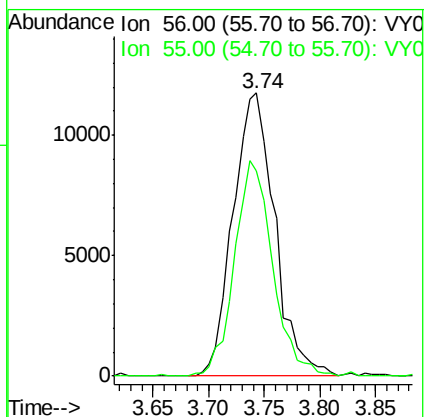
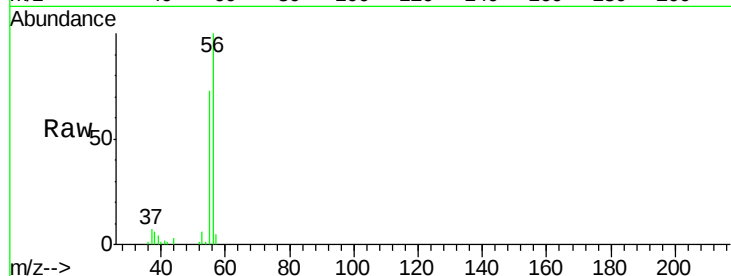
SB-2-(4-5)MS

Tgt Ion: 56 Resp: 30726

Ion Ratio Lower Upper

56 100

55 69.5 55.6 83.4



#14

Allyl chloride

Concen: 48.165 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

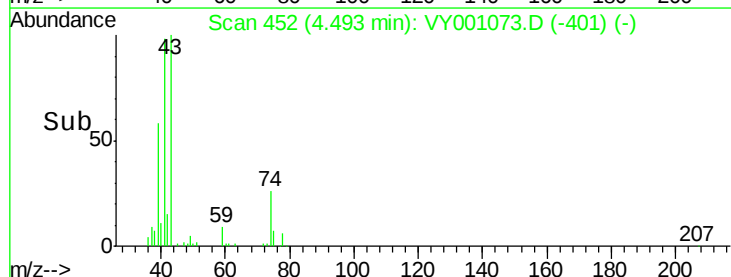
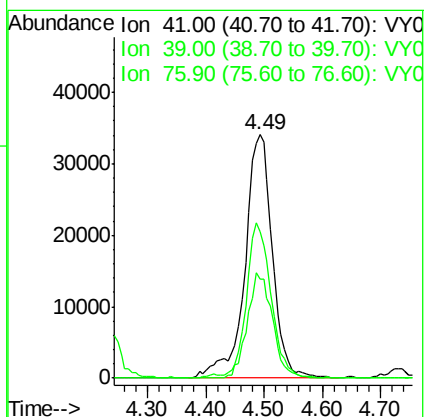
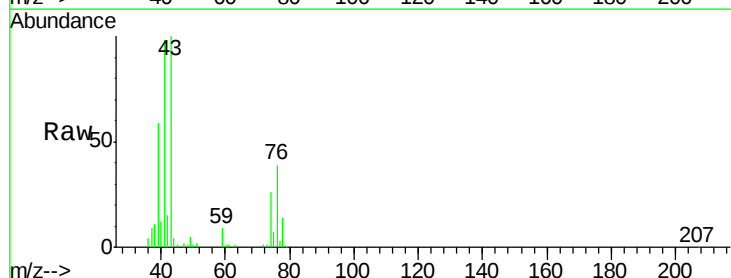
Tgt Ion: 41 Resp: 110986

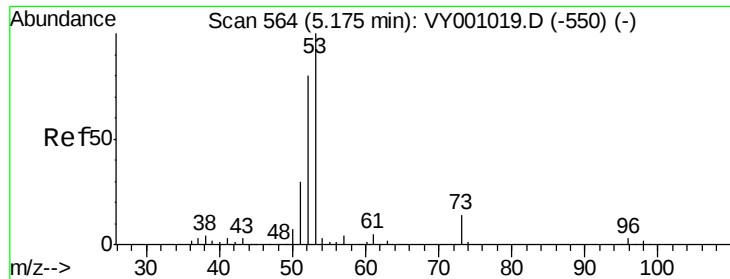
Ion Ratio Lower Upper

41 100

39 57.2 46.0 69.0

76 39.4 32.6 48.8





#15

Acrylonitrile

Concen: 248.644 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

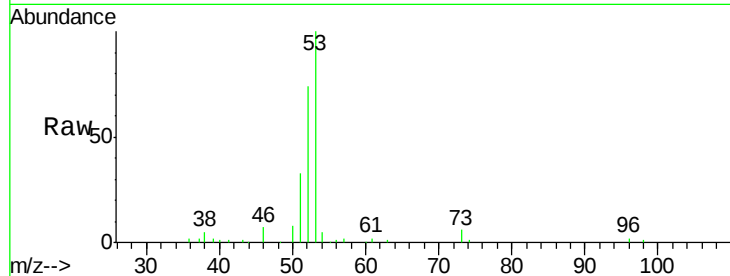
Tgt Ion: 53 Resp: 113137

Ion Ratio Lower Upper

53 100

52 79.6 63.6 95.4

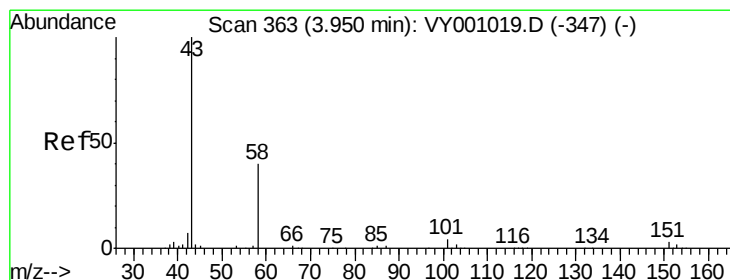
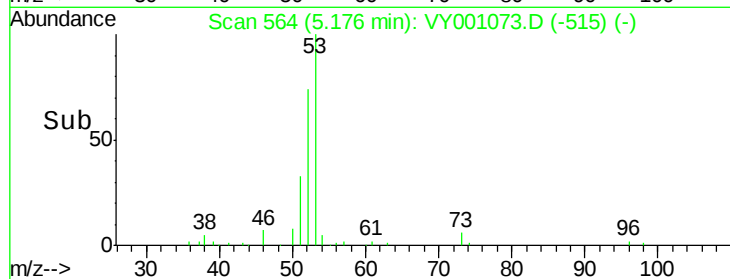
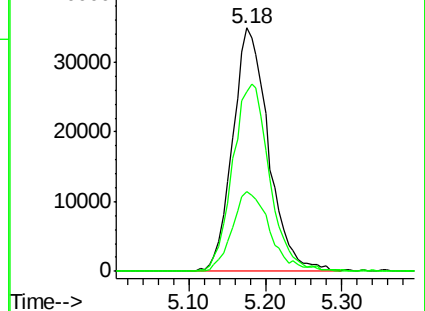
51 34.7 26.7 40.1



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

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

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



#16

Acetone

Concen: 238.788 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001073.D

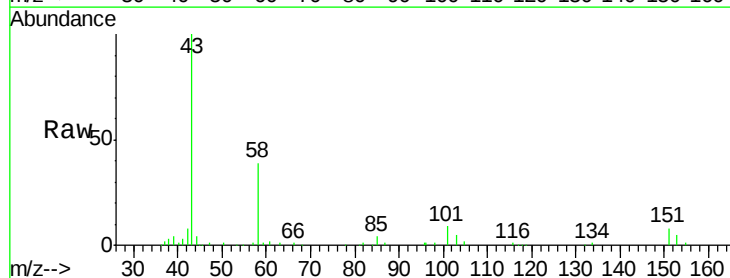
Acq: 26 Dec 2019 15:36

Tgt Ion: 43 Resp: 71635

Ion Ratio Lower Upper

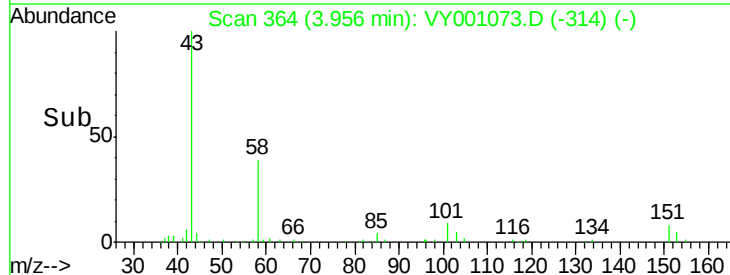
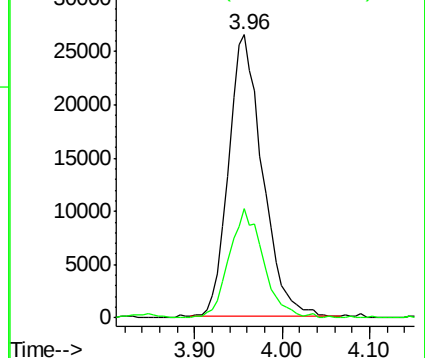
43 100

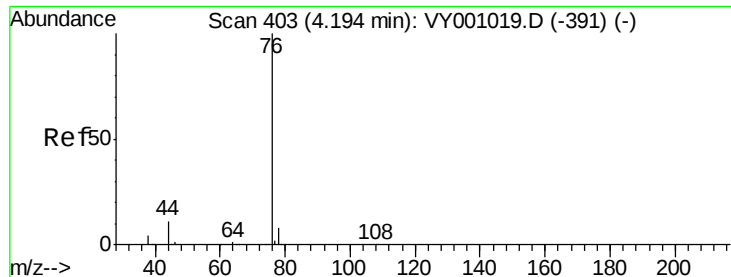
58 38.7 32.1 48.1



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

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

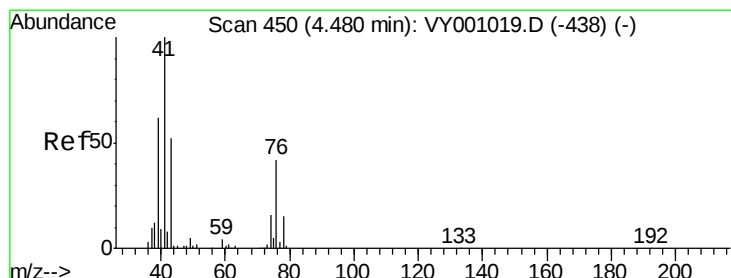
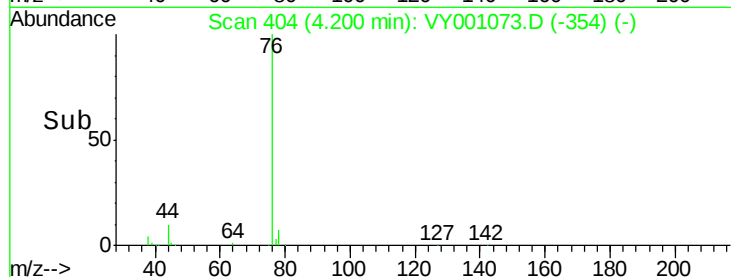
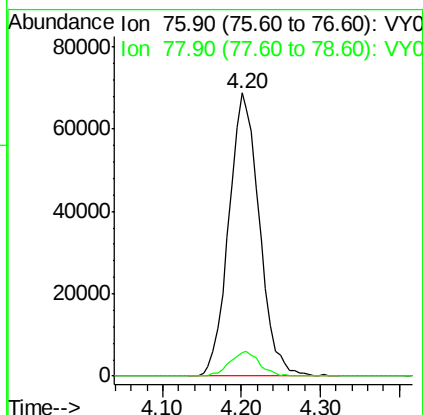
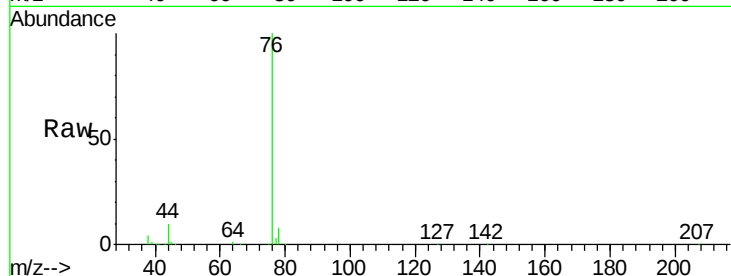




#17
Carbon Disulfide
Concen: 38.230 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

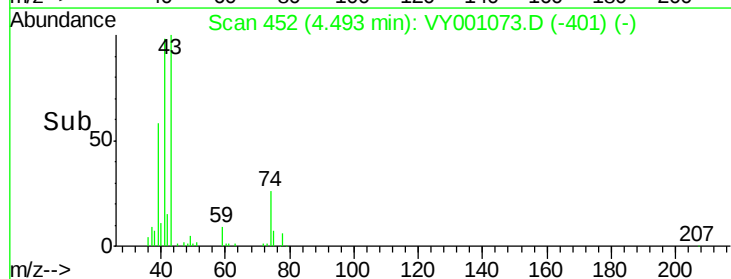
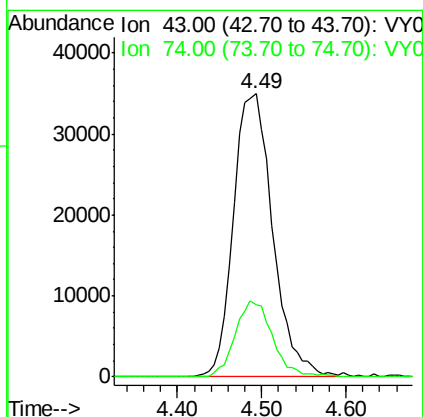
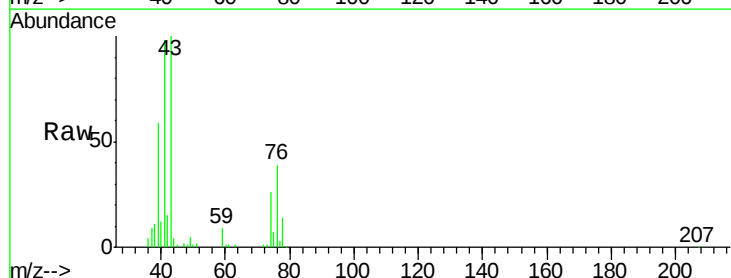
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

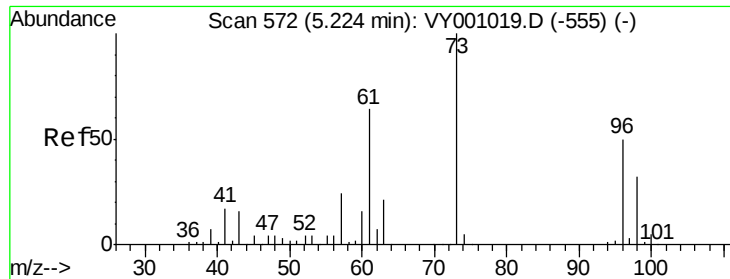
Tgt Ion: 76 Resp: 185298
Ion Ratio Lower Upper
76 100
78 8.3 6.7 10.1



#18
Methyl Acetate
Concen: 96.070 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion: 43 Resp: 110571
Ion Ratio Lower Upper
43 100
74 25.4 20.7 31.1

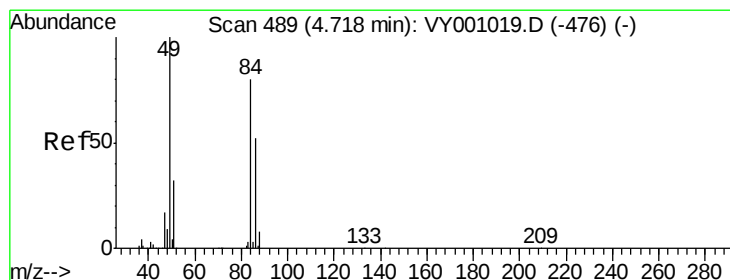
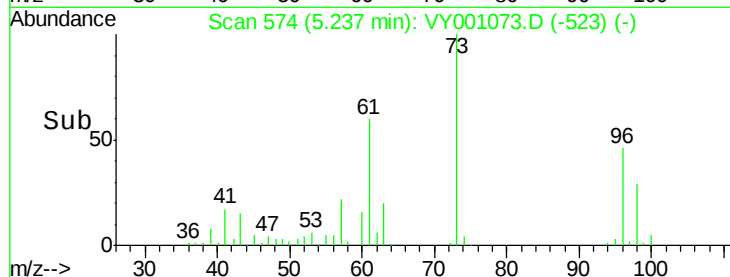
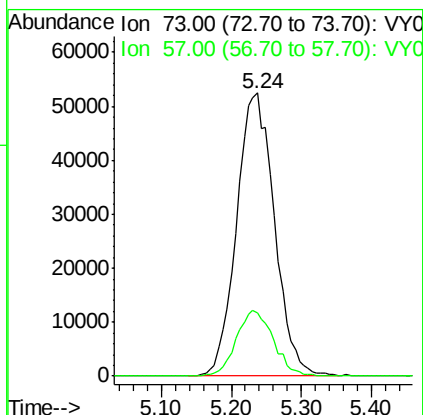
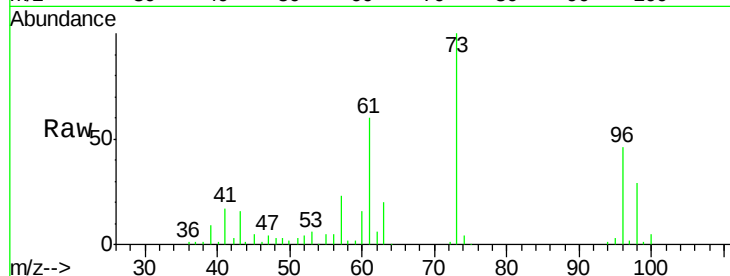




#19
Methyl tert-butyl Ether
Concen: 51.361 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

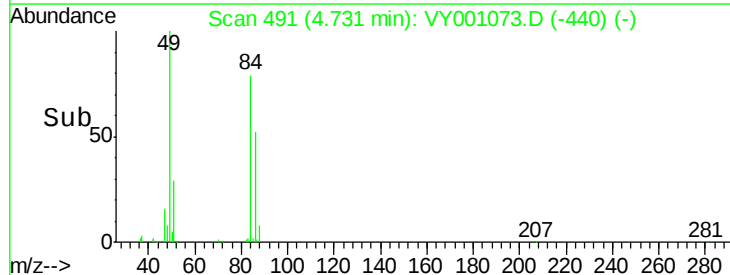
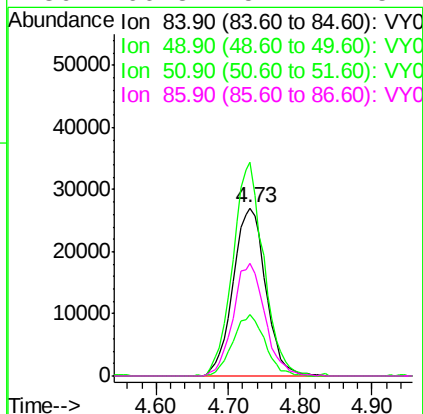
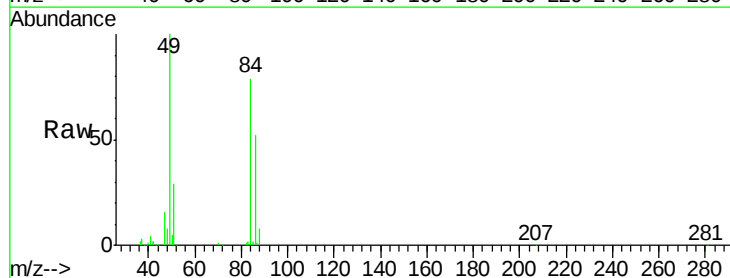
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

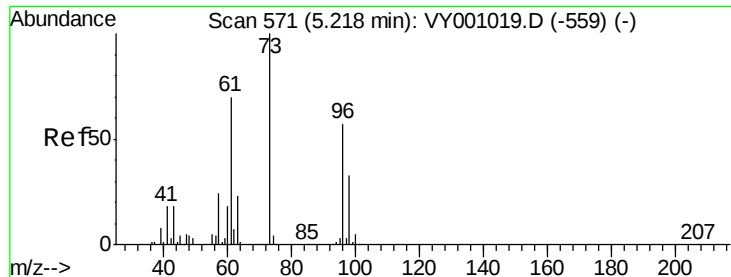
Tgt Ion: 73 Resp: 196630
Ion Ratio Lower Upper
73 100
57 22.5 19.0 28.6



#20
Methylene Chloride
Concen: 48.222 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion: 84 Resp: 85150
Ion Ratio Lower Upper
84 100
49 127.3 99.8 149.6
51 36.9 31.4 47.2
86 66.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 48.168 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

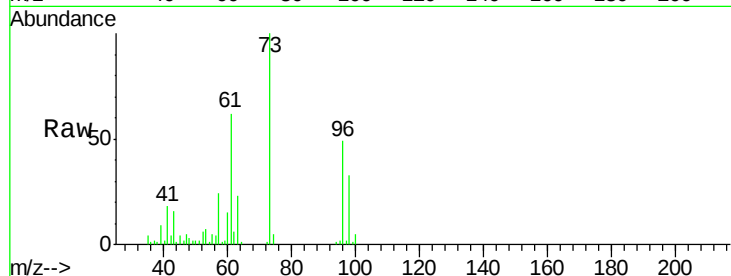
Tgt Ion: 96 Resp: 79182

Ion Ratio Lower Upper

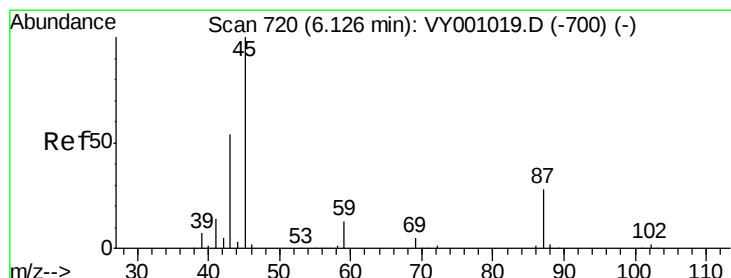
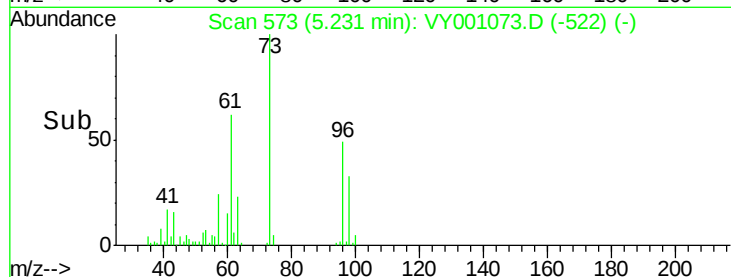
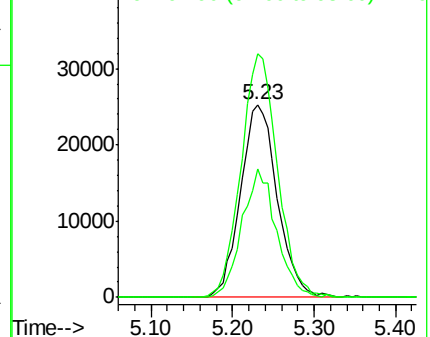
96 100

61 126.3 98.1 147.1

98 66.8 47.2 70.8



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



#22

Diisopropyl ether

Concen: 52.367 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Tgt Ion: 45 Resp: 243900

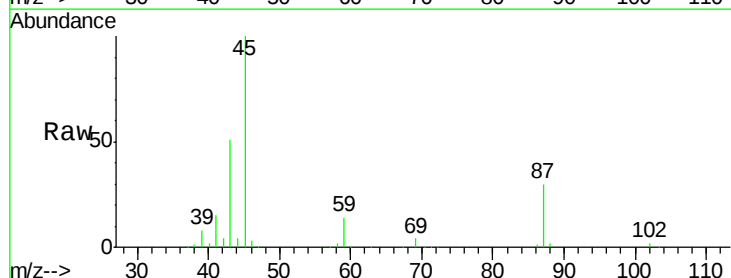
Ion Ratio Lower Upper

45 100

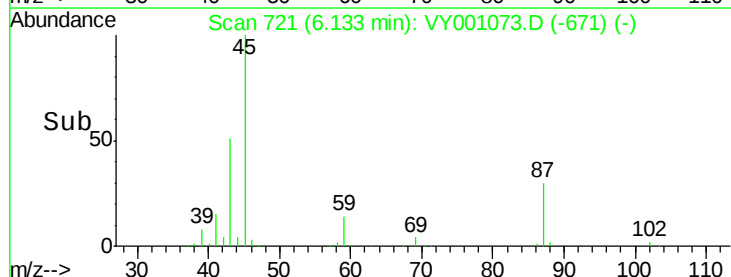
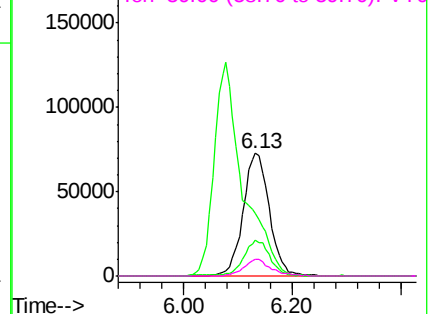
43 50.1 43.6 65.4

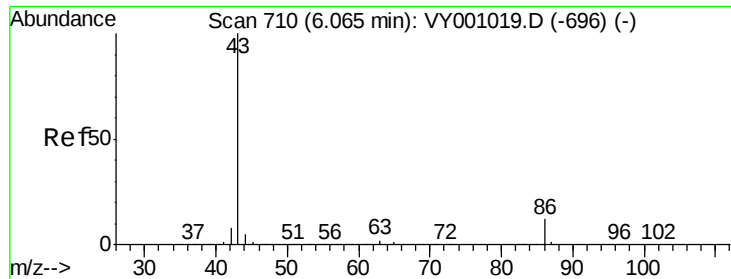
87 29.7 23.1 34.7

59 14.0 10.2 15.4



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 157.770 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

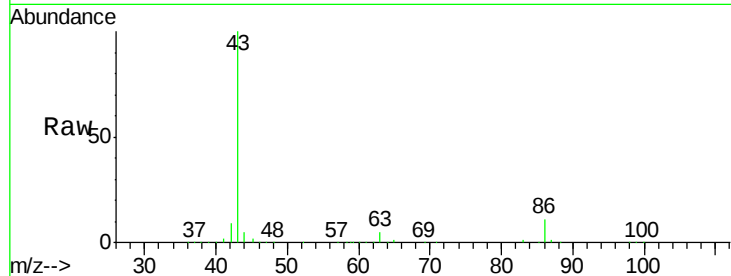
SB-2-(4-5)MS

Tgt Ion: 43 Resp: 464072

Ion Ratio Lower Upper

43 100

86 10.8 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

150000

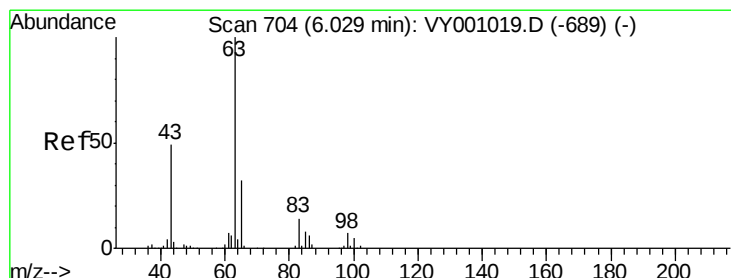
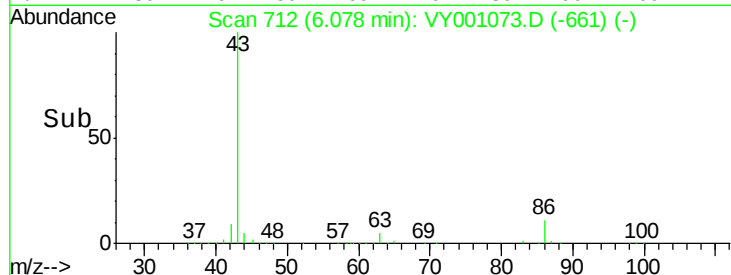
100000

50000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 50.531 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

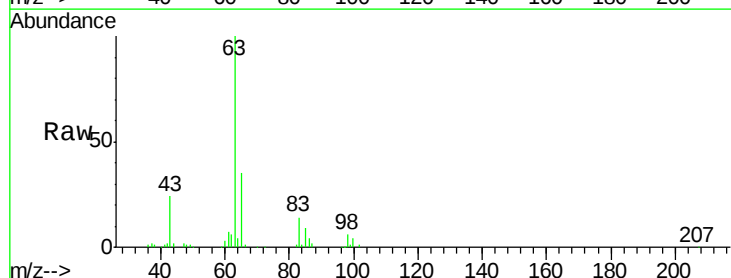
Tgt Ion: 63 Resp: 139081

Ion Ratio Lower Upper

63 100

98 6.5 3.8 11.2

100 4.3 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

6.04

60000

50000

40000

30000

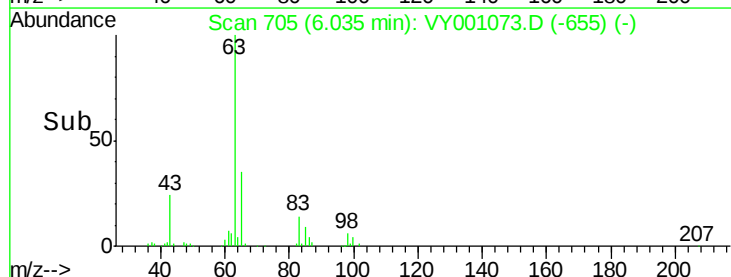
20000

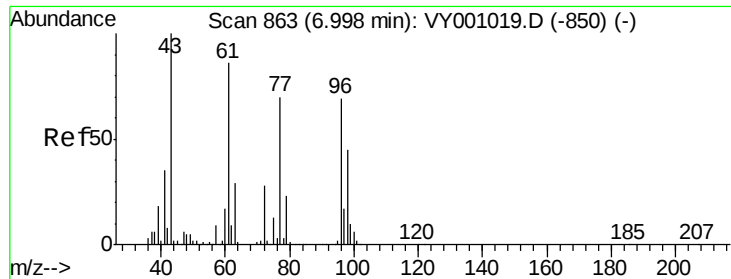
10000

0

Time-->

5.90 6.00 6.10





#25

2-Butanone

Concen: 245.851 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

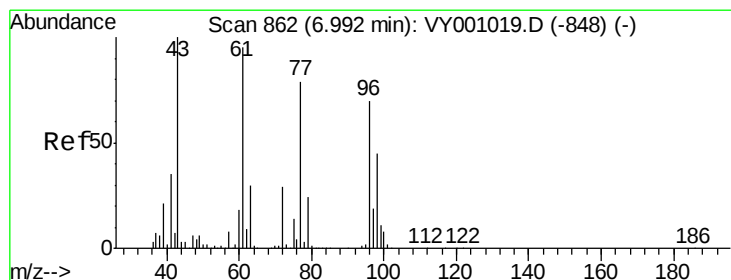
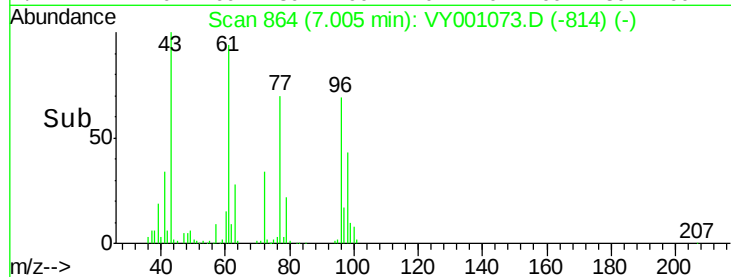
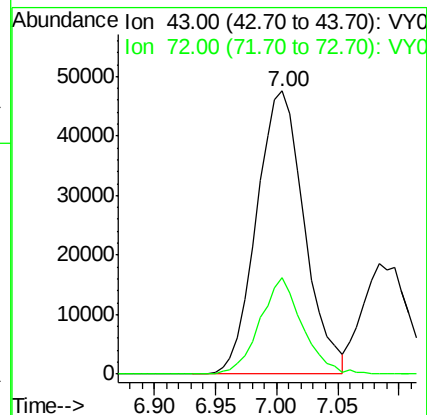
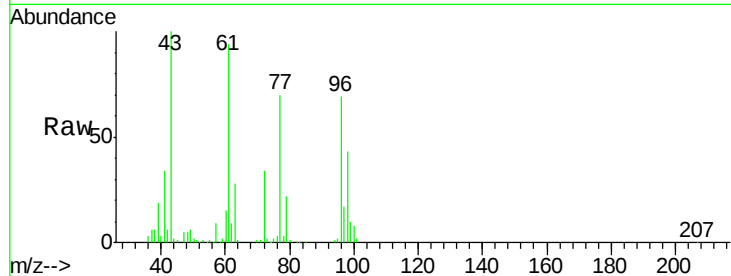
SB-2-(4-5)MS

Tgt Ion: 43 Resp: 129567

Ion Ratio Lower Upper

43 100

72 34.1 22.4 33.6#



#26

2,2-Dichloropropane

Concen: 47.018 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001073.D

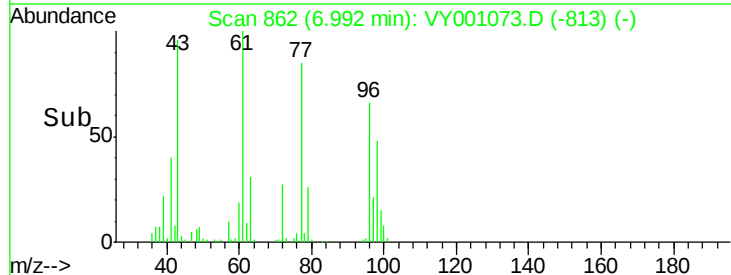
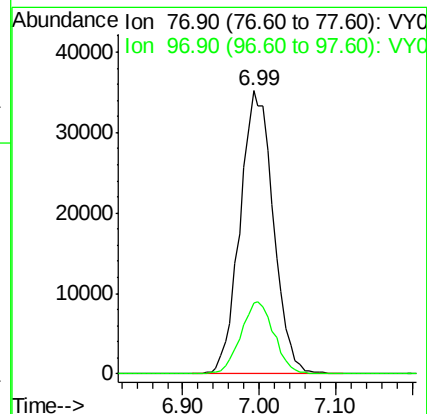
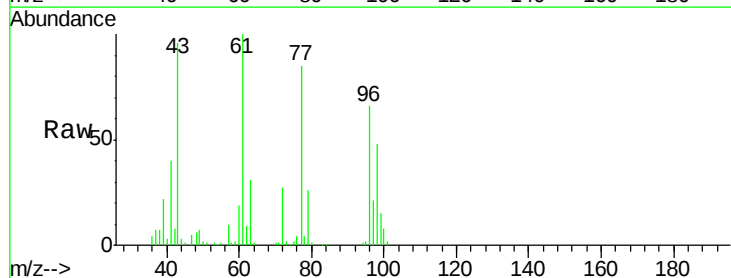
Acq: 26 Dec 2019 15:36

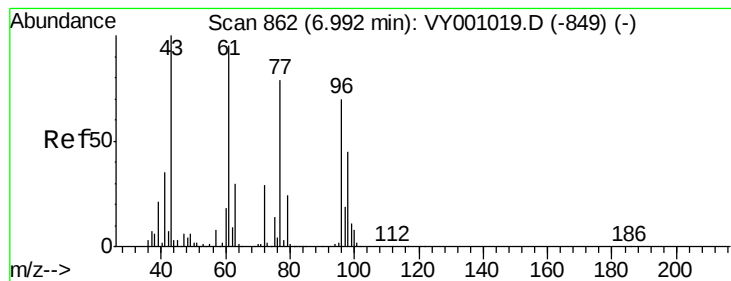
Tgt Ion: 77 Resp: 106322

Ion Ratio Lower Upper

77 100

97 25.3 12.0 36.1



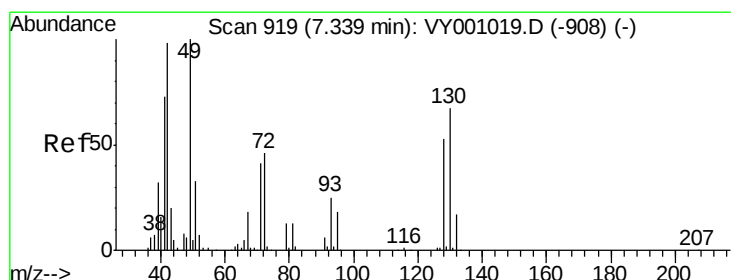
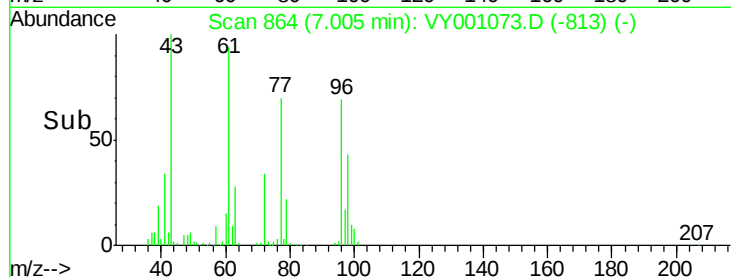
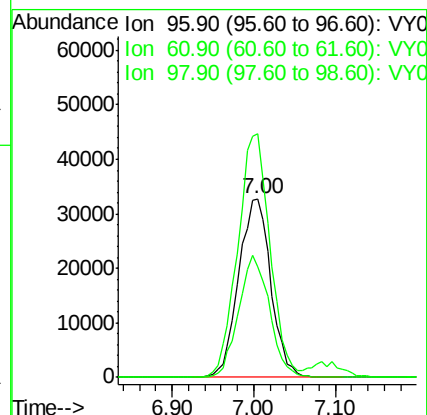
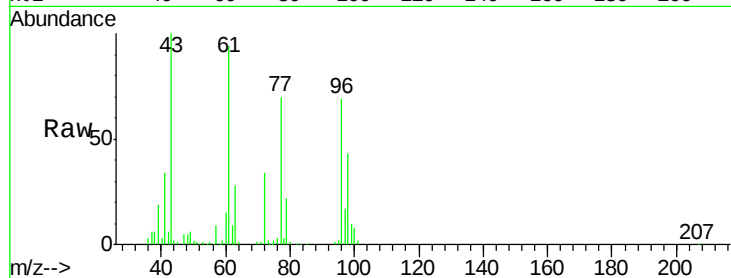


#27

cis-1,2-Dichloroethene
 Concen: 49.528 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

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

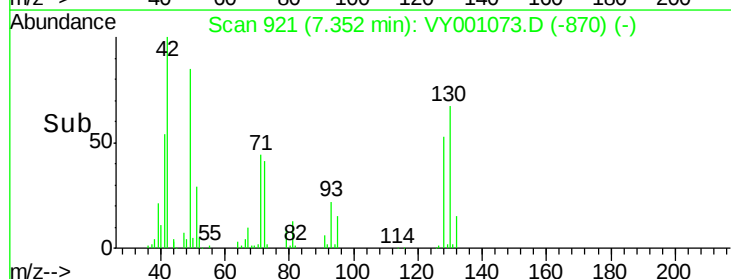
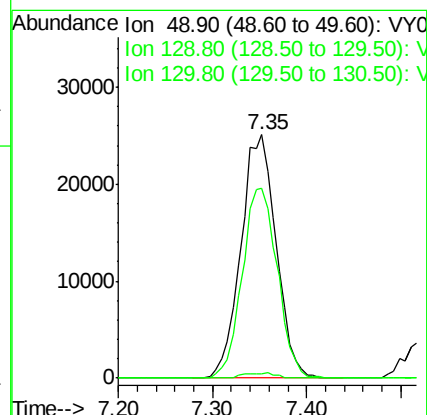
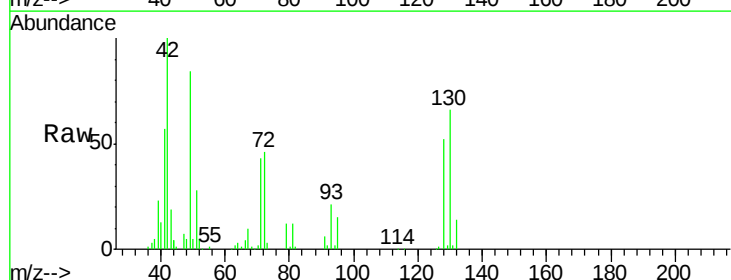
Tgt Ion: 96 Resp: 89448
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 268.2
 98 65.7 0.0 129.2

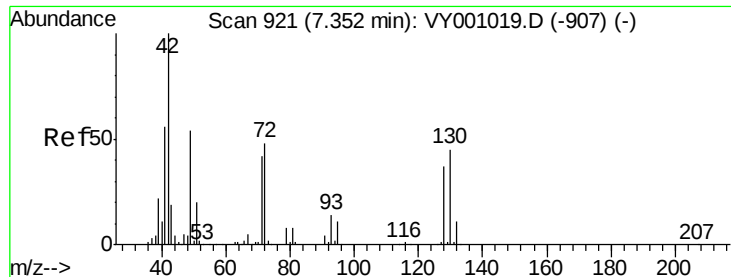


#28

Bromochloromethane
 Concen: 60.763 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion: 49 Resp: 65255
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 77.9 60.4 90.6

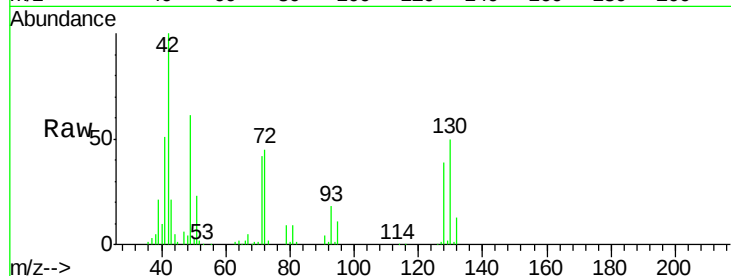




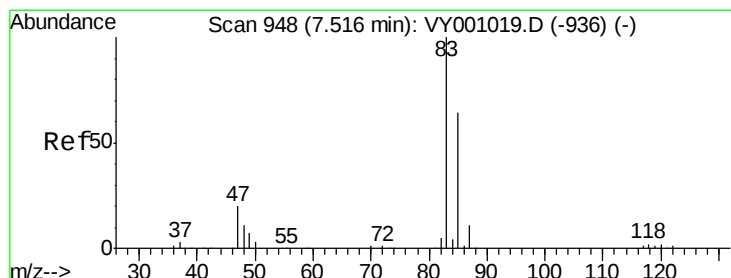
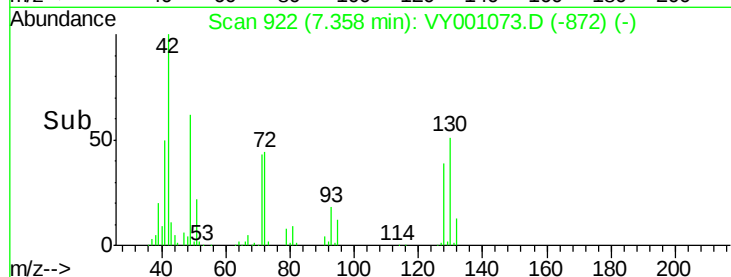
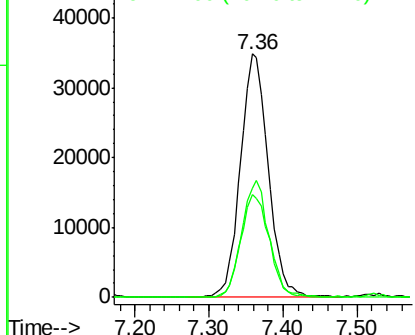
#29
Tetrahydrofuran
Concen: 244.999 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

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

Tgt Ion: 42 Resp: 91845
Ion Ratio Lower Upper
42 100
72 46.8 37.7 56.5
71 43.2 34.6 51.8

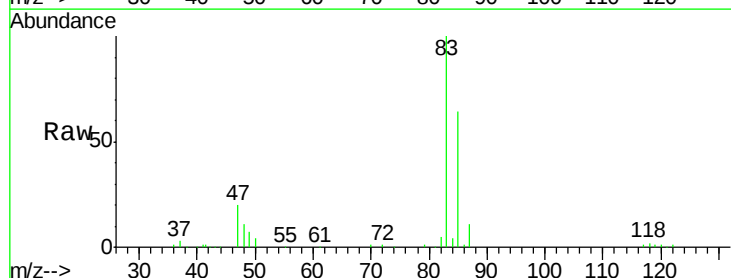


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

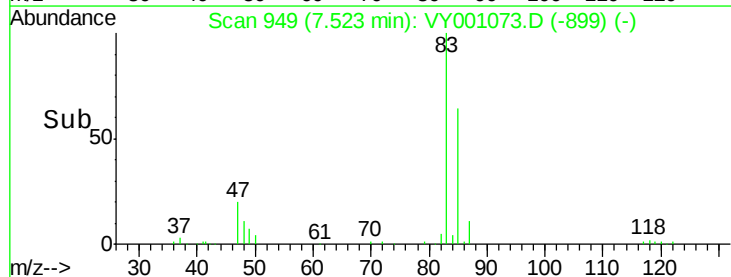
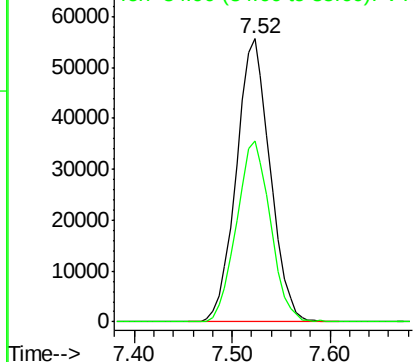


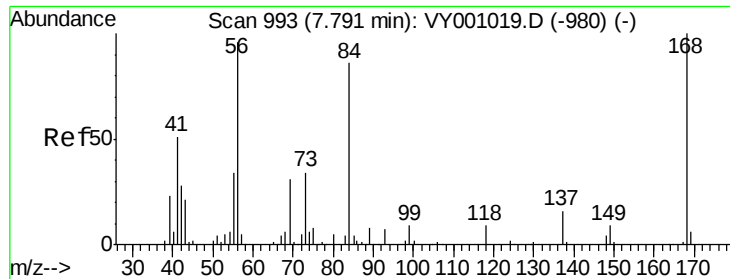
#30
Chloroform
Concen: 51.205 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion: 83 Resp: 133268
Ion Ratio Lower Upper
83 100
85 63.8 51.6 77.4



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

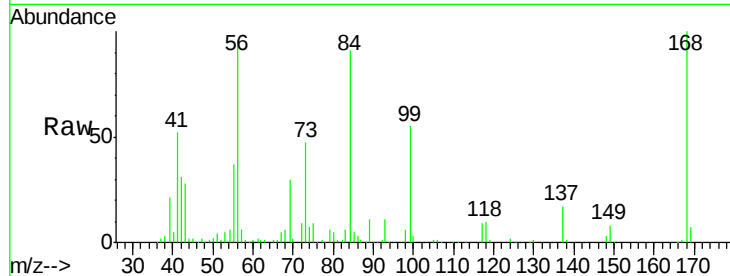




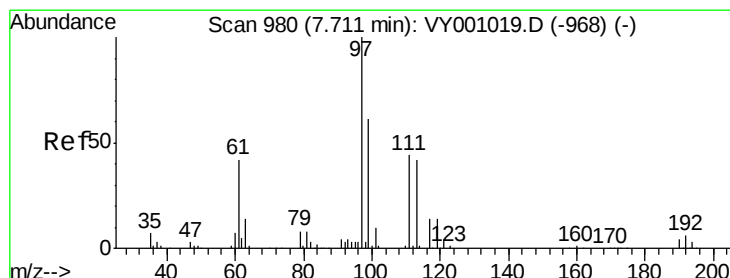
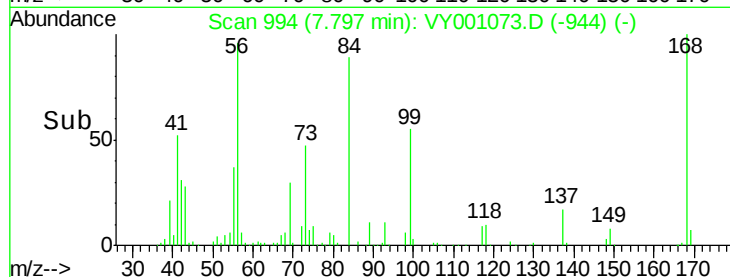
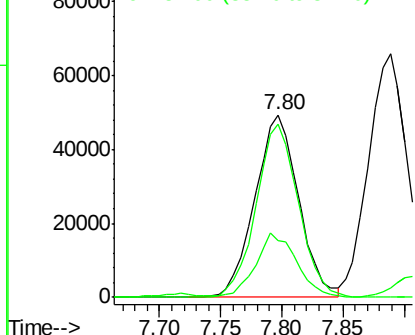
#31
Cyclohexane
Concen: 42.376 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

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

Tgt Ion: 56 Resp: 122647
Ion Ratio Lower Upper
56 100
69 30.9 26.1 39.1
84 93.1 71.8 107.8

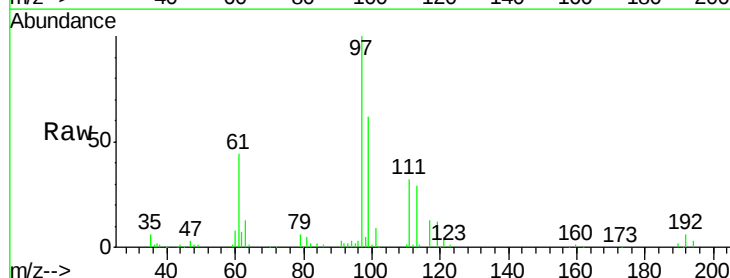


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

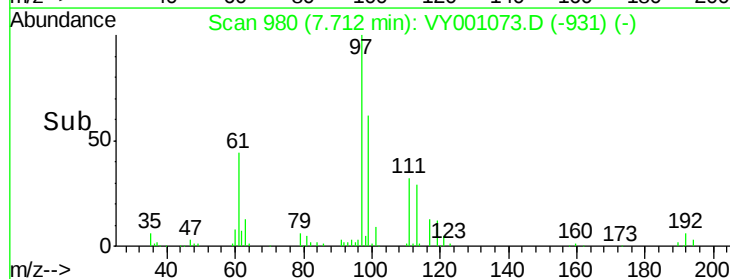
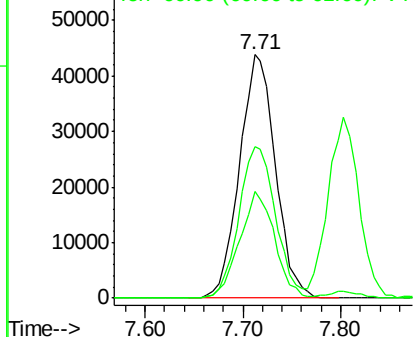


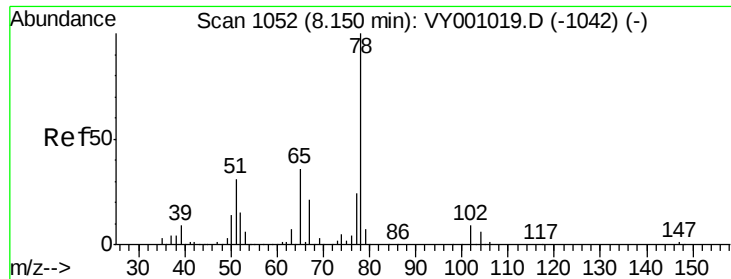
#32
1,1,1-Trichloroethane
Concen: 50.272 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion: 97 Resp: 111612
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 42.6 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: 55.565 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

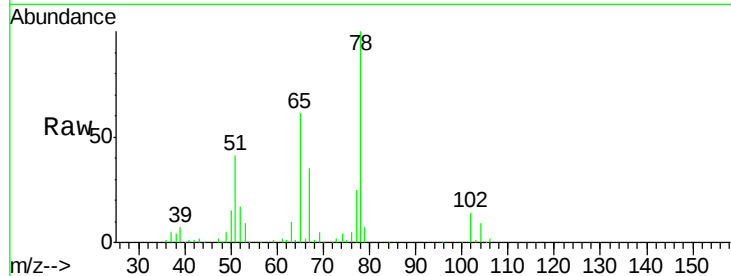
SB-2-(4-5)MS

Tgt Ion: 65 Resp: 72357

Ion Ratio Lower Upper

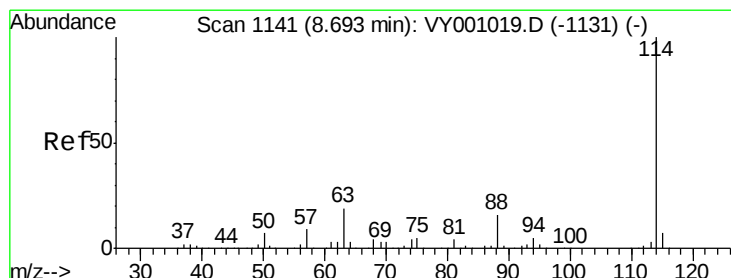
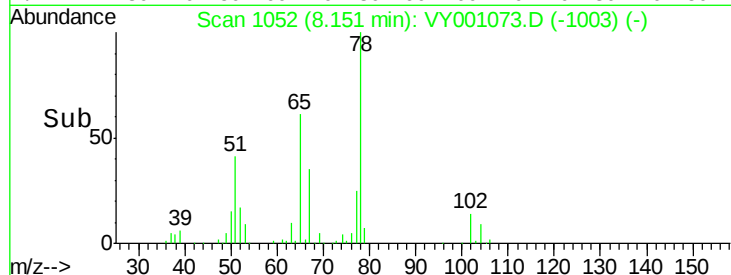
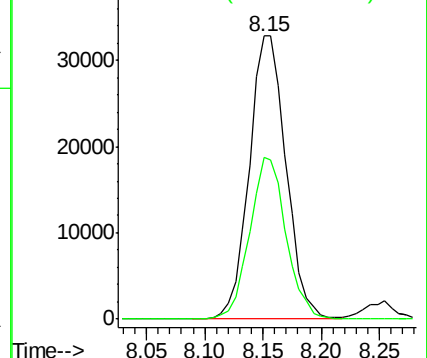
65 100

67 56.4 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

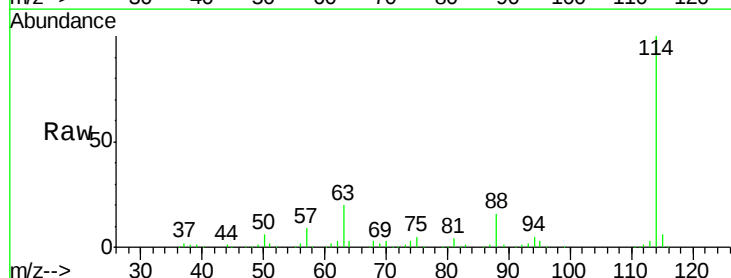
Tgt Ion: 114 Resp: 235560

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.0

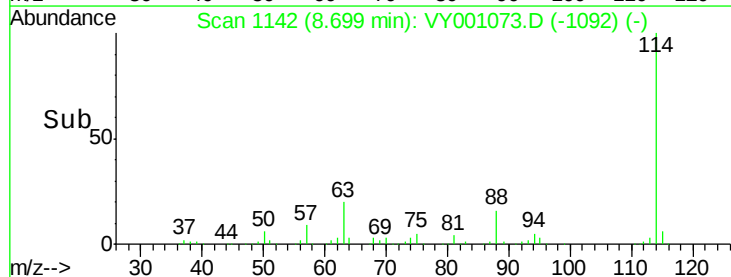
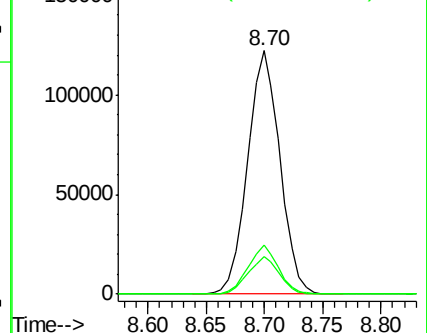
88 15.7 0.0 32.0

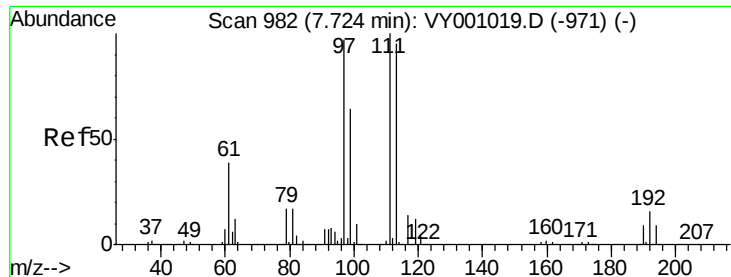


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

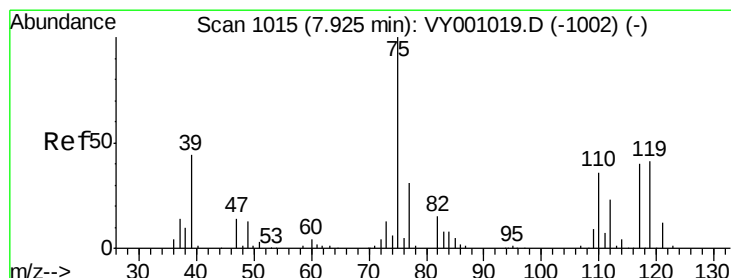
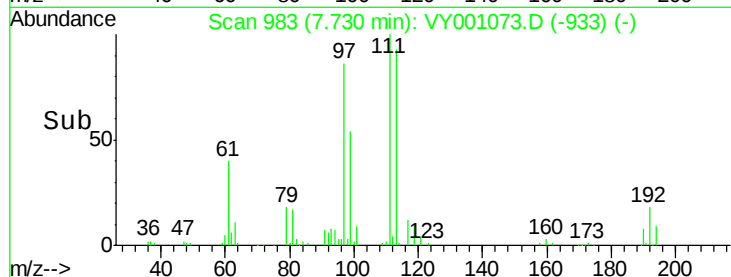
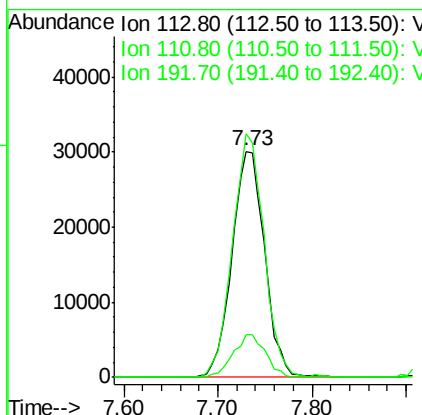
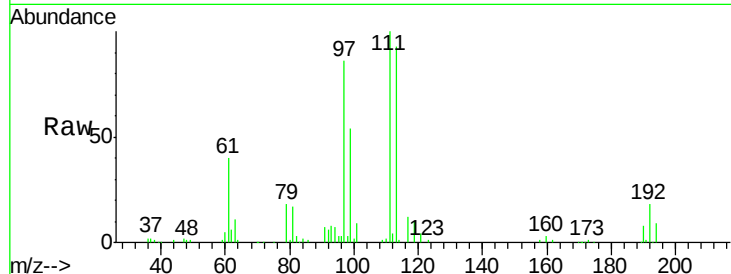




#35
 Dibromofluoromethane
 Concen: 52.402 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

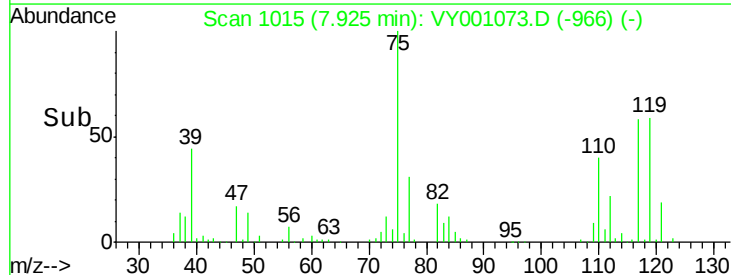
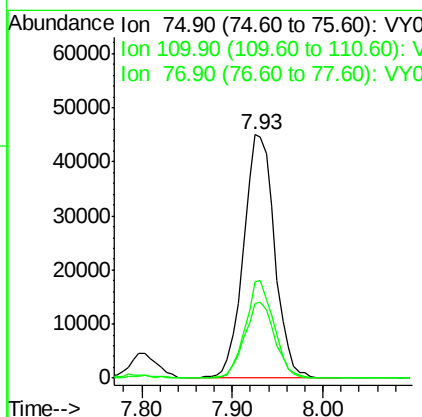
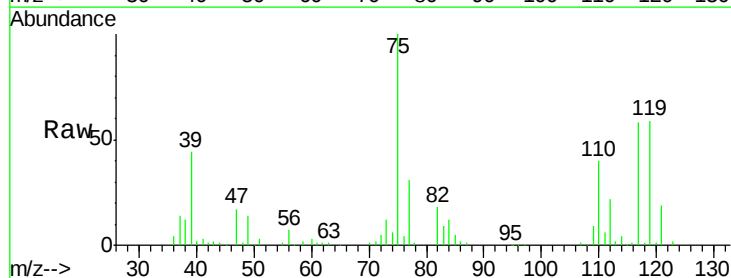
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

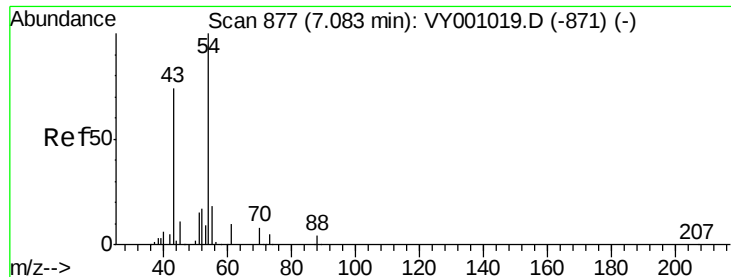
Tgt Ion: 113 Resp: 72687
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.0 124.4
 192 18.7 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 47.494 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion: 75 Resp: 106730
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.1 54.4
 77 30.5 24.6 37.0

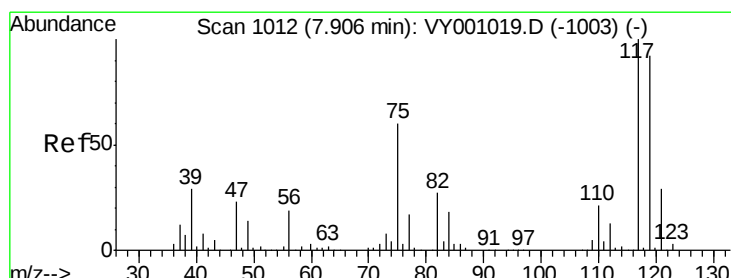
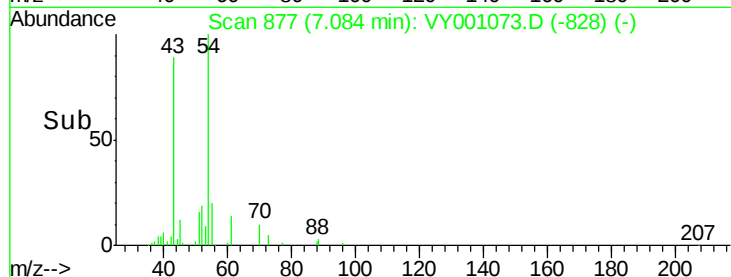
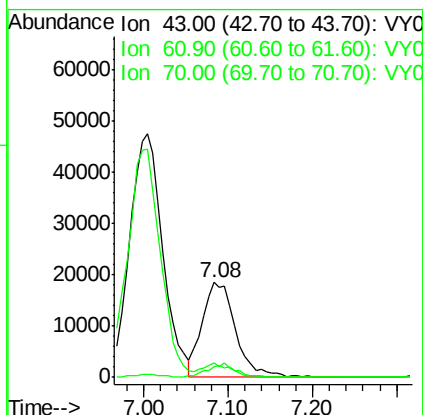
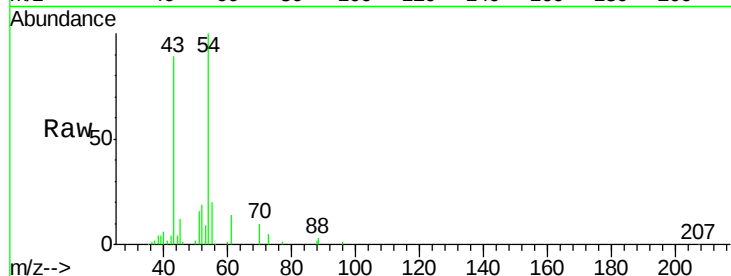




#37
Ethyl Acetate
Concen: 41.272 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

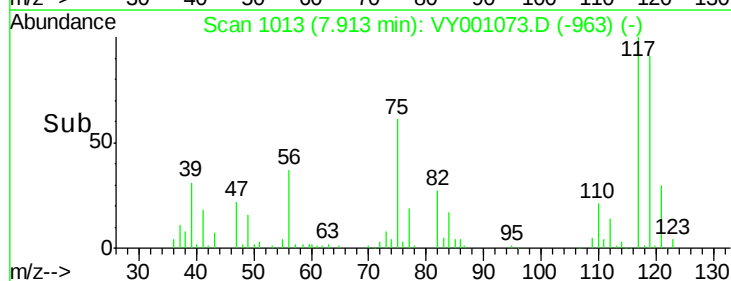
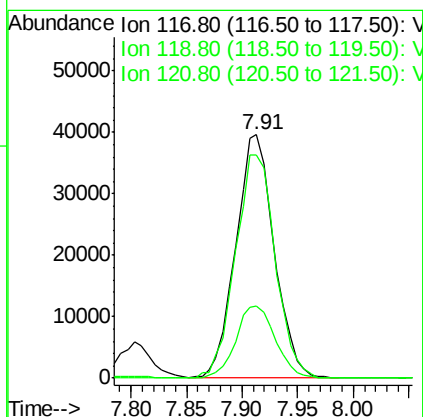
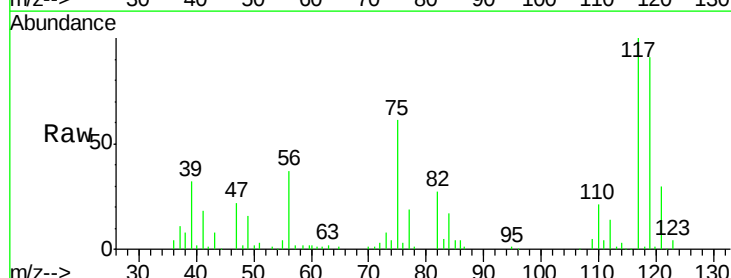
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

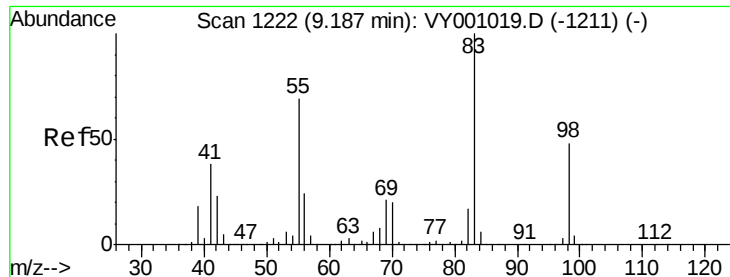
Tgt Ion: 43 Resp: 51355
Ion Ratio Lower Upper
43 100
61 13.9 12.5 18.7
70 11.7 9.0 13.4



#38
Carbon Tetrachloride
Concen: 48.322 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion: 117 Resp: 95141
Ion Ratio Lower Upper
117 100
119 91.4 74.2 111.2
121 29.8 22.9 34.3

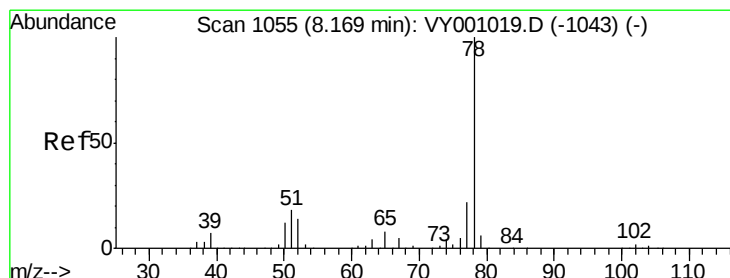
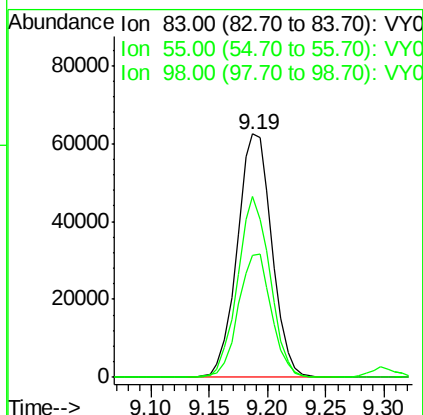
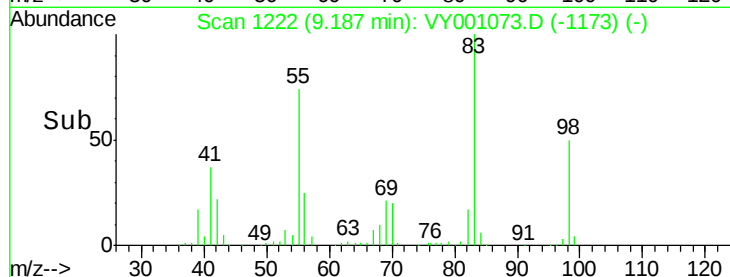
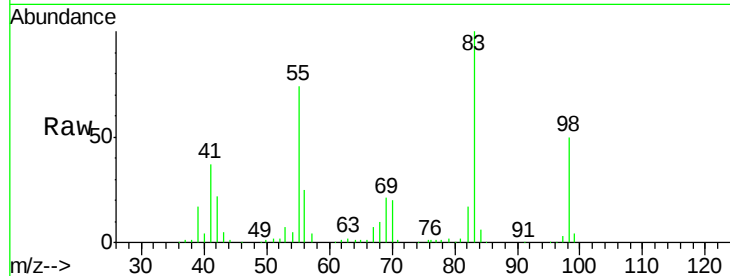




#39
Methylcyclohexane
Concen: 43.354 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

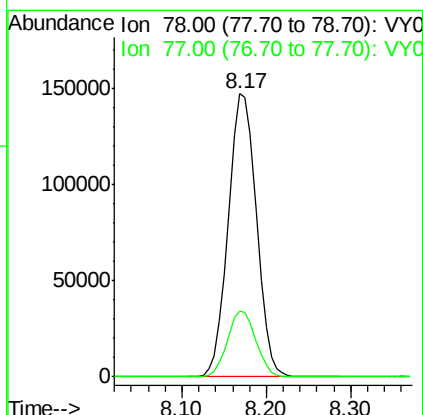
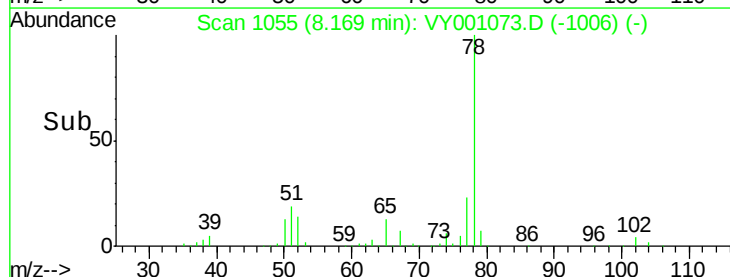
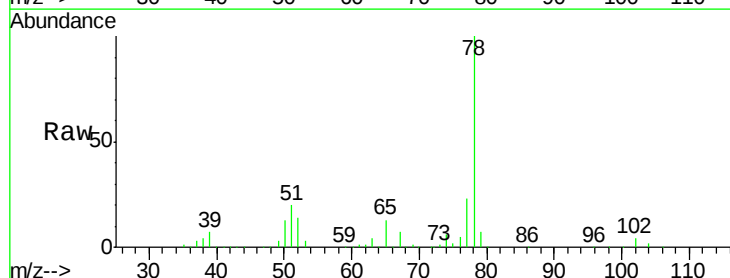
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

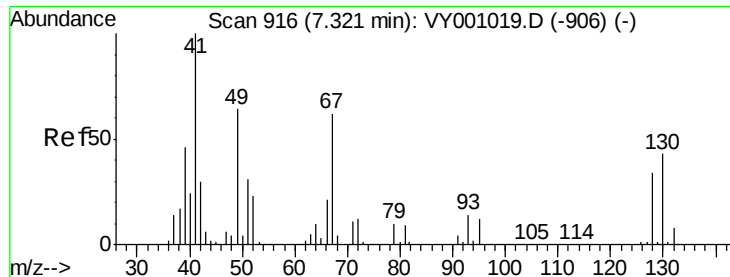
Tgt Ion: 83 Resp: 129378
Ion Ratio Lower Upper
83 100
55 74.2 55.1 82.7
98 49.9 38.3 57.5



#40
Benzene
Concen: 49.249 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion: 78 Resp: 333885
Ion Ratio Lower Upper
78 100
77 23.1 17.7 26.5

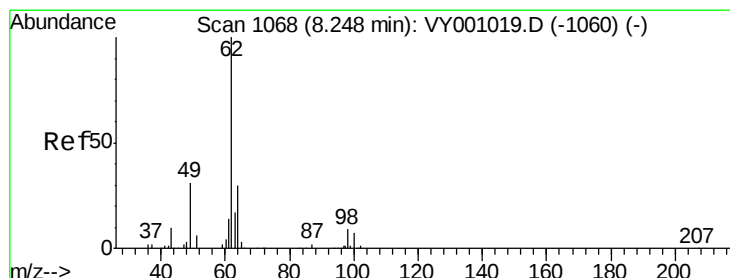
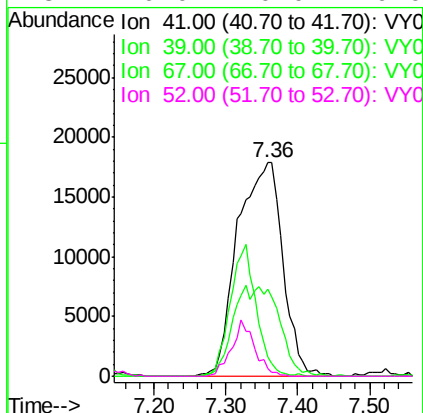
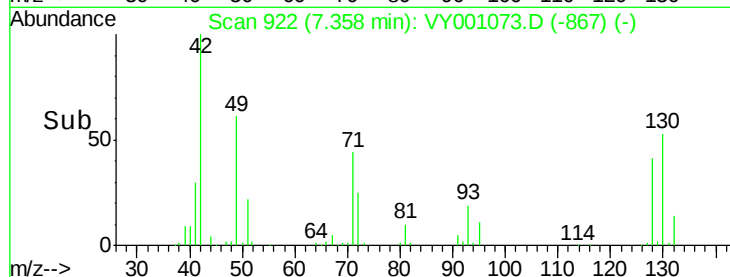
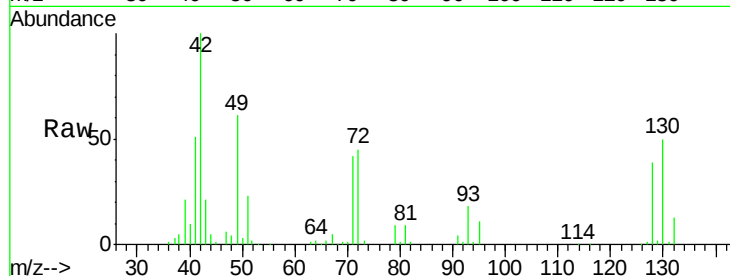




#41
Methacrylonitrile
Concen: 144.237 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.04 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

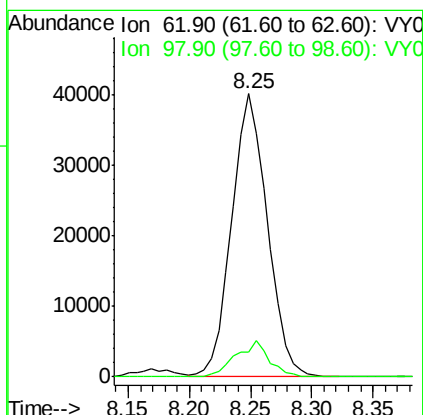
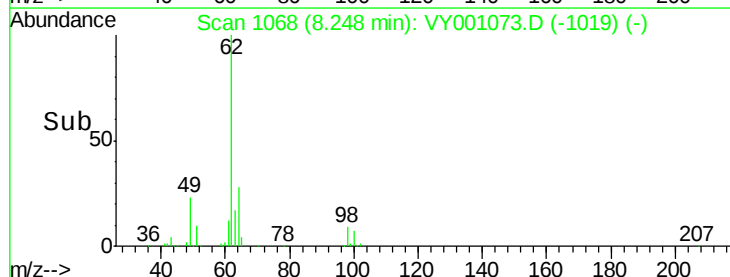
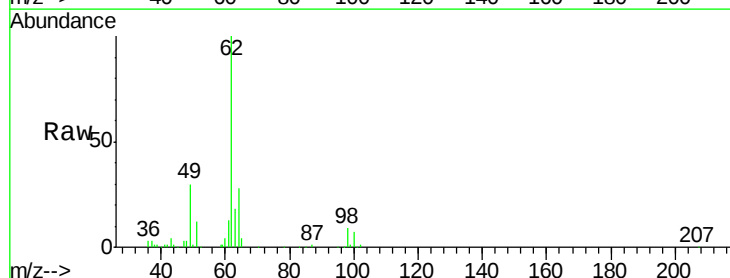
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

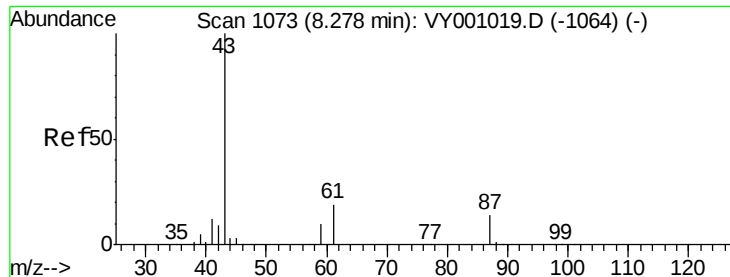
Tgt Ion:	41	Resp:	77812
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.153 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion:	62	Resp:	81292
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	23.4





#43

Isopropyl Acetate

Concen: 42.642 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

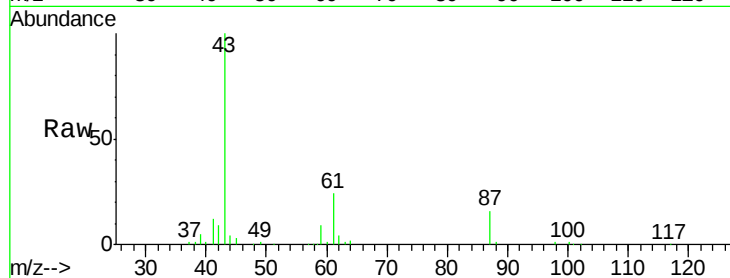
Tgt Ion: 43 Resp: 98223

Ion Ratio Lower Upper

43 100

61 33.7 25.0 37.6

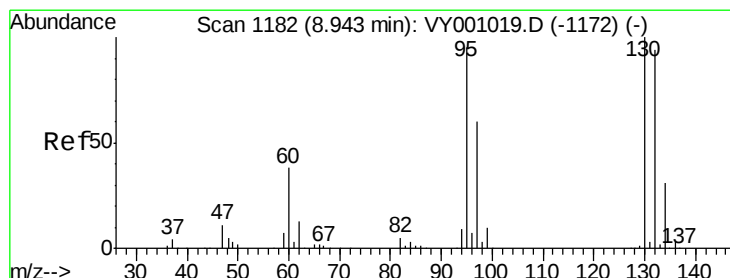
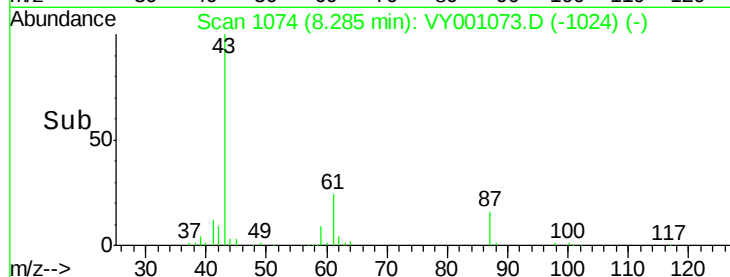
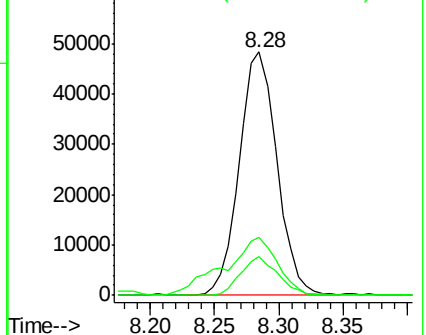
87 15.6 12.0 18.0



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) (-)



#44

Trichloroethene

Concen: 49.659 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY001073.D

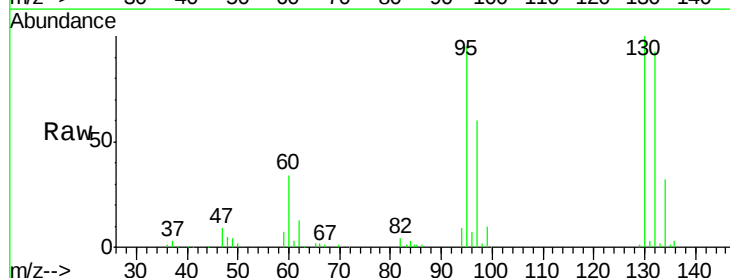
Acq: 26 Dec 2019 15:36

Tgt Ion: 130 Resp: 88704

Ion Ratio Lower Upper

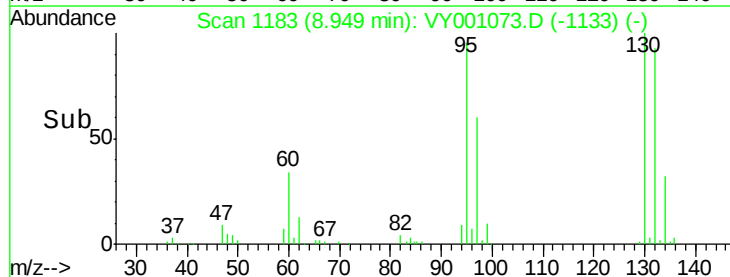
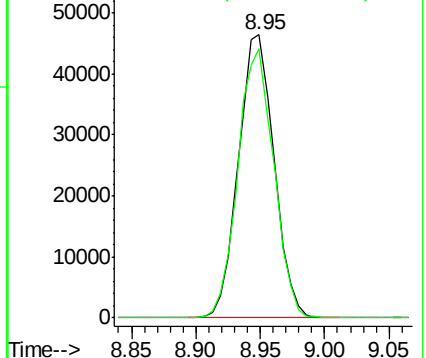
130 100

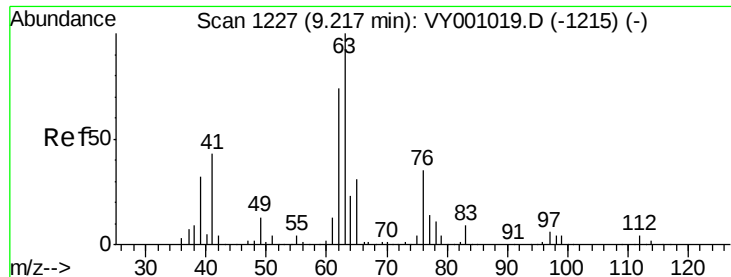
95 94.9 0.0 190.6



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

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





#45

1,2-Dichloropropane

Concen: 50.016 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

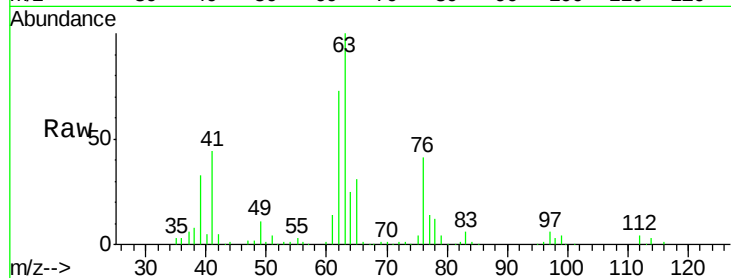
SB-2-(4-5)MS

Tgt Ion: 63 Resp: 85066

Ion Ratio Lower Upper

63 100

65 31.4 25.1 37.7

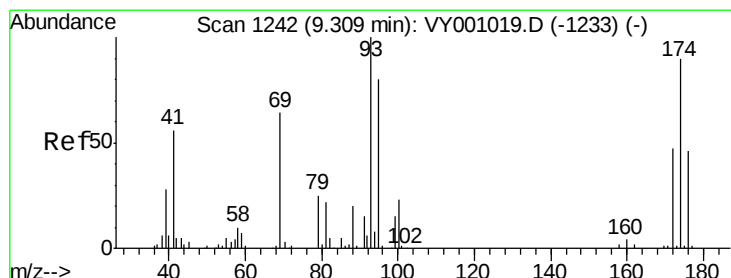
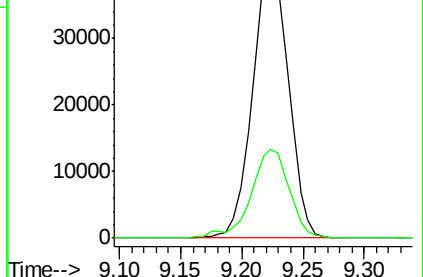
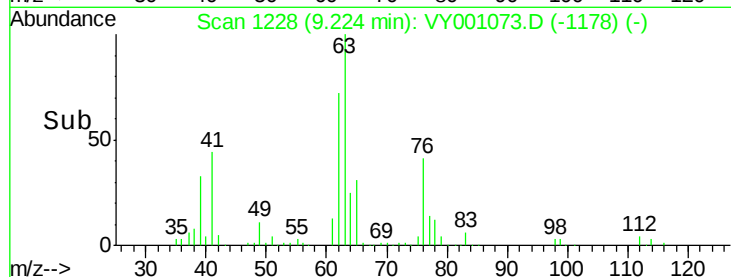


Abundance Ion 62.90 (62.60 to 63.60): VY001019.D (-1215) (-)

Ion 64.90 (64.60 to 65.60): VY001019.D (-1215) (-)

9.22

Time-->



#46

Dibromomethane

Concen: 51.202 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

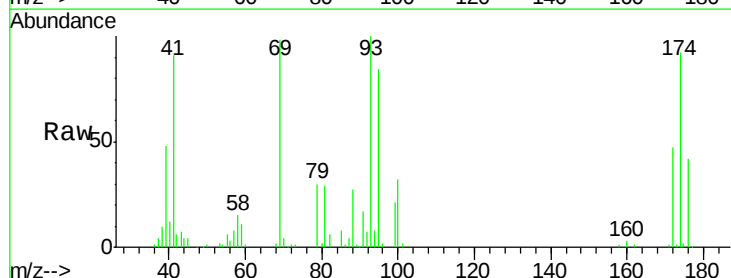
Tgt Ion: 93 Resp: 44890

Ion Ratio Lower Upper

93 100

95 84.9 66.7 100.1

174 91.8 73.6 110.4



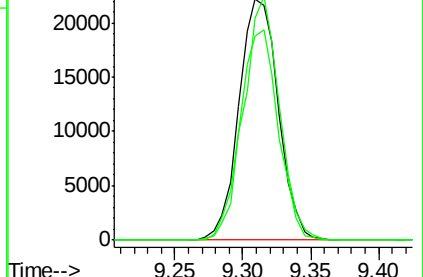
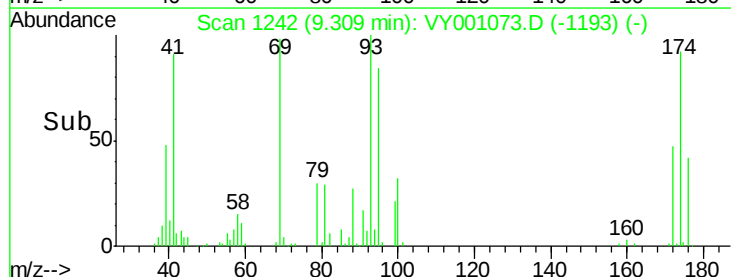
Abundance Ion 92.80 (92.50 to 93.50): VY001019.D (-1233) (-)

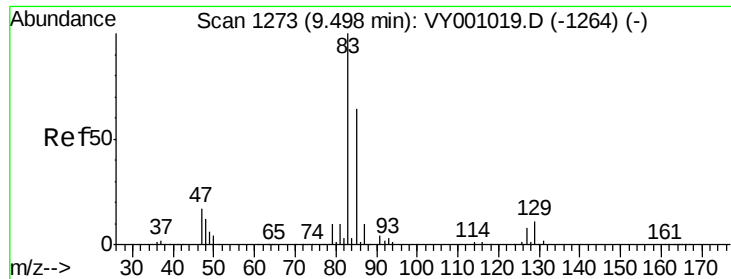
Ion 94.80 (94.50 to 95.50): VY001019.D (-1233) (-)

Ion 173.70 (173.40 to 174.40): VY001019.D (-1233) (-)

9.31

Time-->





#47

Bromodichloromethane

Concen: 50.495 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

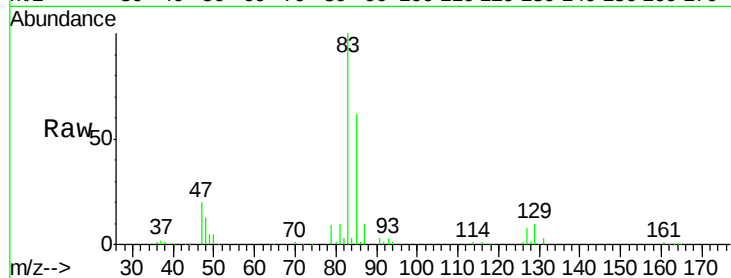
Tgt Ion: 83 Resp: 102545

Ion Ratio Lower Upper

83 100

85 61.8 50.9 76.3

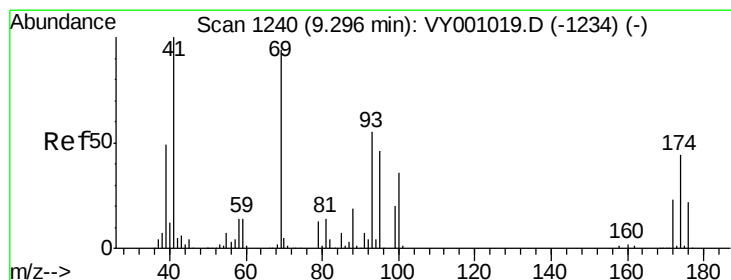
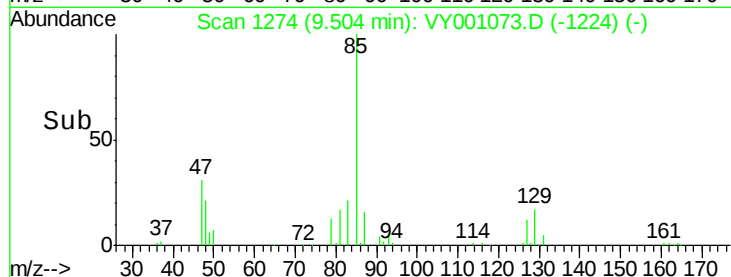
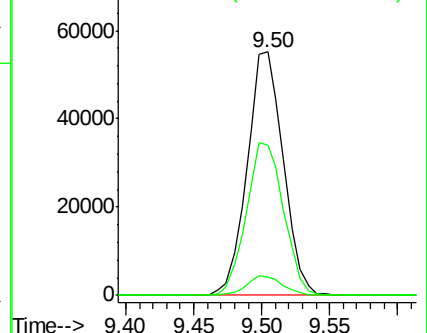
127 7.7 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.835 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

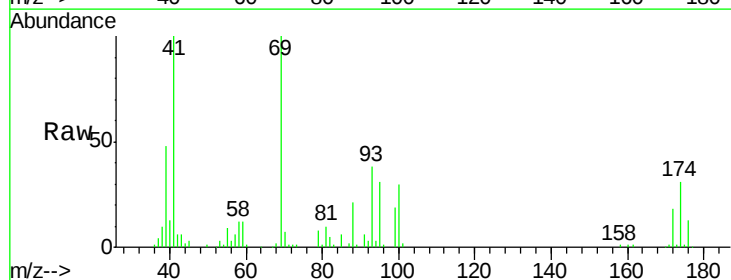
Tgt Ion: 41 Resp: 52917

Ion Ratio Lower Upper

41 100

69 105.3 79.8 119.6

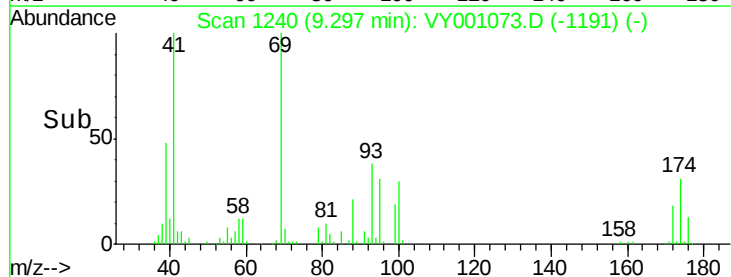
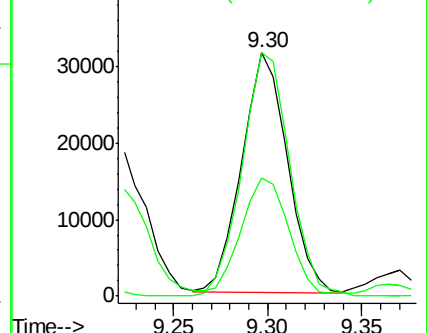
39 52.3 41.7 62.5

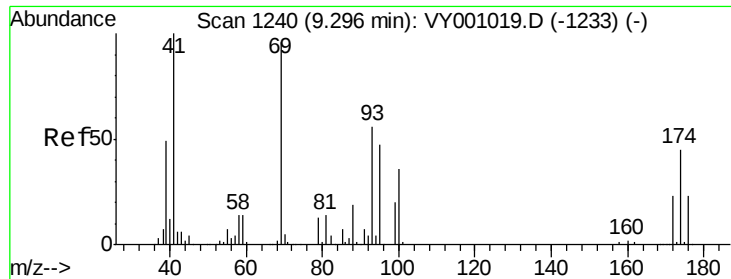


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

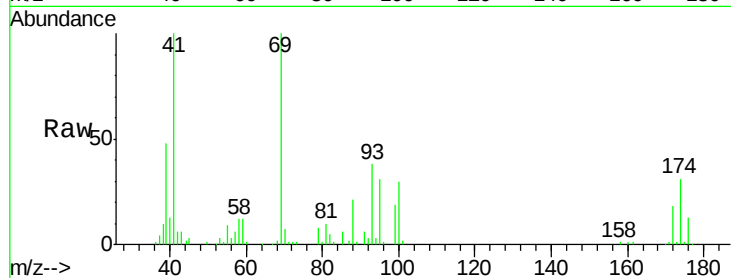




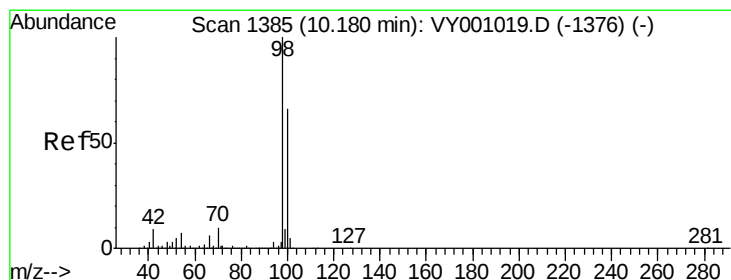
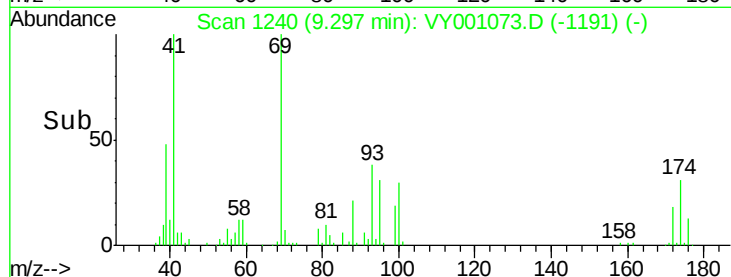
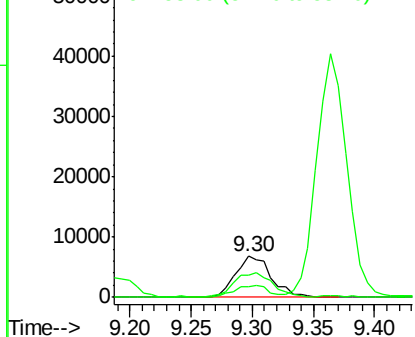
#49
 1,4-Dioxane
 Concen: 1085.845 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

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

Tgt Ion: 88 Resp: 13926
 Ion Ratio Lower Upper
 88 100
 43 28.8 23.0 34.4
 58 65.0 54.9 82.3

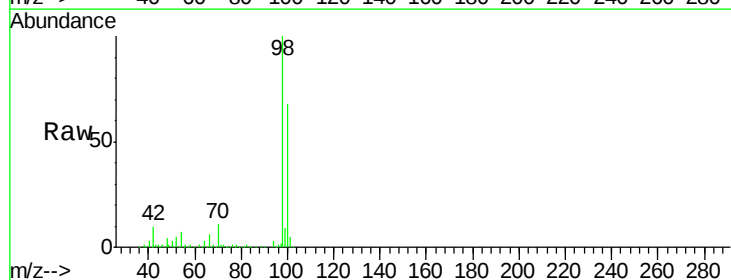


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

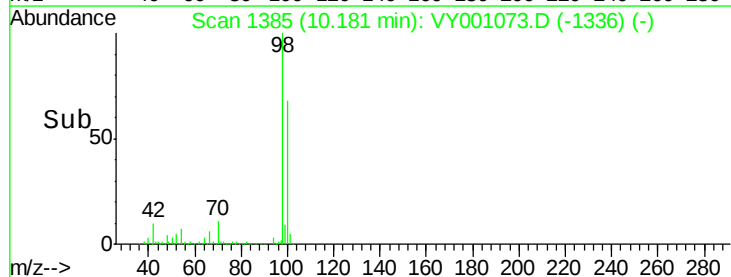
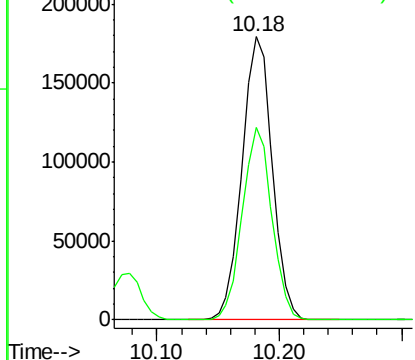


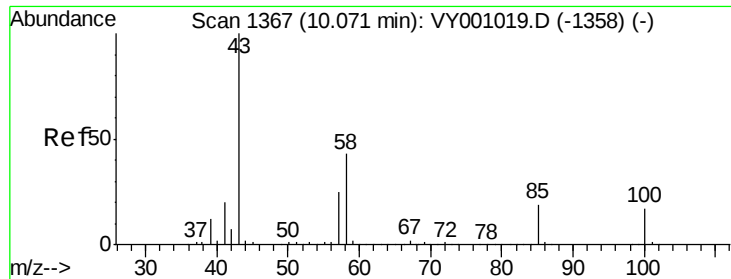
#50
 Toluene-d8
 Concen: 56.740 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion: 98 Resp: 307576
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.0 79.4



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

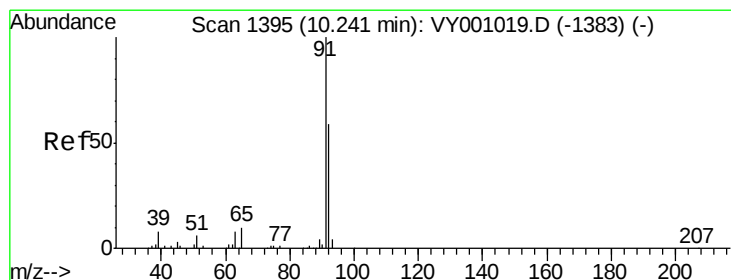
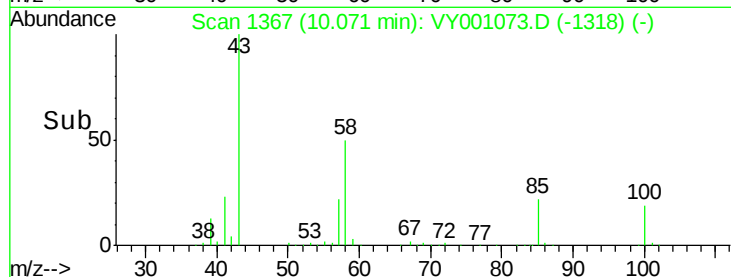
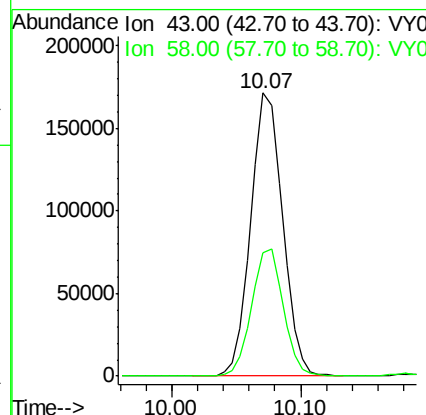
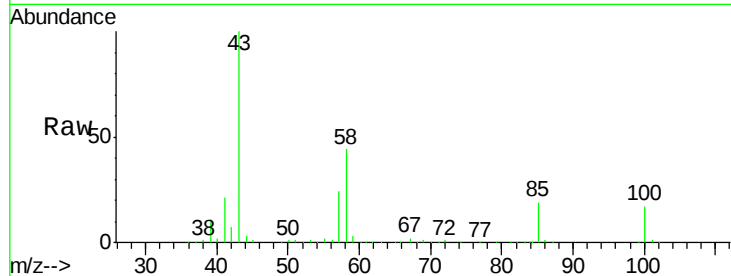




#51
 4-Methyl-2-Pentanone
 Concen: 244.045 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

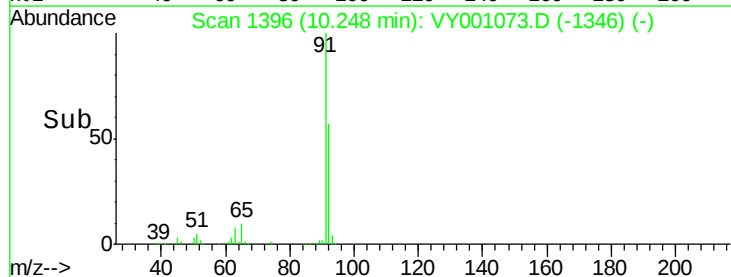
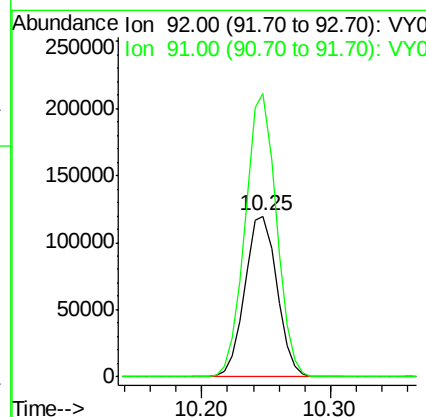
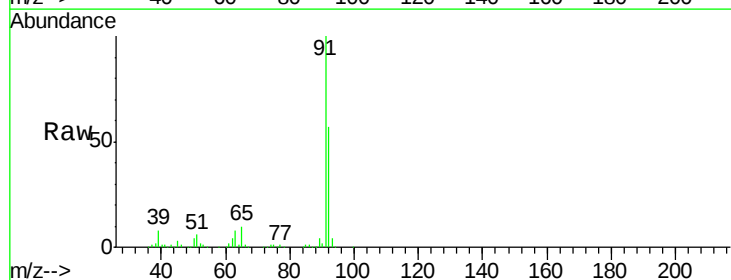
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

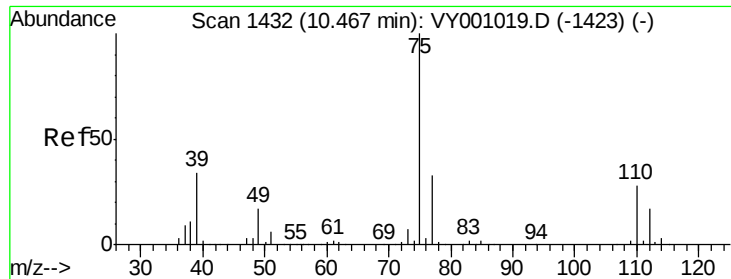
Tgt Ion: 43 Resp: 292995
 Ion Ratio Lower Upper
 43 100
 58 44.6 34.6 52.0



#52
 Toluene
 Concen: 49.441 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion: 92 Resp: 206308
 Ion Ratio Lower Upper
 92 100
 91 171.3 135.7 203.5

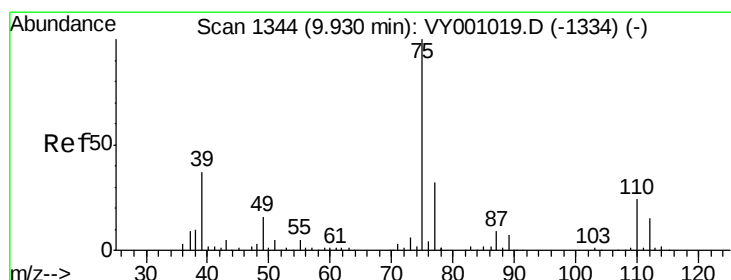
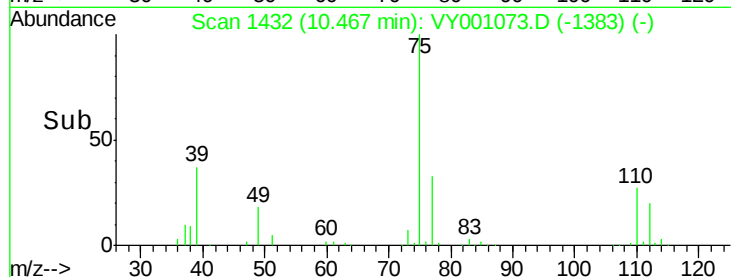
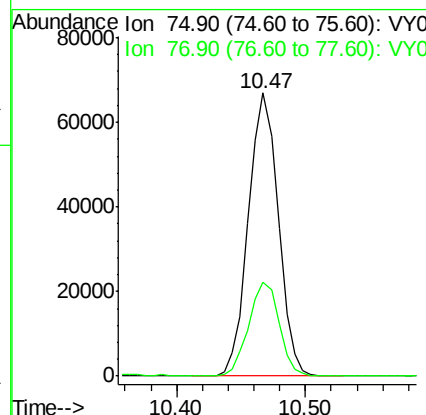
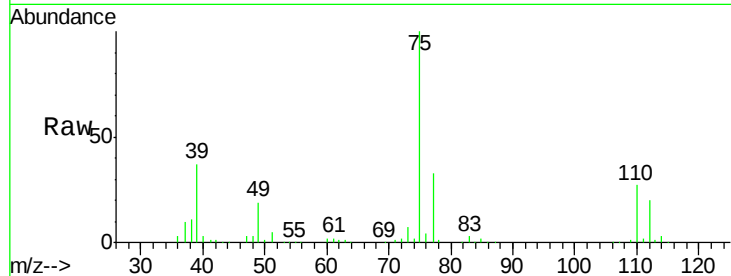




#53
t-1,3-Dichloropropene
Concen: 48.778 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

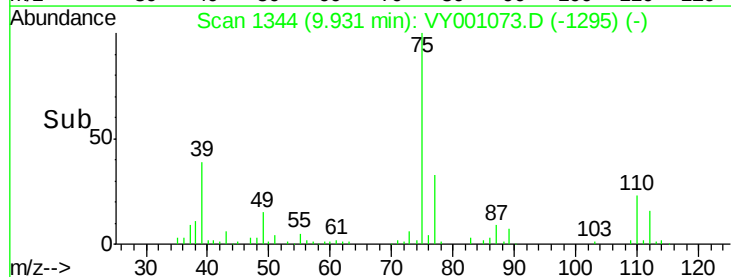
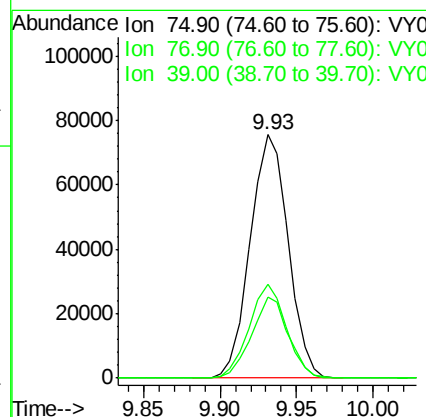
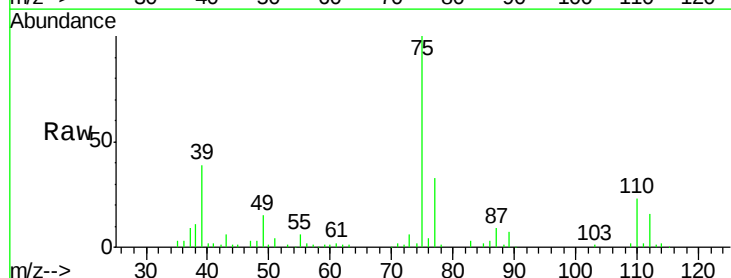
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

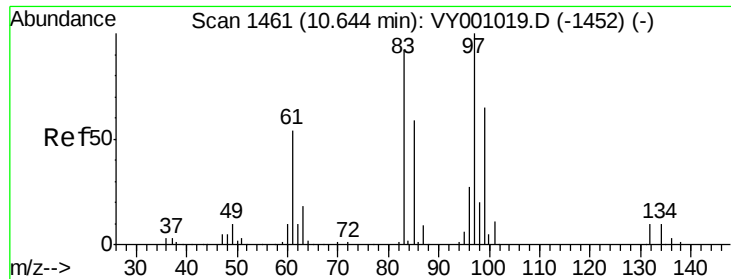
Tgt Ion: 75 Resp: 107508
Ion Ratio Lower Upper
75 100
77 33.2 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 49.300 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion: 75 Resp: 130656
Ion Ratio Lower Upper
75 100
77 33.4 25.2 37.8
39 38.7 29.5 44.3





#55

1,1,2-Trichloroethane

Concen: 51.709 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

Tgt Ion: 97 Resp: 67679

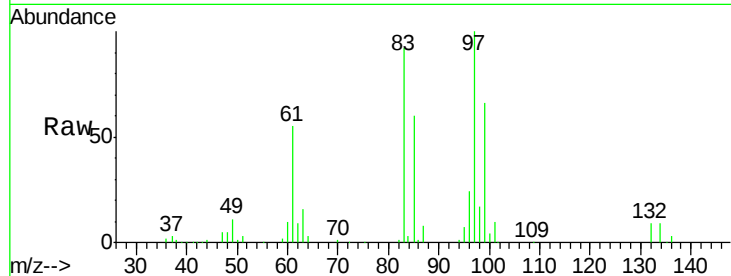
Ion Ratio Lower Upper

97 100

83 91.6 73.7 110.5

85 59.5 47.3 70.9

99 66.4 51.9 77.9

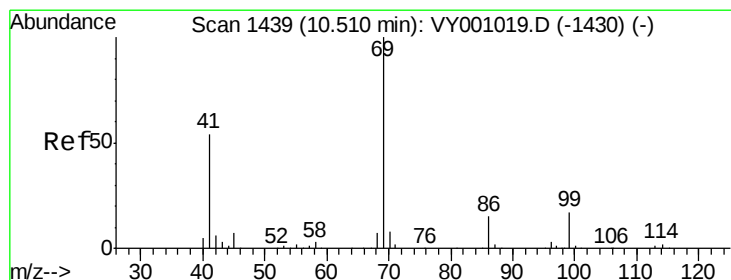
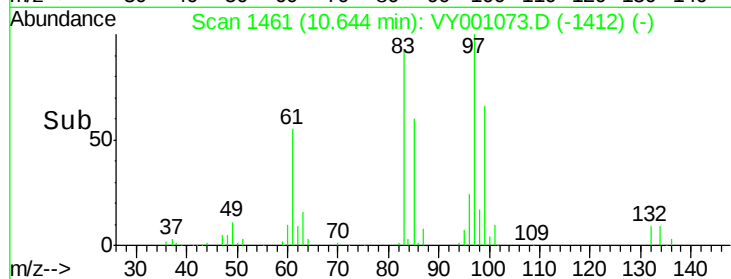
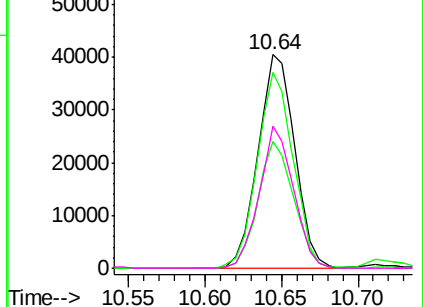


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 43.169 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

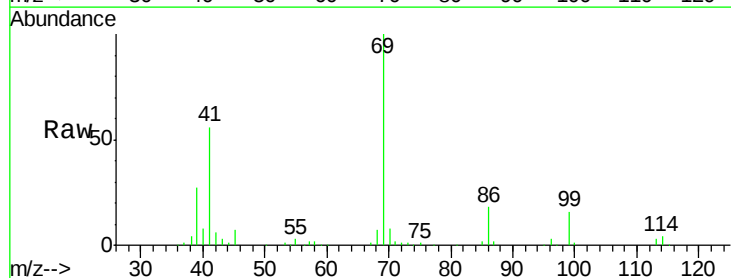
Tgt Ion: 69 Resp: 80415

Ion Ratio Lower Upper

69 100

41 55.1 44.7 67.1

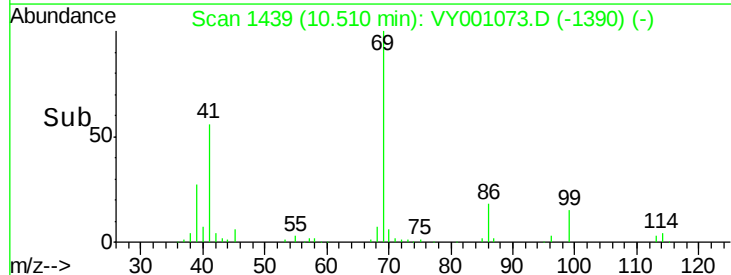
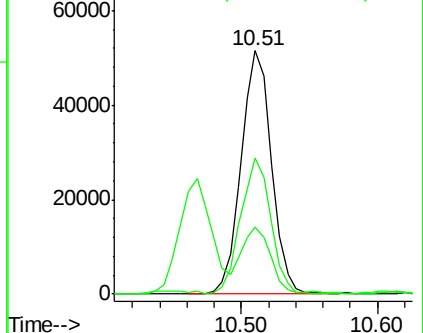
39 25.9 22.2 33.4

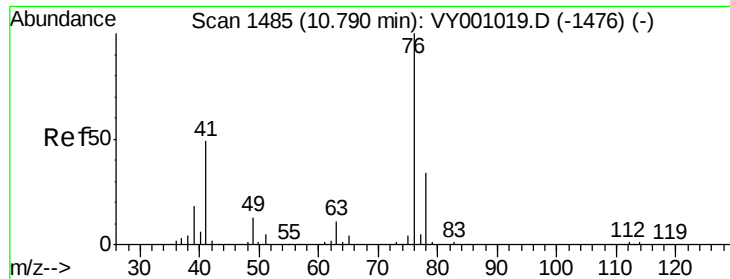


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 50.801 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

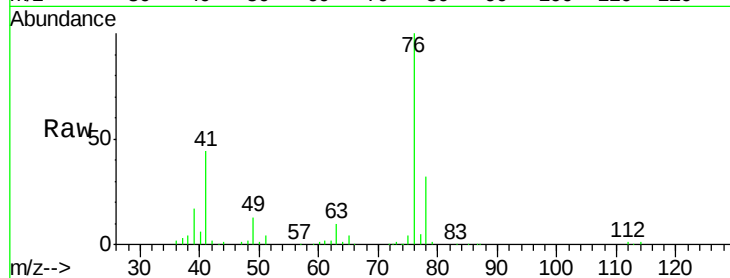
SB-2-(4-5)MS

Tgt Ion: 76 Resp: 116546

Ion Ratio Lower Upper

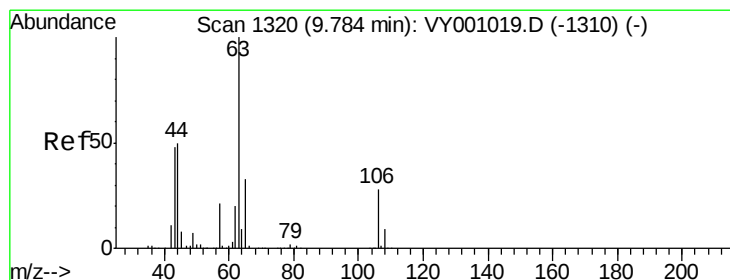
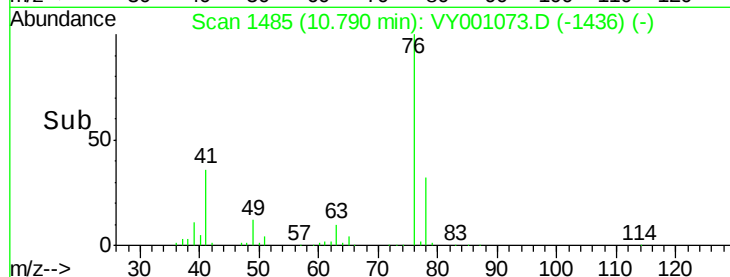
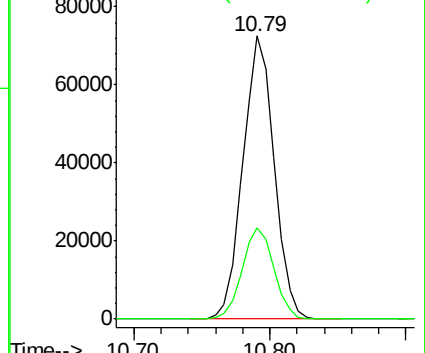
76 100

78 32.7 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: 230.854 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001073.D

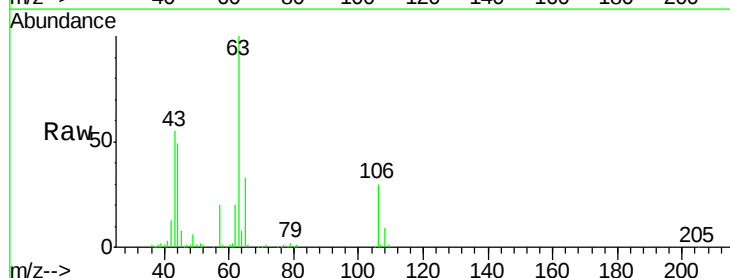
Acq: 26 Dec 2019 15:36

Tgt Ion: 63 Resp: 166096

Ion Ratio Lower Upper

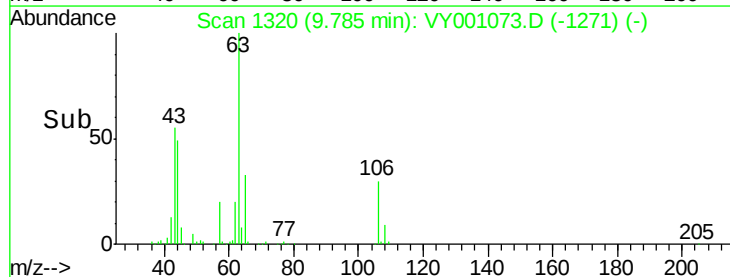
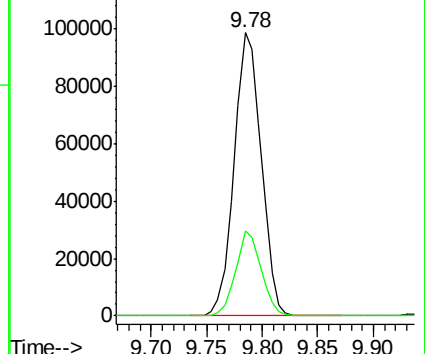
63 100

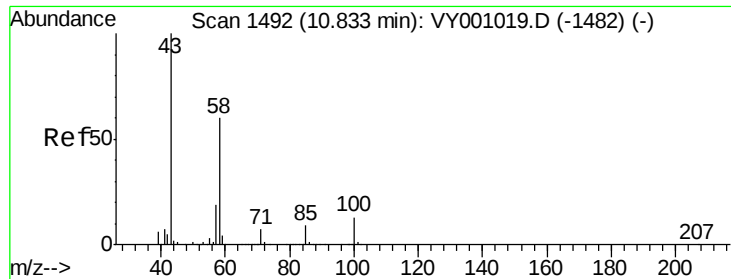
106 28.2 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

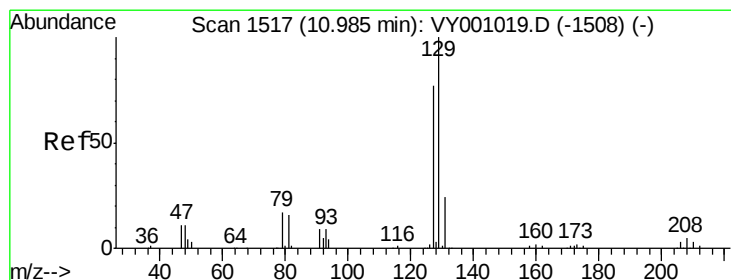
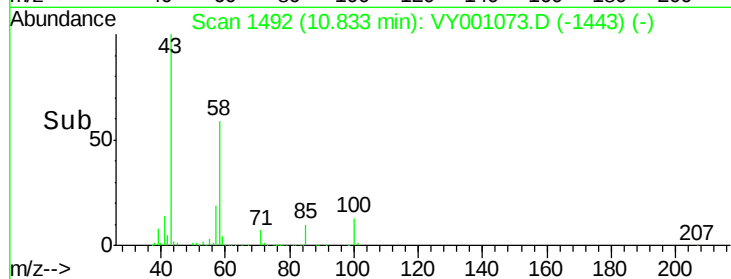
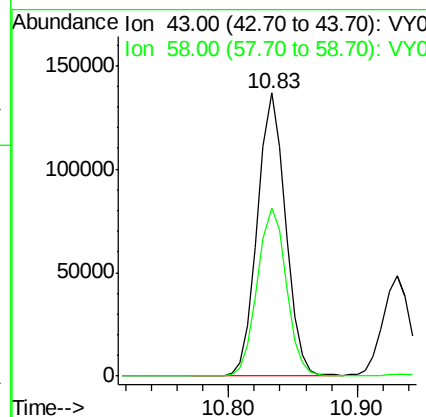
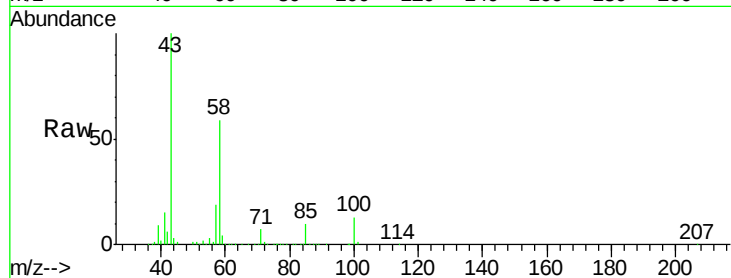




#59
2-Hexanone
Concen: 248.320 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

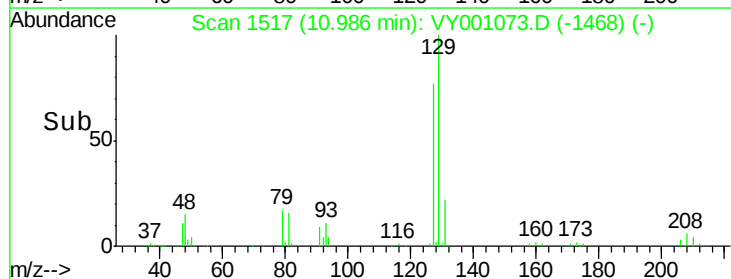
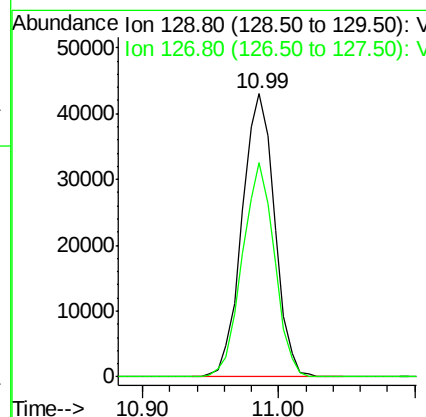
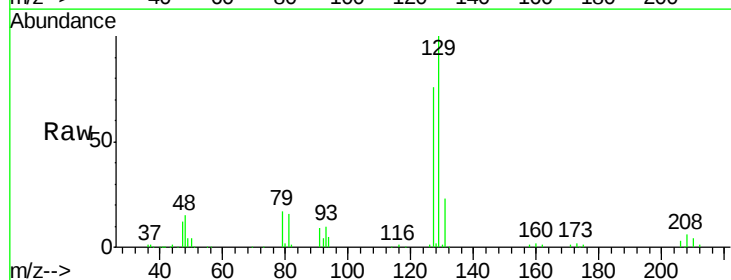
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

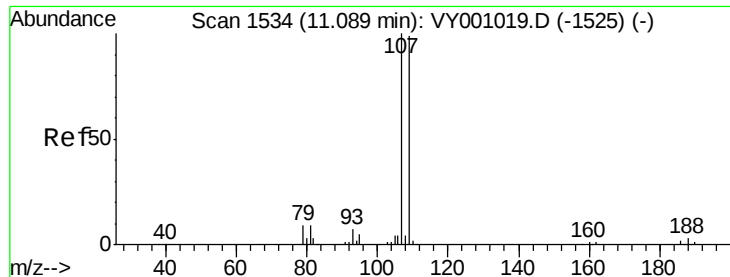
Tgt Ion: 43 Resp: 206287
Ion Ratio Lower Upper
43 100
58 61.2 30.6 91.6



#60
Dibromochloromethane
Concen: 51.487 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion: 129 Resp: 71983
Ion Ratio Lower Upper
129 100
127 74.7 39.1 117.3

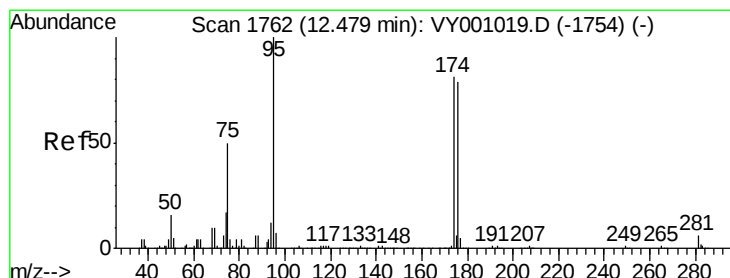
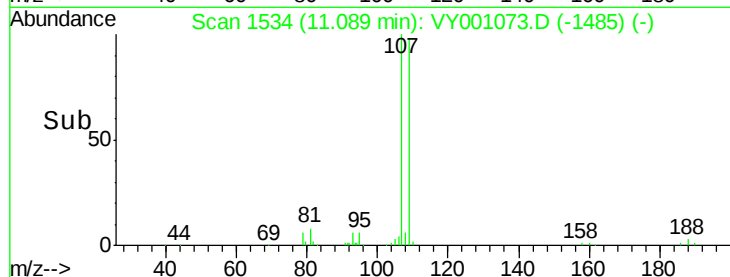
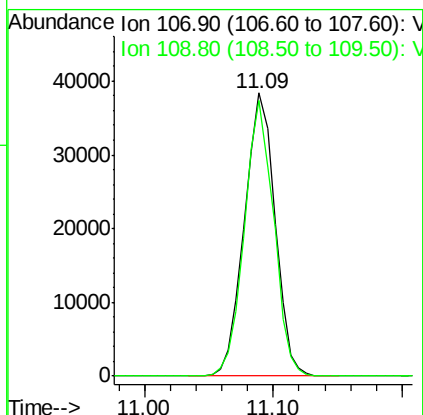
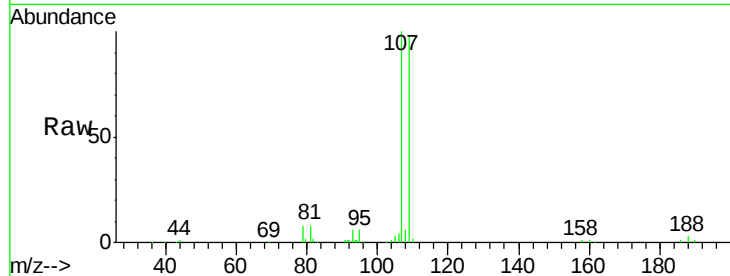




#61
1,2-Dibromoethane
Concen: 50.351 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

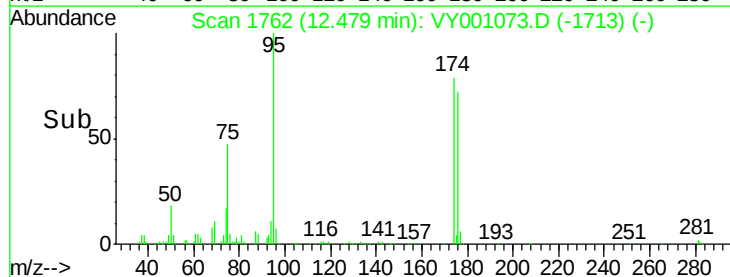
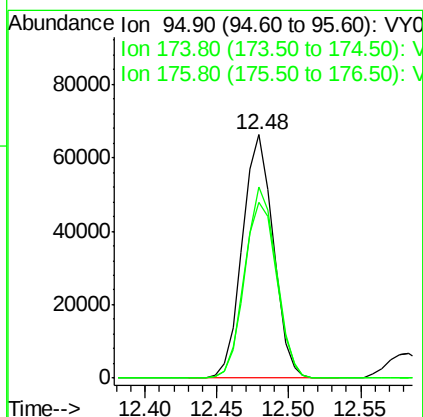
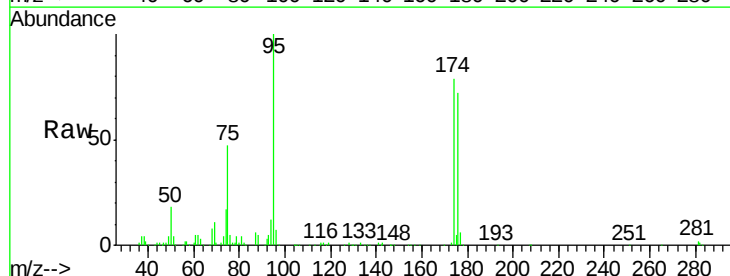
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

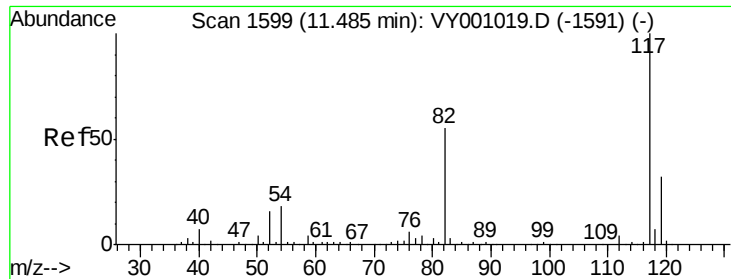
Tgt Ion: 107 Resp: 63020
Ion Ratio Lower Upper
107 100
109 93.0 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 49.752 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion: 95 Resp: 98605
Ion Ratio Lower Upper
95 100
174 79.7 0.0 156.4
176 76.4 0.0 155.0

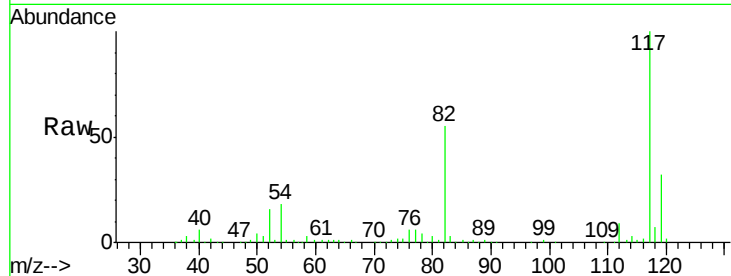




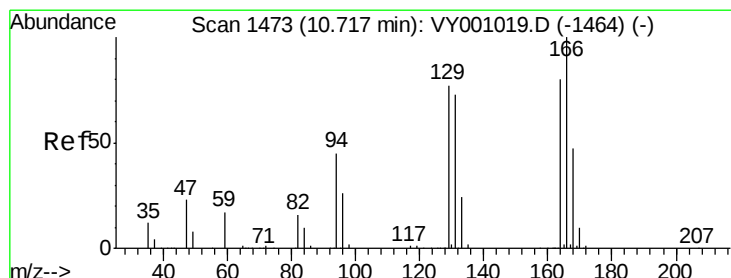
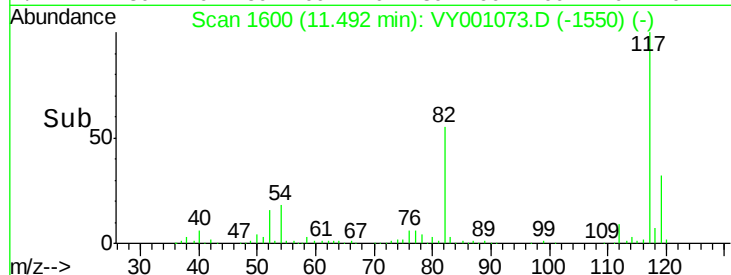
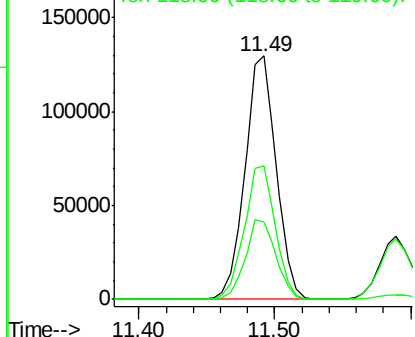
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

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

Tgt Ion:117 Resp: 207206
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 31.6 25.8 38.6



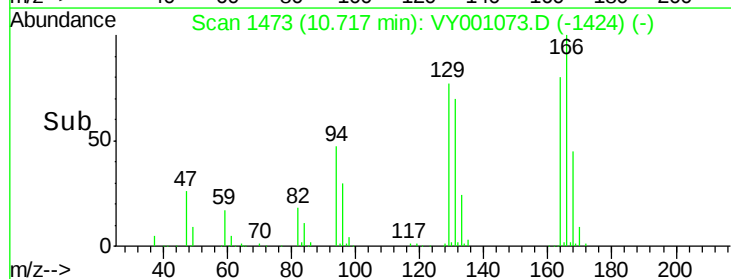
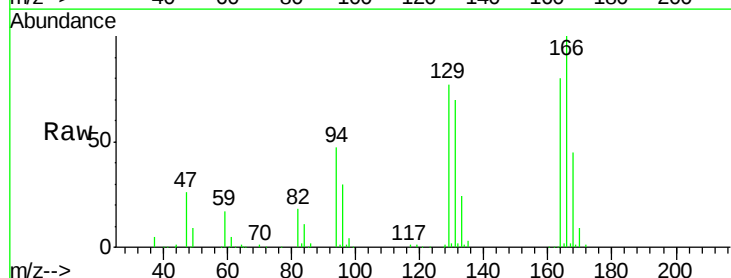
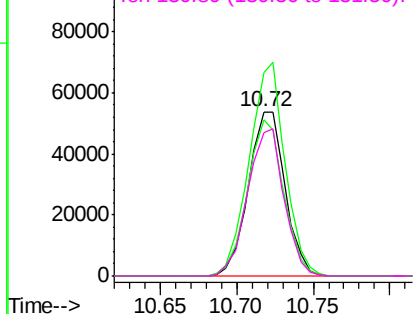
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

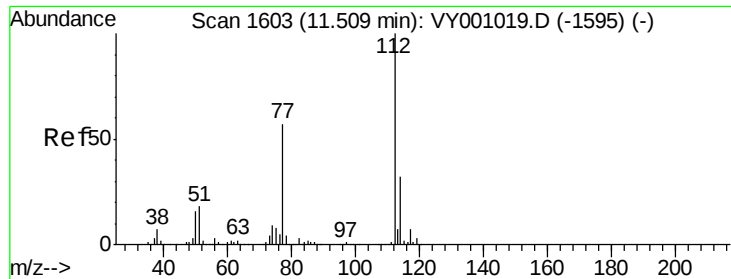


#64
Tetrachloroethene
Concen: 49.884 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion:164 Resp: 89433
Ion Ratio Lower Upper
164 100
166 124.2 99.7 149.5
129 95.6 76.9 115.3
131 87.3 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

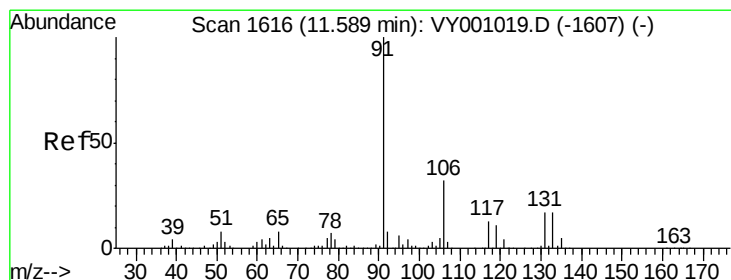
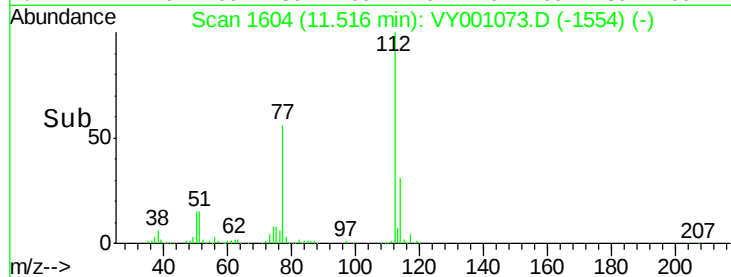
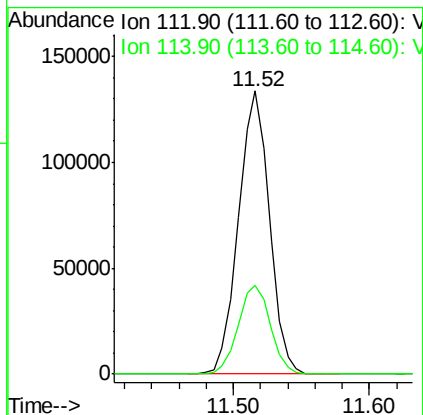
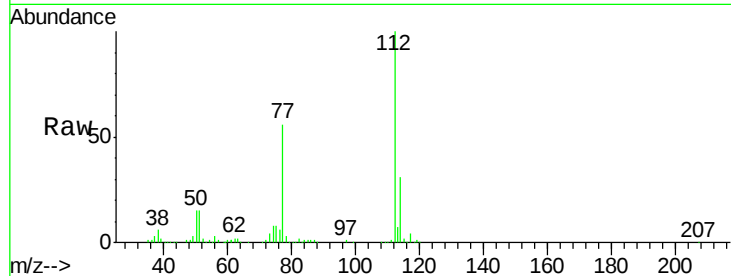




#65
Chlorobenzene
Concen: 49.279 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

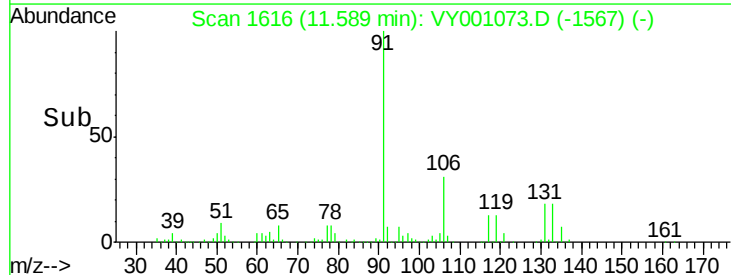
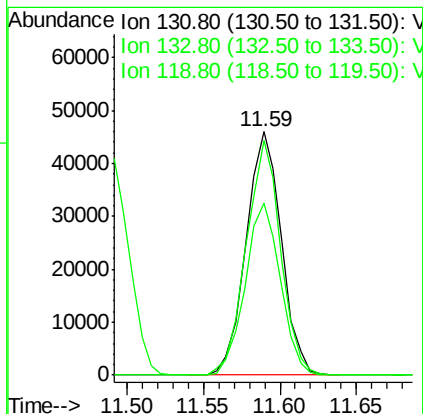
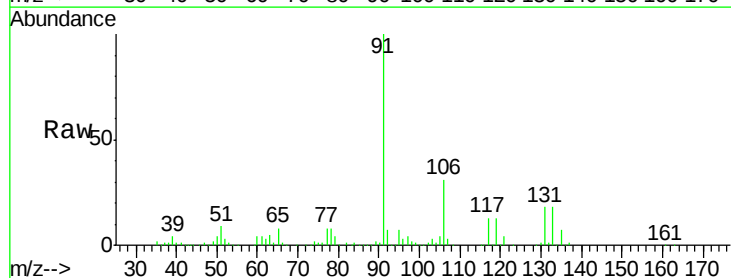
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

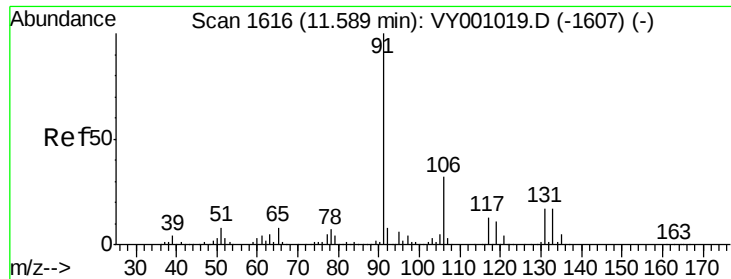
Tgt Ion:112 Resp: 211805
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.924 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion:131 Resp: 73648
Ion Ratio Lower Upper
131 100
133 94.2 48.1 144.4
119 70.5 34.0 101.8

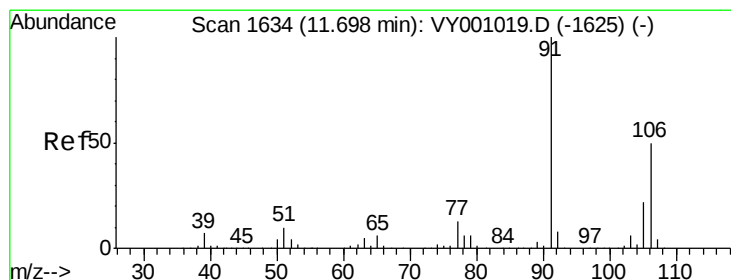
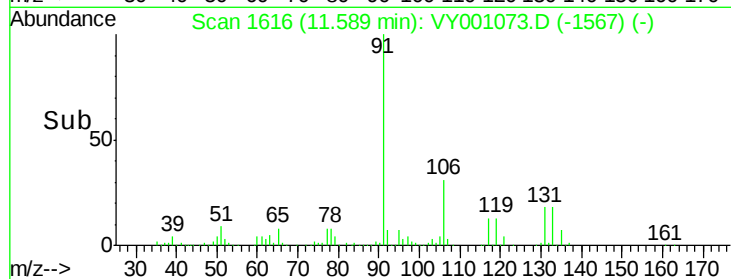
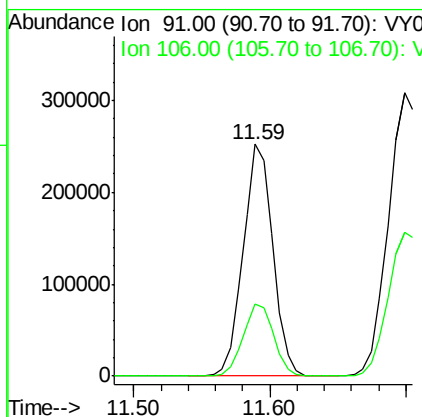
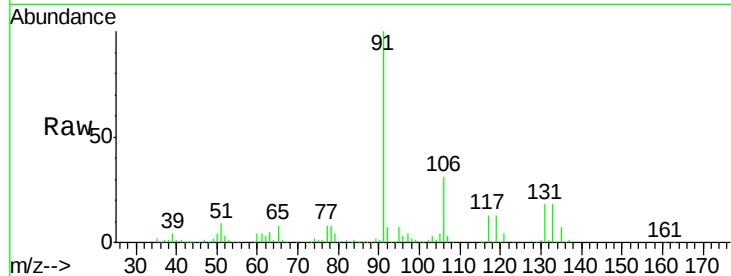




#67
Ethyl Benzene
Concen: 49.760 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

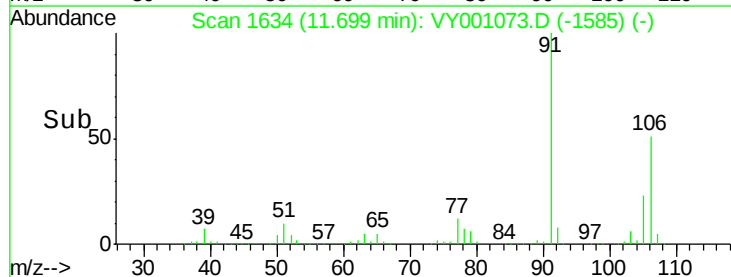
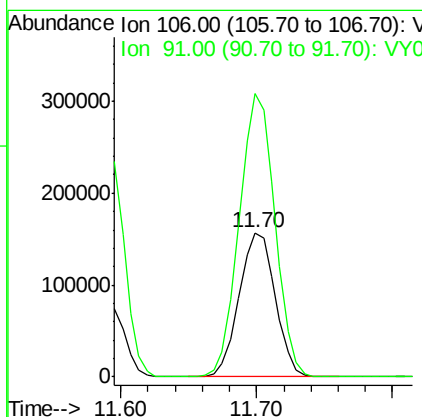
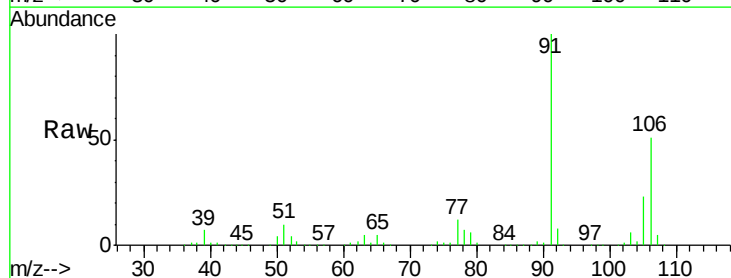
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

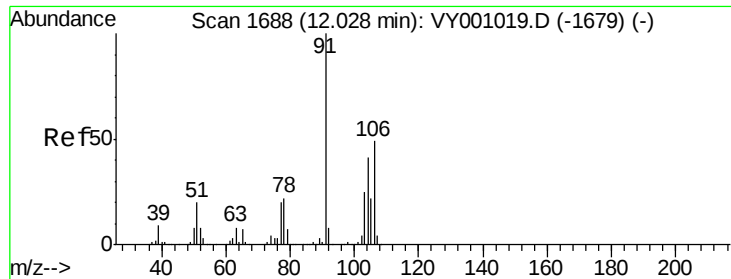
Tgt Ion: 91 Resp: 384687
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9



#68
m/p-Xylenes
Concen: 99.142 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion: 106 Resp: 291018
Ion Ratio Lower Upper
106 100
91 193.7 156.4 234.6

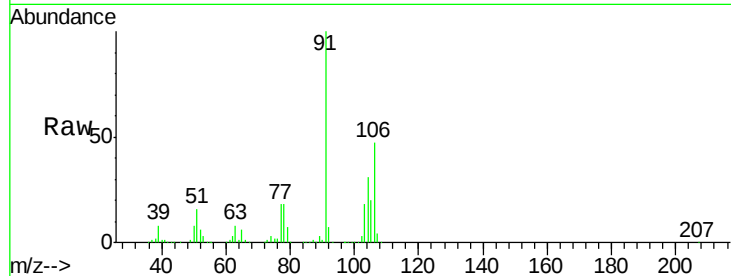




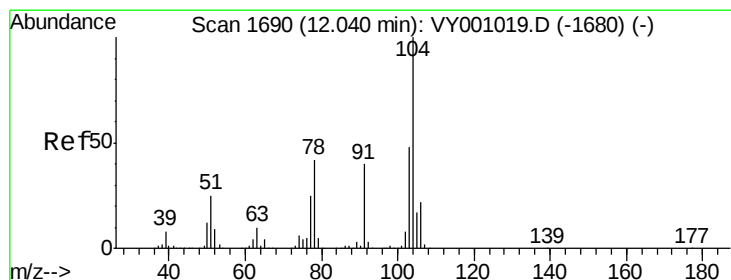
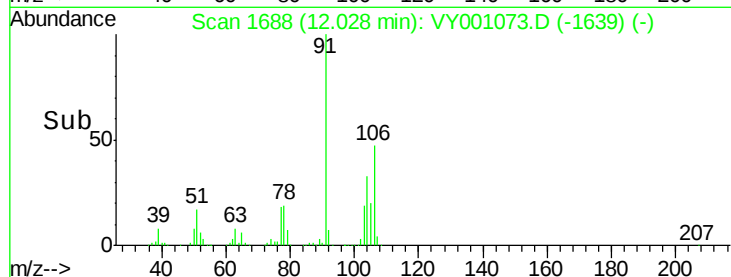
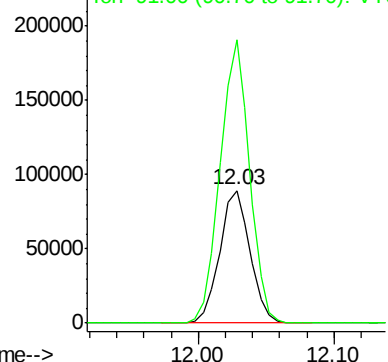
#69
o-Xylene
Concen: 50.420 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

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

Tgt Ion:106 Resp: 139236
Ion Ratio Lower Upper
106 100
91 207.4 103.0 309.0

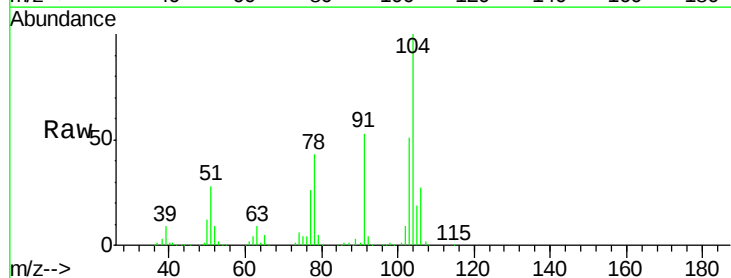


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

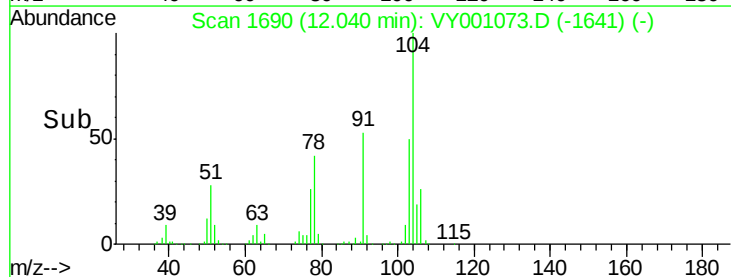
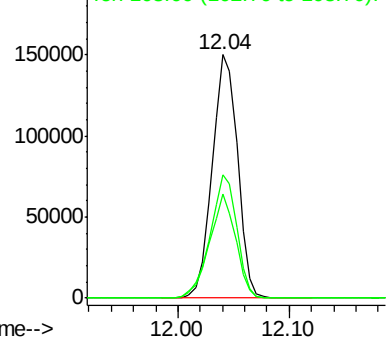


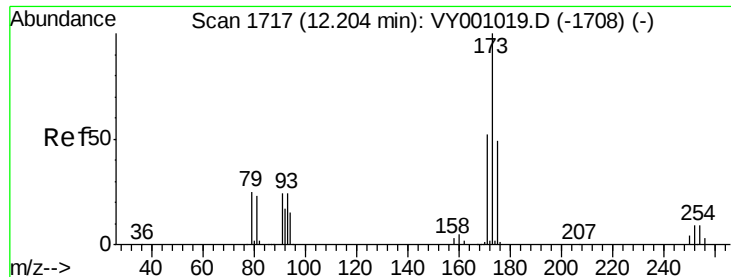
#70
Styrene
Concen: 50.138 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion:104 Resp: 235424
Ion Ratio Lower Upper
104 100
78 44.4 36.6 54.8
103 53.4 42.6 64.0



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





#71

Bromoform

Concen: 51.333 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

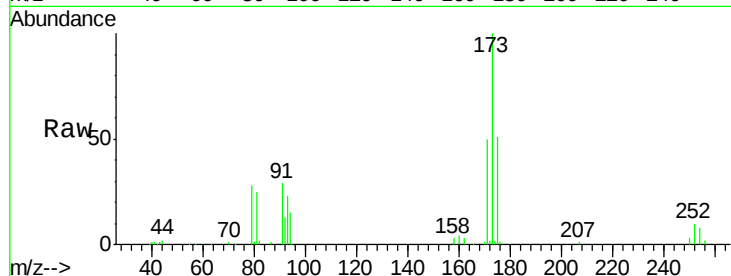
Tgt Ion:173 Resp: 40542

Ion Ratio Lower Upper

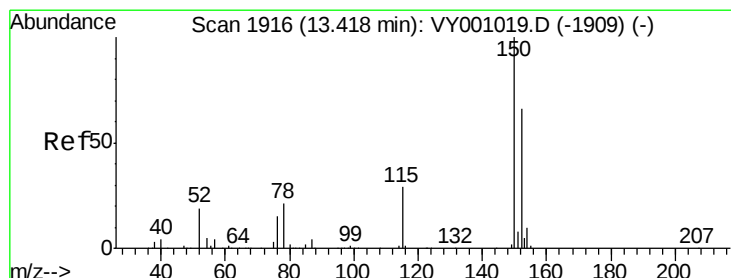
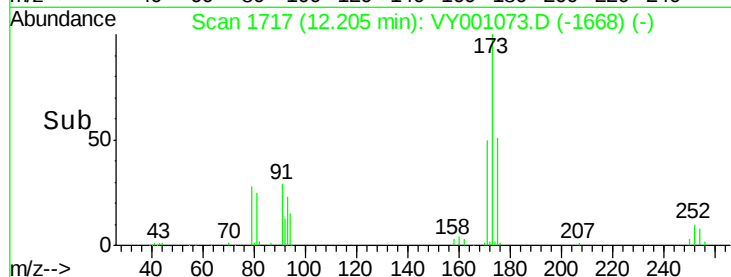
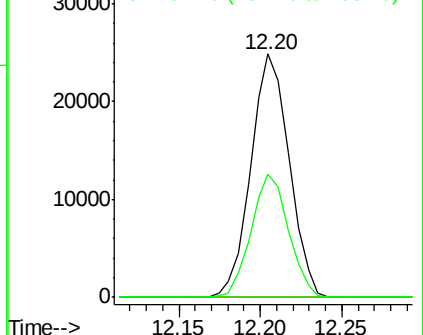
173 100

175 49.4 24.5 73.5

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

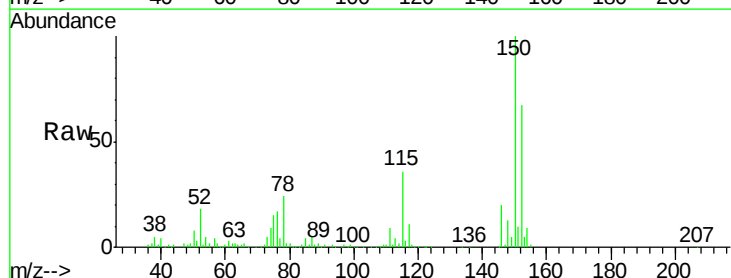
Tgt Ion:152 Resp: 94171

Ion Ratio Lower Upper

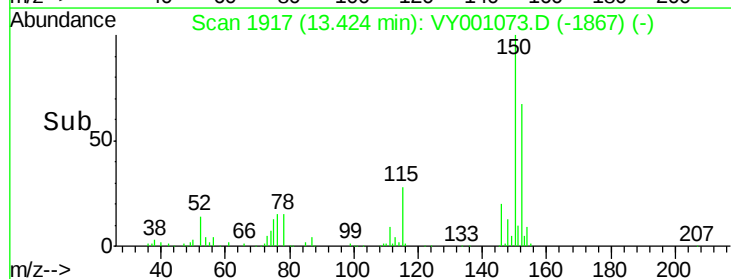
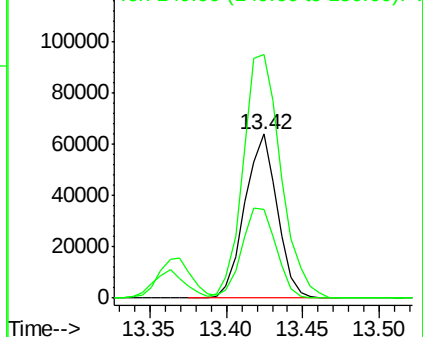
152 100

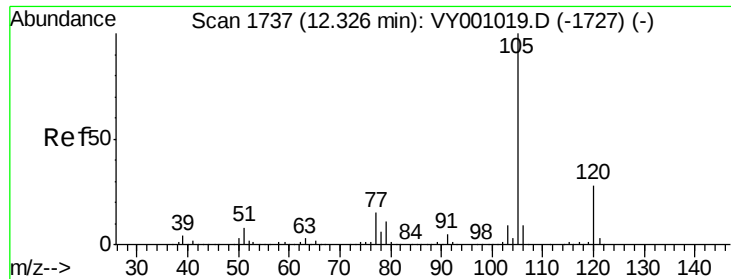
115 58.4 29.8 89.3

150 173.6 0.0 352.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.538 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

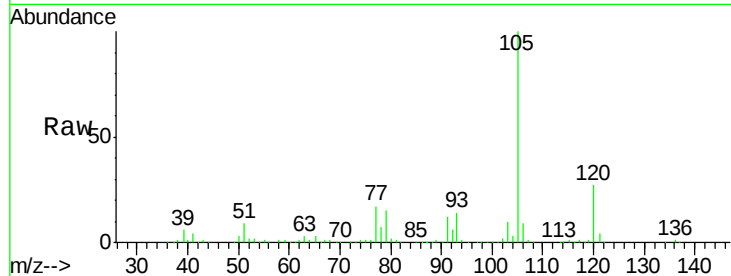
SB-2-(4-5)MS

Tgt Ion:105 Resp: 368289

Ion Ratio Lower Upper

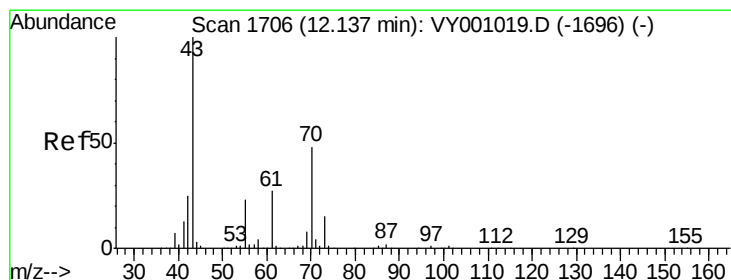
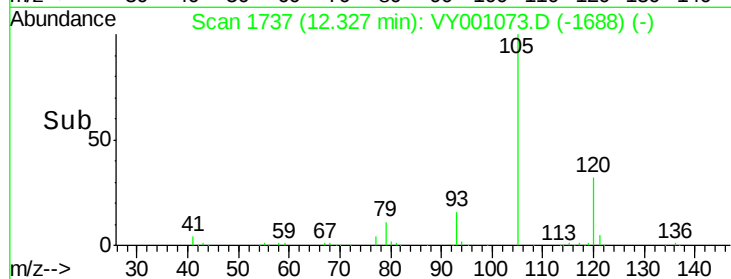
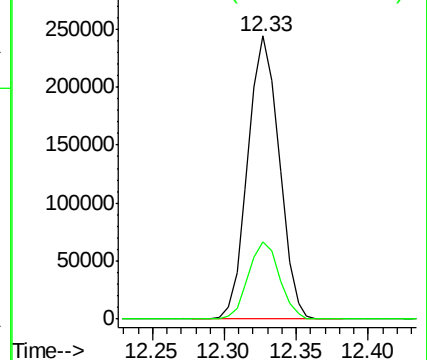
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 35.341 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Tgt Ion: 43 Resp: 67660

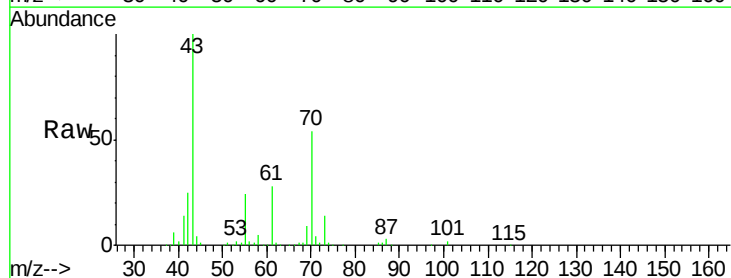
Ion Ratio Lower Upper

43 100

70 49.2 39.0 58.6

55 25.1 19.5 29.3

61 27.2 22.0 33.0

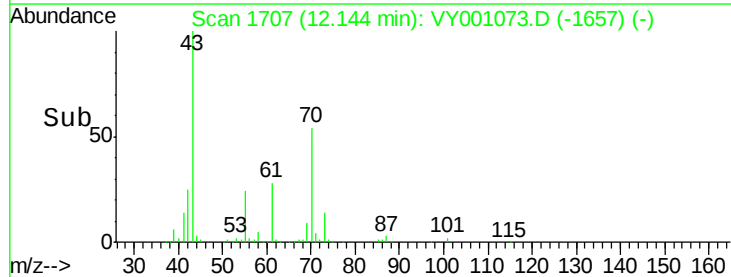
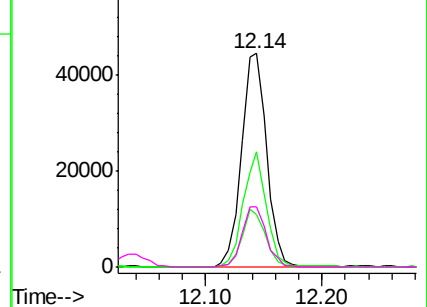


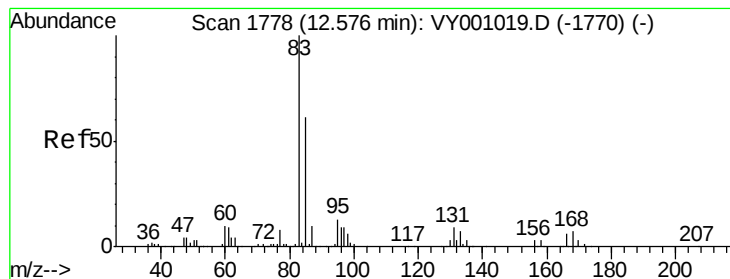
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.681 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

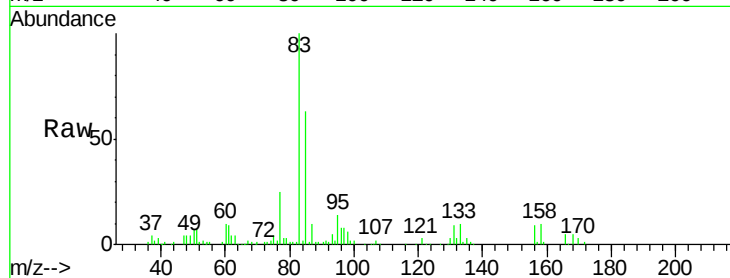
Tgt Ion: 83 Resp: 75630

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

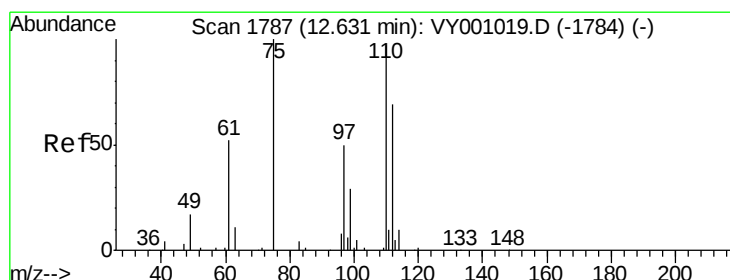
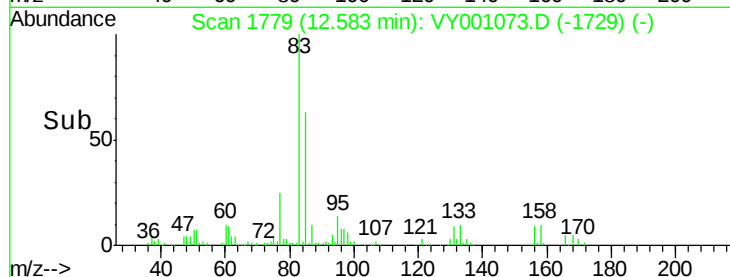
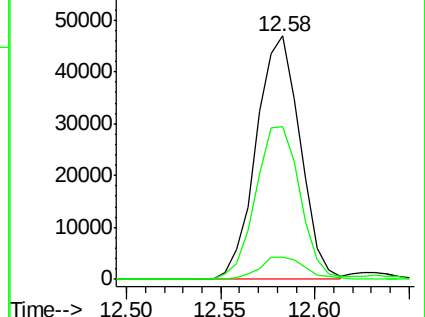
85 64.1 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VY001019.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY001019.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY001019.D (-1770) (-)



#76

1,2,3-Trichloropropane

Concen: 85.107 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001073.D

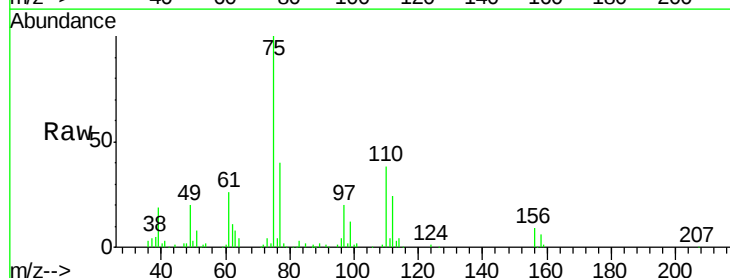
Acq: 26 Dec 2019 15:36

Tgt Ion: 75 Resp: 98804

Ion Ratio Lower Upper

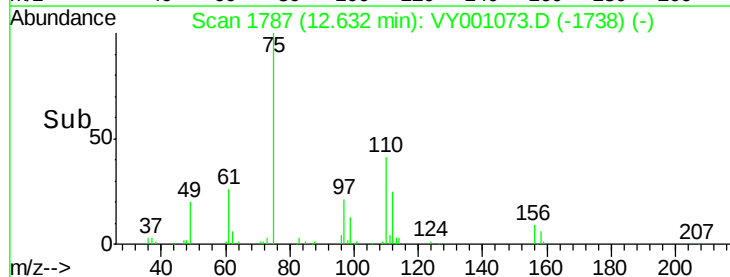
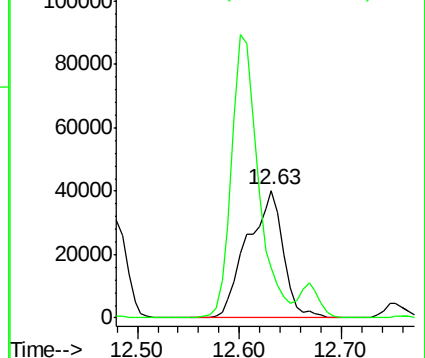
75 100

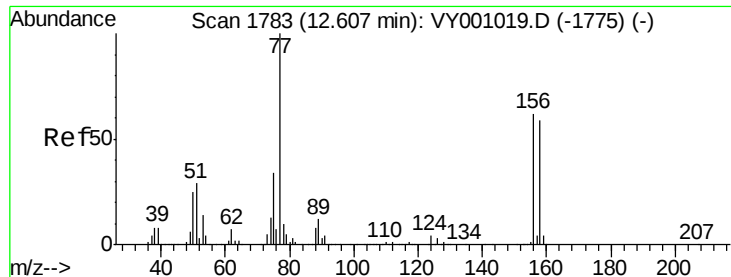
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001019.D (-1784) (-)

Ion 77.00 (76.70 to 77.70): VY001019.D (-1784) (-)





#77

Bromobenzene

Concen: 51.579 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

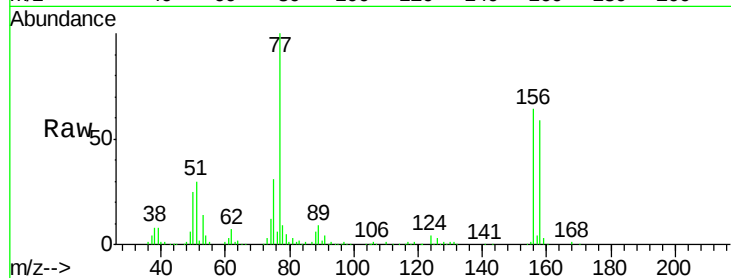
Tgt Ion:156 Resp: 84537

Ion Ratio Lower Upper

156 100

77 192.6 98.0 294.1

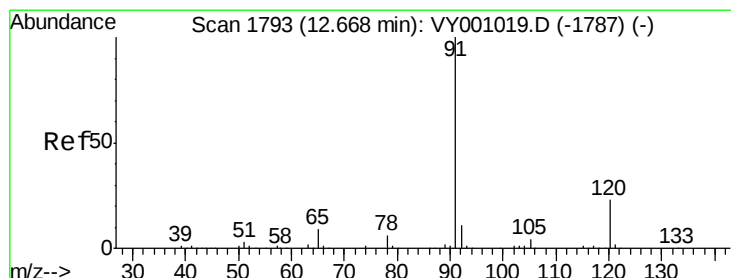
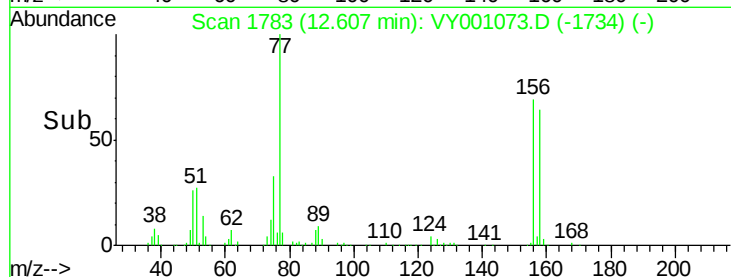
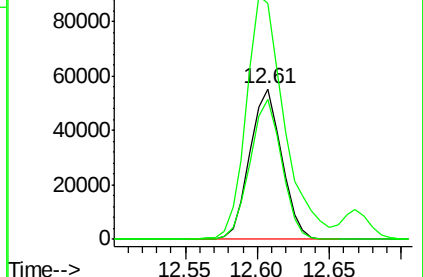
158 92.5 48.5 145.6



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: 49.432 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001073.D

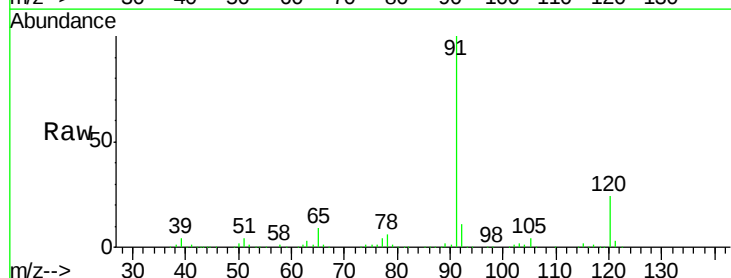
Acq: 26 Dec 2019 15:36

Tgt Ion: 91 Resp: 438940

Ion Ratio Lower Upper

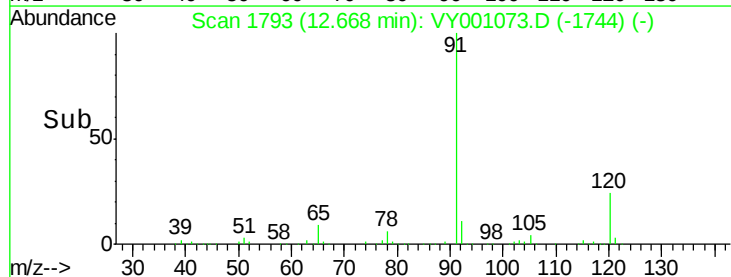
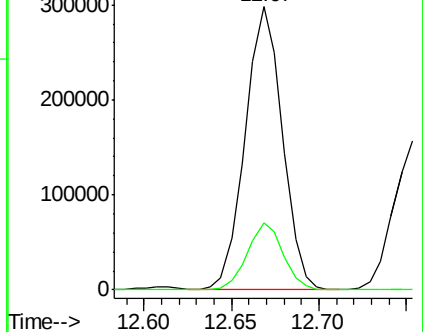
91 100

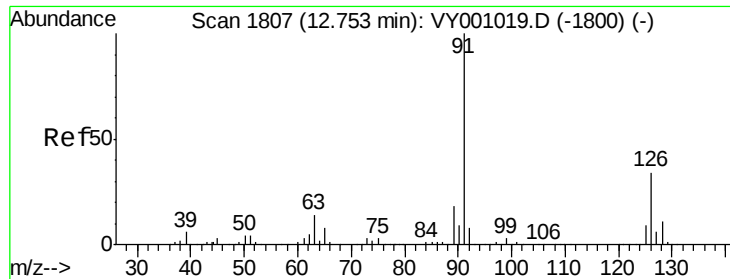
120 23.0 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.264 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

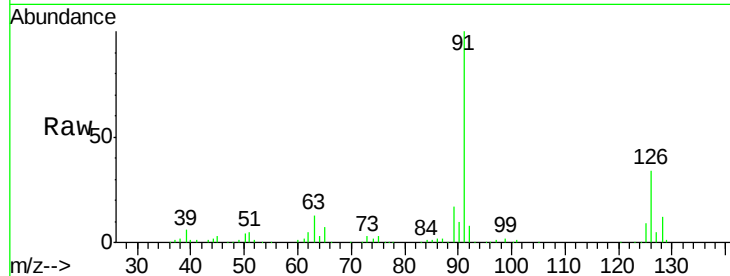
SB-2-(4-5)MS

Tgt Ion: 91 Resp: 236678

Ion Ratio Lower Upper

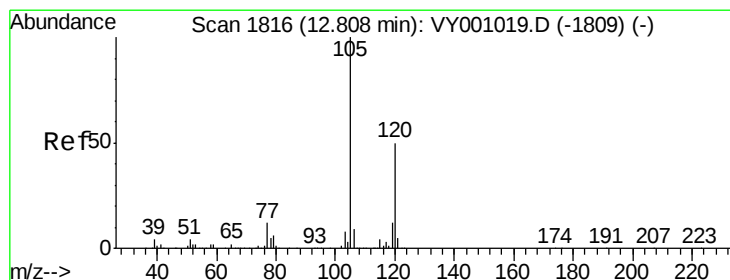
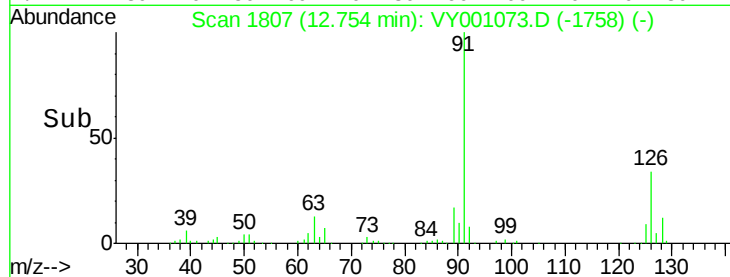
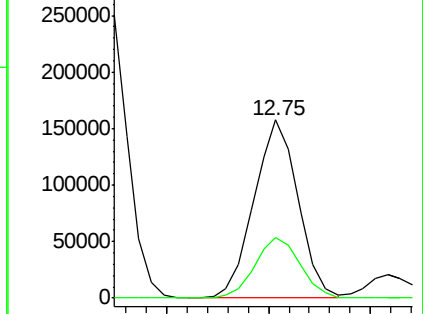
91 100

126 35.3 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VY001019.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY001019.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.601 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001073.D

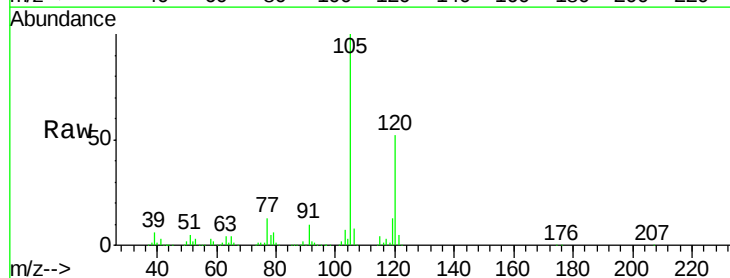
Acq: 26 Dec 2019 15:36

Tgt Ion: 105 Resp: 296289

Ion Ratio Lower Upper

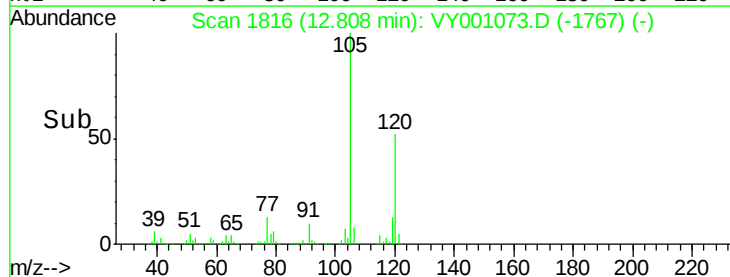
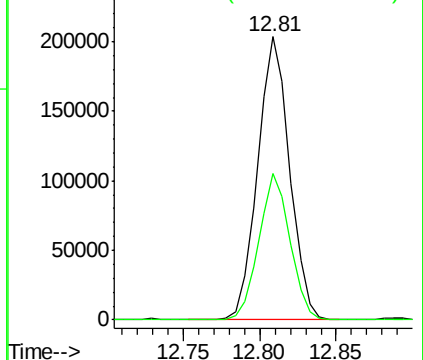
105 100

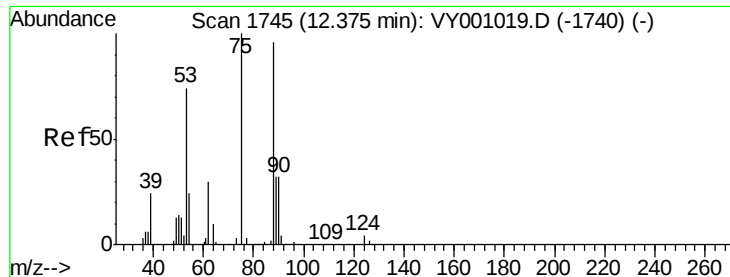
120 50.4 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VY001019.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY001019.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.240 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

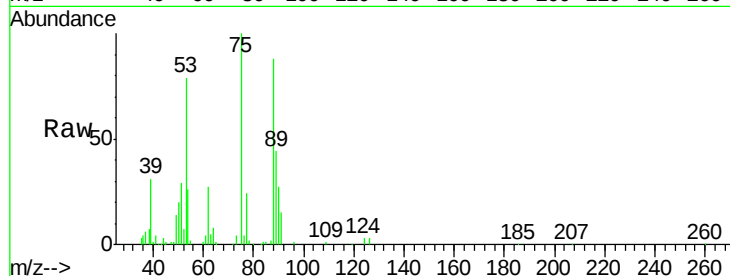
Tgt Ion: 75 Resp: 25170

Ion Ratio Lower Upper

75 100

53 82.0 60.6 91.0

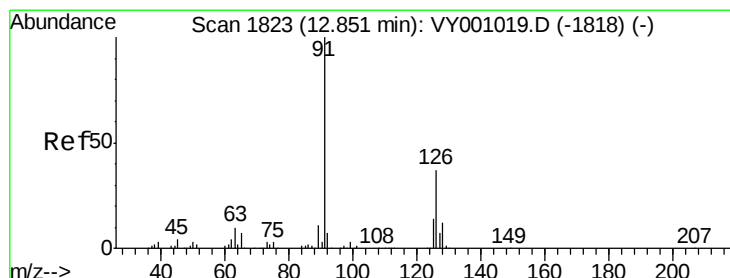
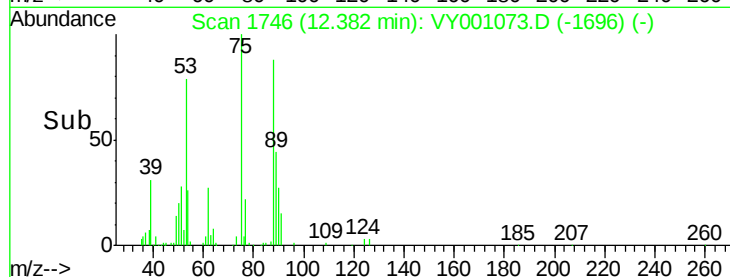
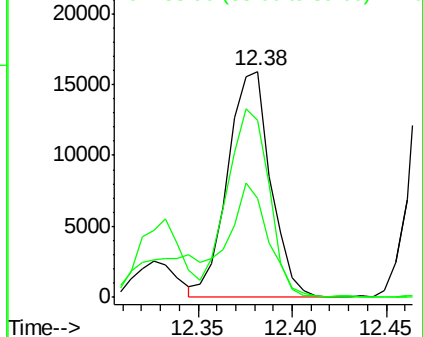
89 48.3 35.4 53.0



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: 51.384 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001073.D

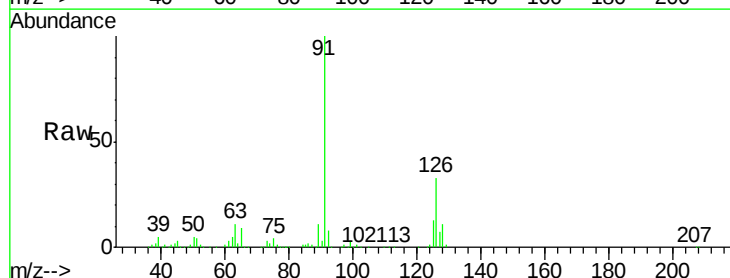
Acq: 26 Dec 2019 15:36

Tgt Ion: 91 Resp: 261719

Ion Ratio Lower Upper

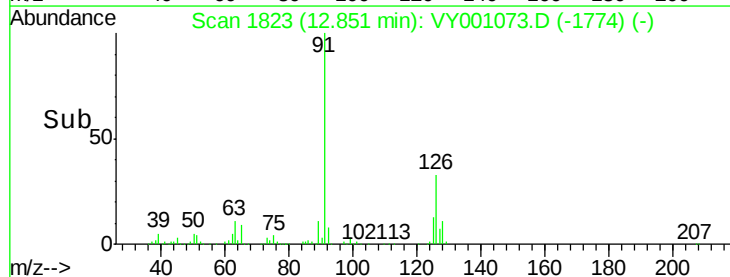
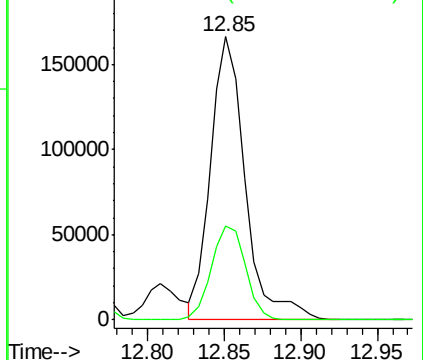
91 100

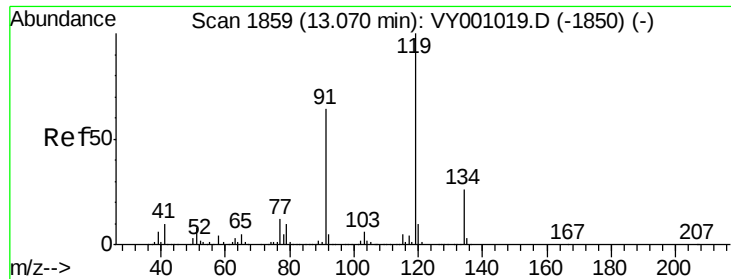
126 32.8 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

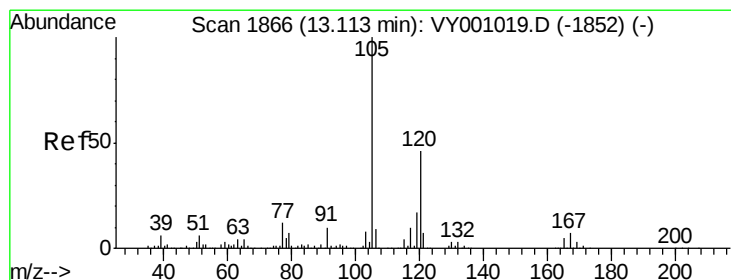
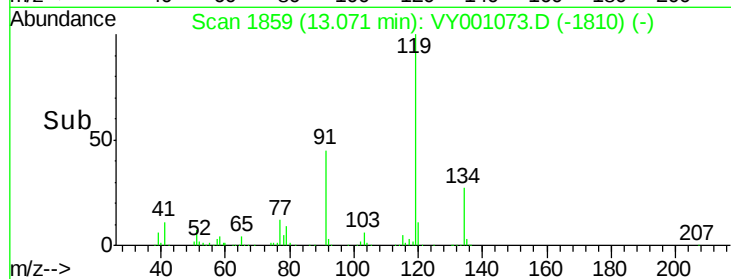
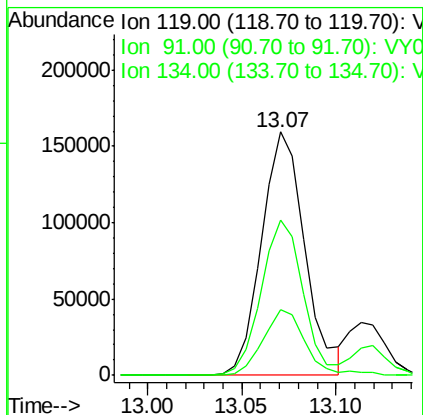
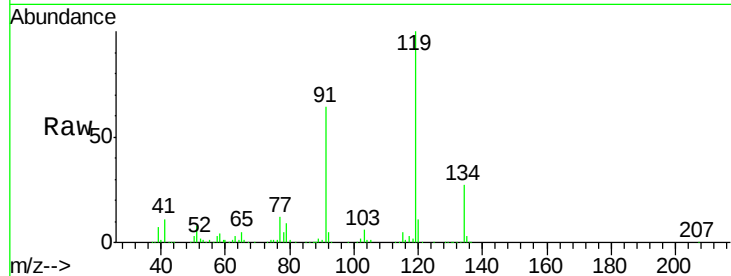




#83
 tert-Butylbenzene
 Concen: 50.699 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

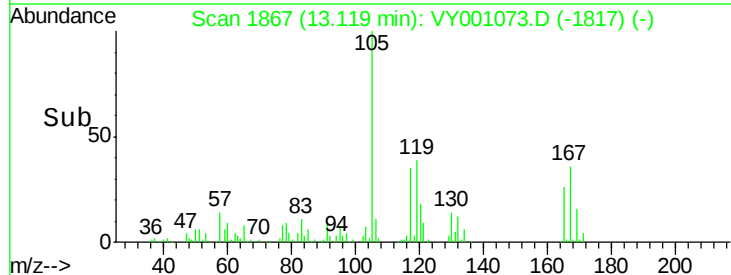
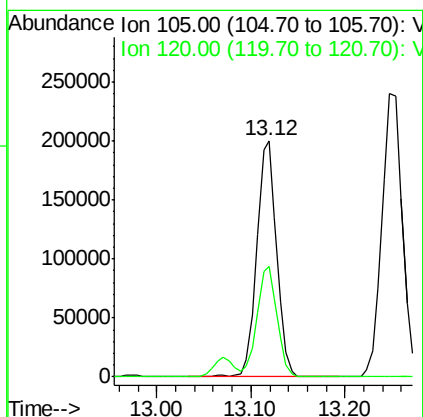
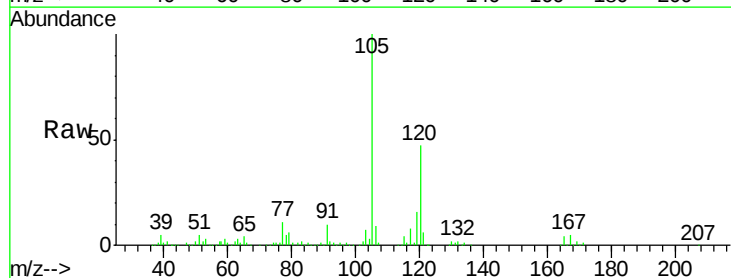
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

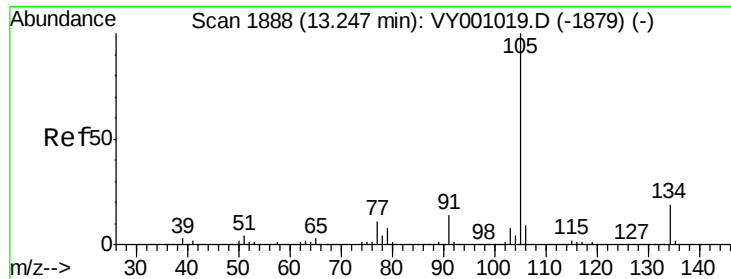
Tgt Ion:119 Resp: 254221
 Ion Ratio Lower Upper
 119 100
 91 61.6 31.9 95.7
 134 26.6 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 49.611 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion:105 Resp: 297794
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.2

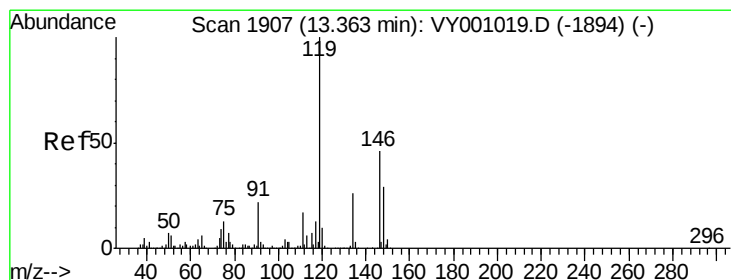
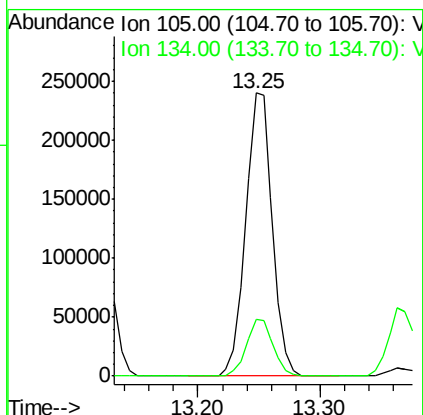
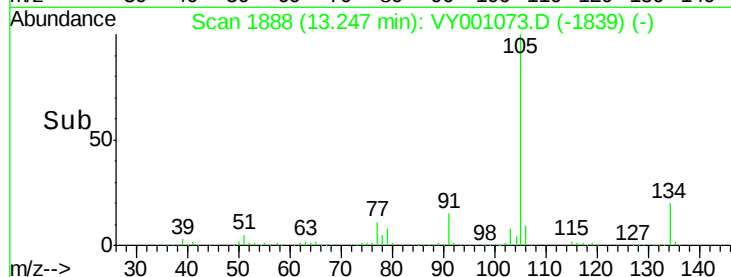
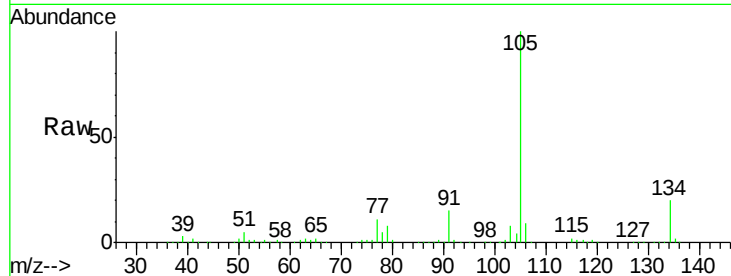




#85
 sec-Butylbenzene
 Concen: 49.029 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

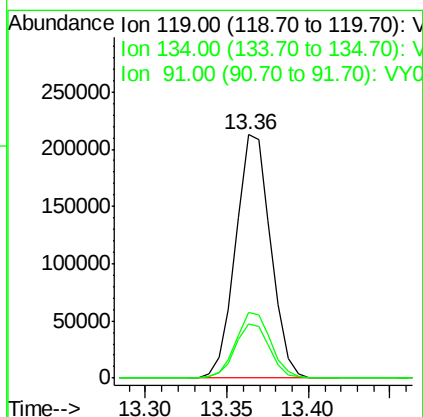
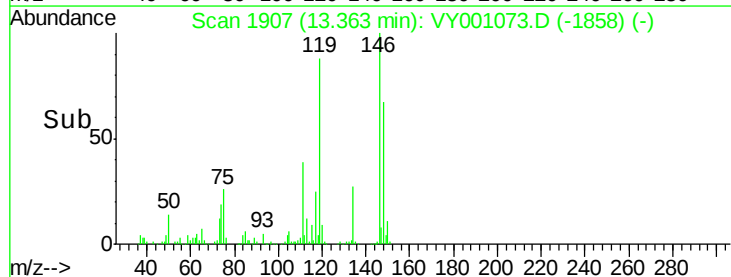
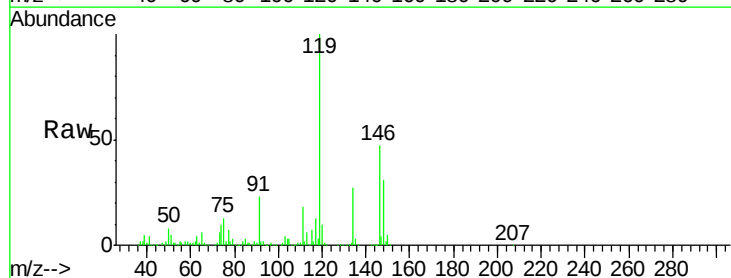
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

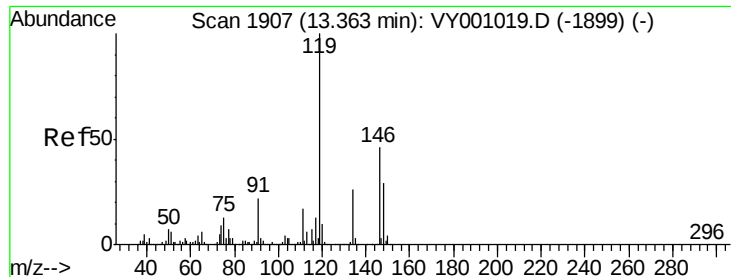
Tgt Ion:105 Resp: 362433
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 49.405 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion:119 Resp: 316014
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 22.1 11.4 34.1

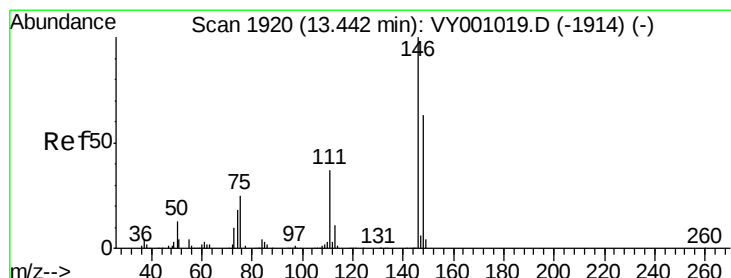
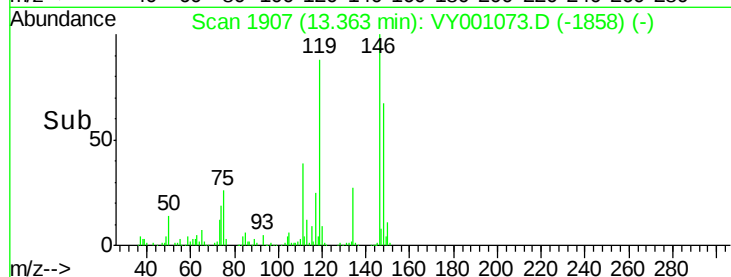
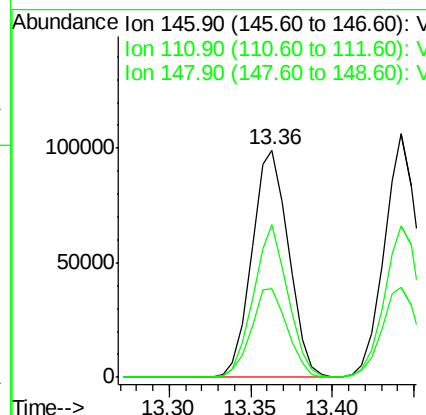
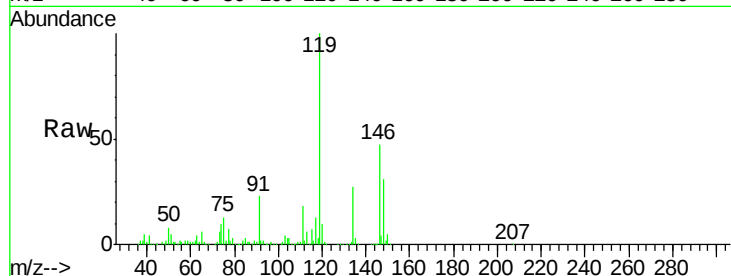




#87
 1,3-Dichlorobenzene
 Concen: 49.351 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

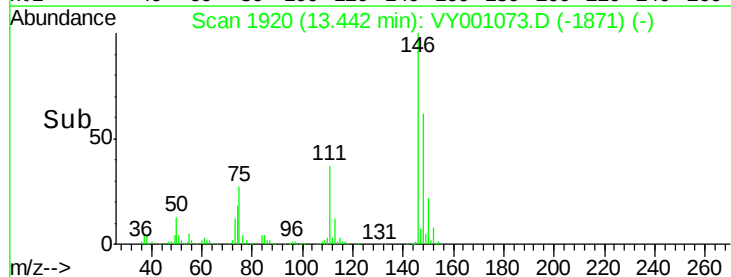
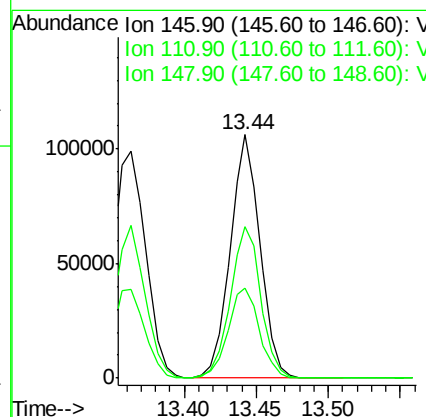
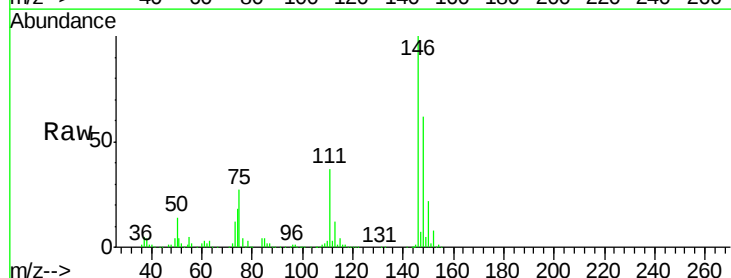
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

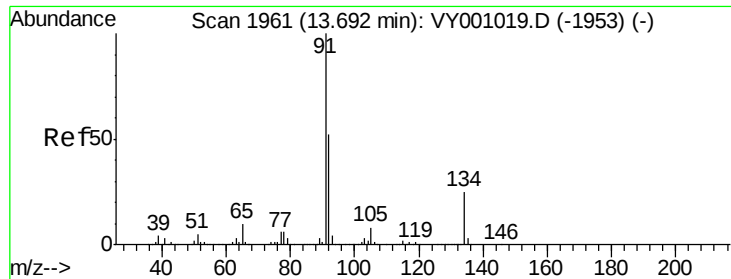
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.0
148	63.0	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.356 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.2
148	63.6	31.8	95.3

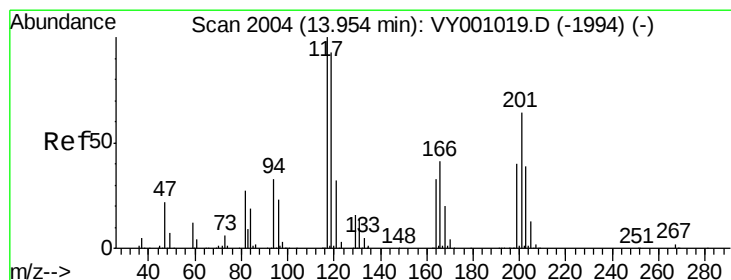
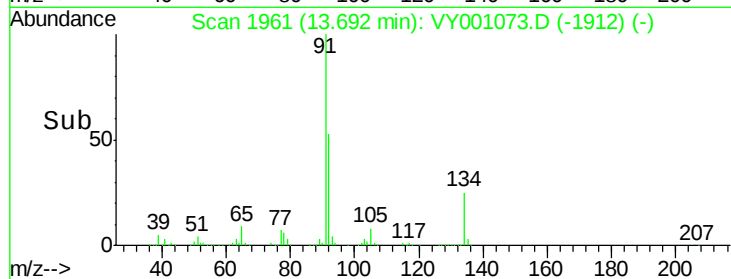
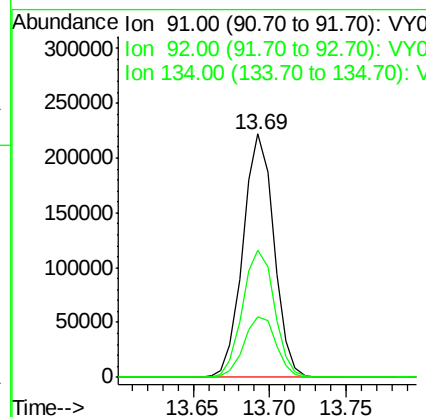
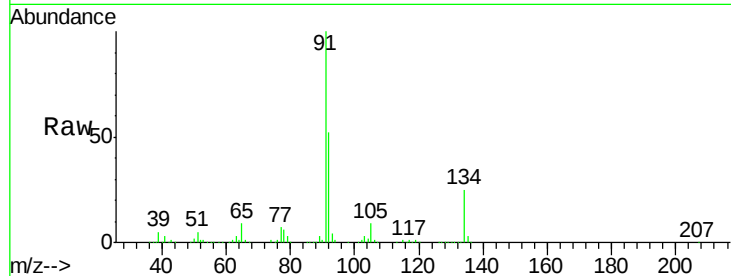




#89
n-Butylbenzene
Concen: 48.453 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

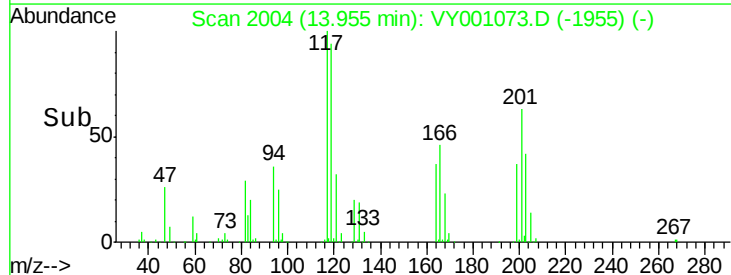
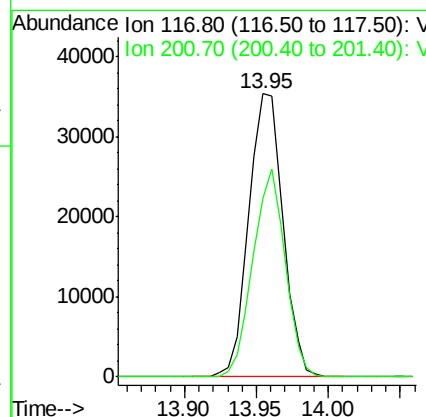
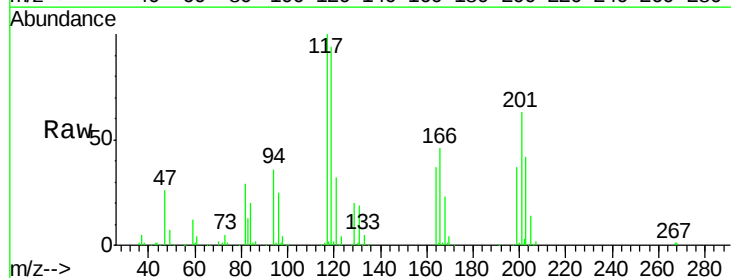
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

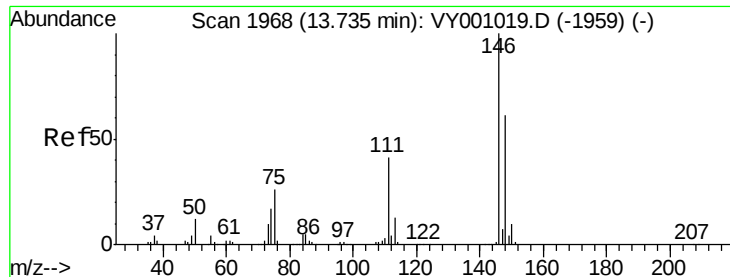
Tgt Ion: 91 Resp: 311820
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 26.0 12.7 38.0



#90
Hexachloroethane
Concen: 48.087 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion: 117 Resp: 57950
Ion Ratio Lower Upper
117 100
201 69.2 33.7 101.1





#91

1,2-Dichlorobenzene

Concen: 50.609 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

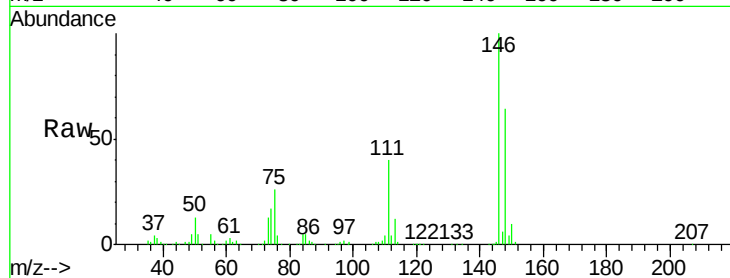
Tgt Ion:146 Resp: 146950

Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.9

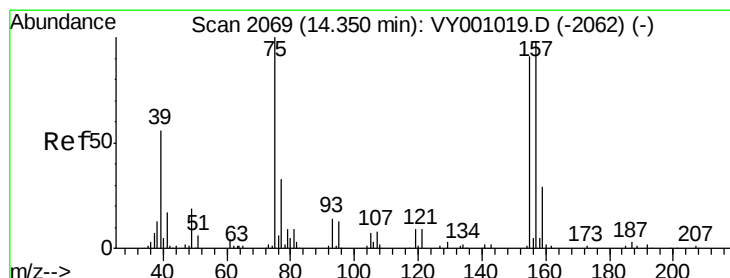
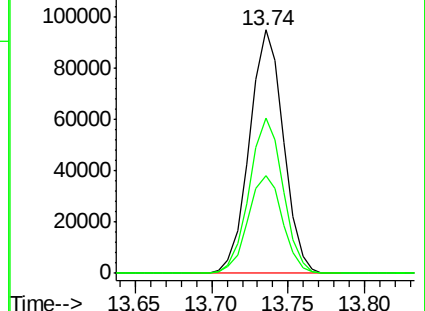
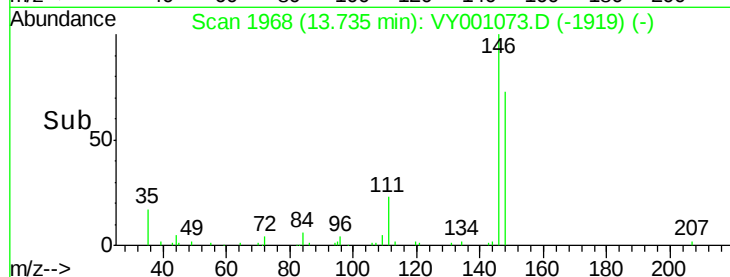
148 63.4 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.697 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

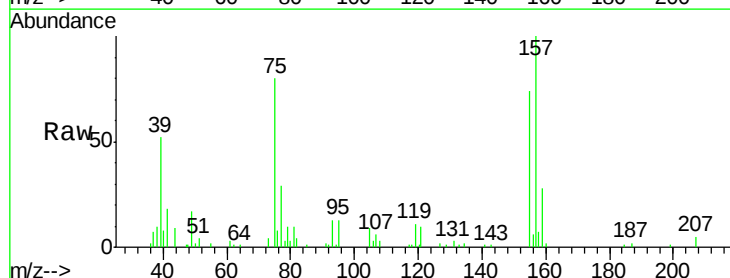
Tgt Ion: 75 Resp: 10976

Ion Ratio Lower Upper

75 100

155 94.3 46.3 138.9

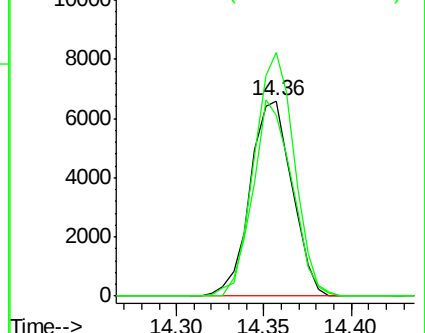
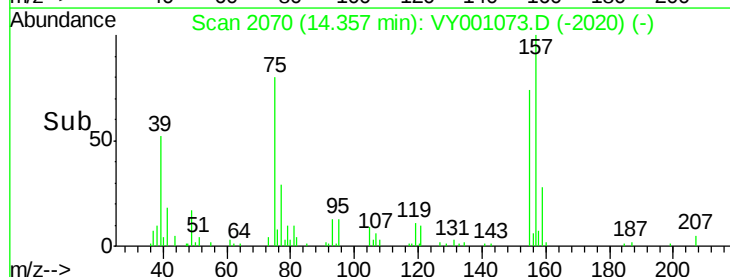
157 119.3 58.1 174.4

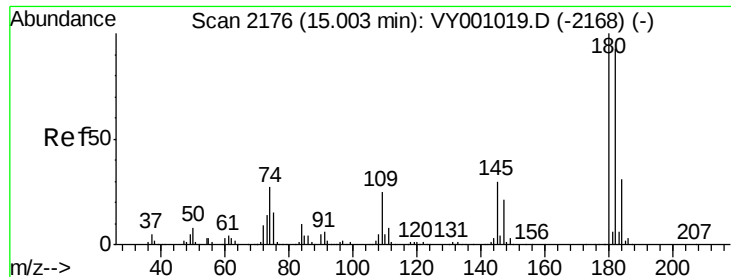


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

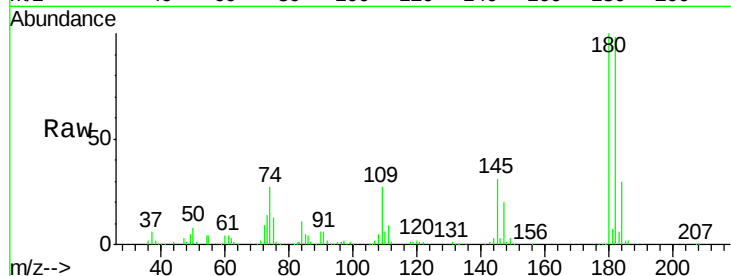




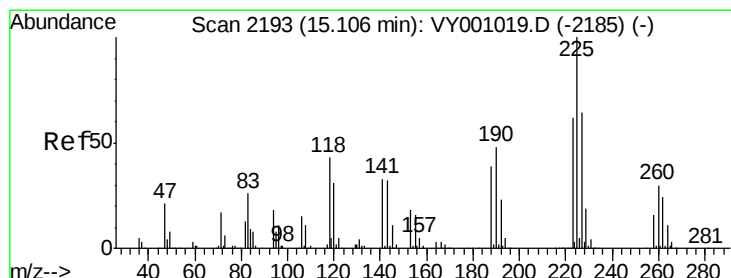
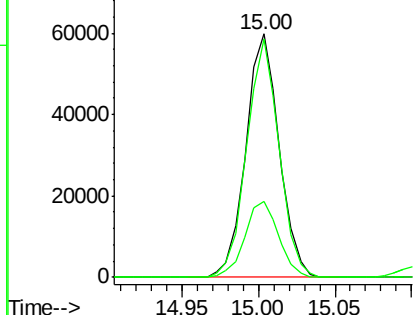
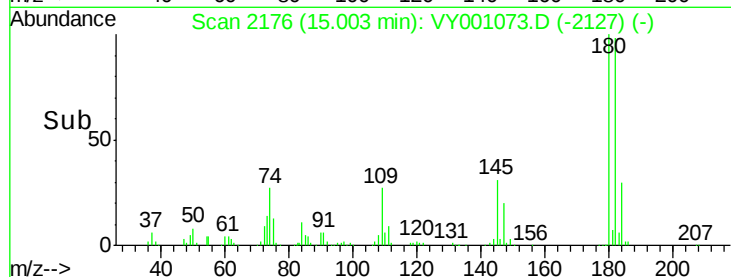
#93
 1,2,4-Trichlorobenzene
 Concen: 46.217 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

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

Tgt Ion:180 Resp: 90582
 Ion Ratio Lower Upper
 180 100
 182 94.9 46.8 140.3
 145 31.4 15.3 45.9

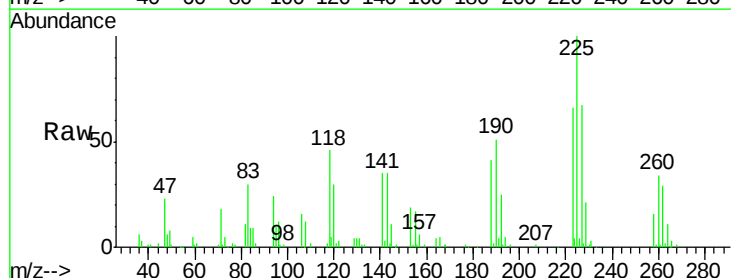


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

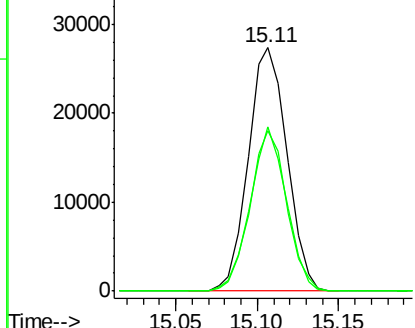
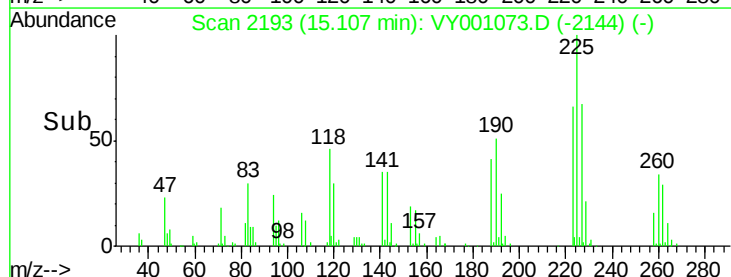


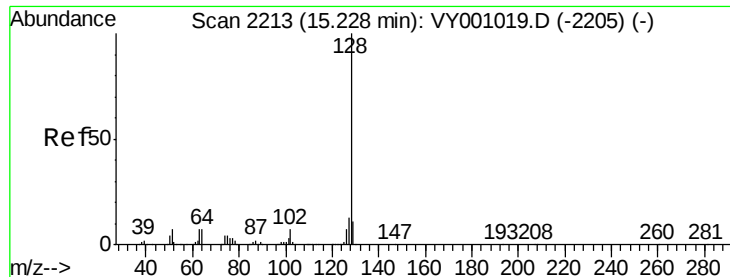
#94
 Hexachlorobutadiene
 Concen: 48.399 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion:225 Resp: 45140
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.6 94.8
 227 62.5 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

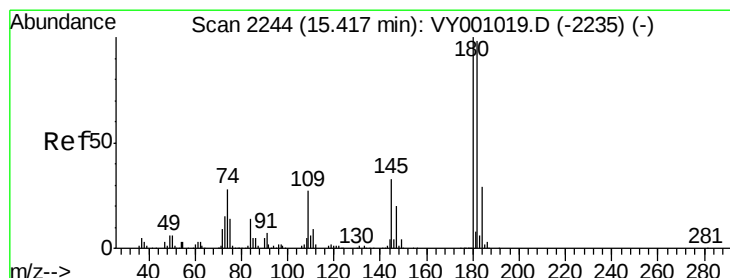
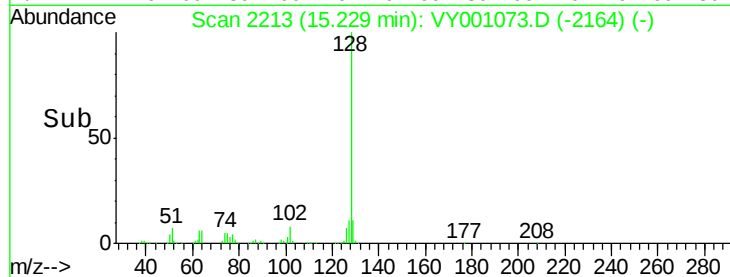
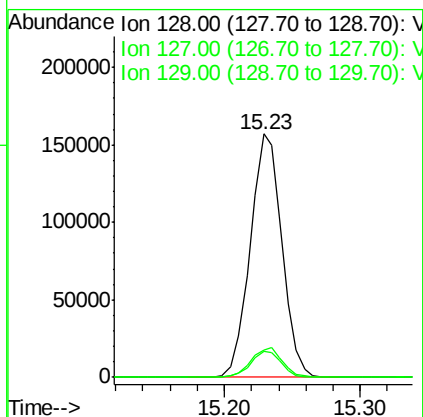
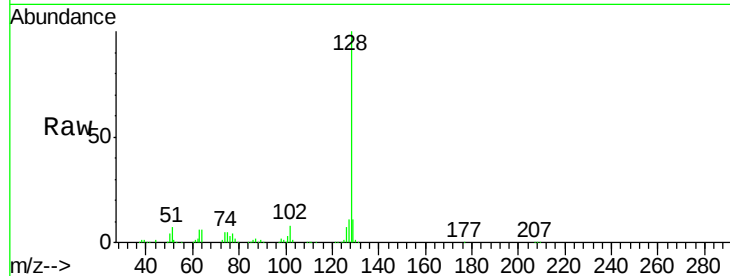




#95
Naphthalene
Concen: 55.600 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.9	14.9
129	10.5	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.343 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.8
145	33.2	16.3	48.9

