

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122619\
 Data File : VY001074.D
 Acq On : 26 Dec 2019 15:58
 Operator : SY/MD
 Sample : K6431-10MS
 Misc : 7.33G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Dec 27 02:11:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	241596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	435883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	382563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175183	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	121712	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
35) Dibromofluoromethane	7.73	113	130895	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	10.18	98	546496	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
62) 4-Bromofluorobenzene	12.48	95	177384	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	94660	44.965 ug/l	100
3) Chloromethane	2.12	50	116559	40.681 ug/l	95
4) Vinyl Chloride	2.26	62	119503	42.948 ug/l	97
5) Bromomethane	2.65	94	79252	44.864 ug/l	97
6) Chloroethane	2.80	64	79312	45.764 ug/l	93
7) Trichlorofluoromethane	3.13	101	191052	46.813 ug/l	94
8) Diethyl Ether	3.54	74	78699	47.240 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	132766	49.524 ug/l	99
10) Methyl Iodide	4.10	142	163238	44.071 ug/l	98
11) Tert butyl alcohol	4.97	59	54878	209.460 ug/l	97
12) 1,1-Dichloroethene	3.88	96	128983	47.523 ug/l	99
13) Acrolein	3.74	56	44542	137.212 ug/l	99
14) Allyl chloride	4.49	41	196618	46.632 ug/l	98
15) Acrylonitrile	5.18	53	193721	232.671 ug/l	99
16) Acetone	3.96	43	126328	230.133 ug/l	94
17) Carbon Disulfide	4.20	76	346072	39.020 ug/l	99
18) Methyl Acetate	4.49	43	147968	70.260 ug/l	98
19) Methyl tert-butyl Ether	5.24	73	347182	49.561 ug/l	94
20) Methylene Chloride	4.72	84	158869	49.169 ug/l	89
21) trans-1,2-Dichloroethene	5.23	96	146011	48.542 ug/l	97
22) Diisopropyl ether	6.13	45	429630	50.412 ug/l	97
23) Vinyl Acetate	6.07	43	996234	185.094 ug/l	98
24) 1,1-Dichloroethane	6.04	63	254828	50.598 ug/l	99
25) 2-Butanone	7.00	43	213111	220.992 ug/l	100
26) 2,2-Dichloropropane	6.99	77	194977	47.121 ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	169470	51.282 ug/l	97
28) Bromochloromethane	7.35	49	111455	56.718 ug/l	95
29) Tetrahydrofuran	7.36	42	150696	219.687 ug/l	99
30) Chloroform	7.52	83	250433	52.586 ug/l	97
31) Cyclohexane	7.80	56	227674	42.990 ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	201706	49.651 ug/l	99
36) 1,1-Dichloropropene	7.93	75	195130	46.926 ug/l	99
37) Ethyl Acetate	7.08	43	87562	38.029 ug/l	98
38) Carbon Tetrachloride	7.91	117	176673	48.493 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	249870	45.250	ug/l	96
40) Benzene	8.17	78	617015	49.184	ug/l	99
41) Methacrylonitrile	7.35	41	128143	128.368	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	142820	47.618	ug/l	99
43) Isopropyl Acetate	8.28	43	179449	42.102	ug/l	97
44) Trichloroethene	8.94	130	158585	47.978	ug/l	99
45) 1,2-Dichloropropane	9.22	63	156227	49.641	ug/l	96
46) Dibromomethane	9.31	93	77395	47.707	ug/l	97
47) Bromodichloromethane	9.50	83	189057	50.310	ug/l	99
48) Methyl methacrylate	9.30	41	85280	46.886	ug/l	95
49) 1,4-Dioxane	9.30	88	22310	940.097	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	490059	220.592	ug/l	98
52) Toluene	10.24	92	383219	49.631	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	199454	48.906	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	237177	48.364	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	118195	48.802	ug/l	97
56) Ethyl methacrylate	10.51	69	151669	44.001	ug/l	96
57) 1,3-Dichloropropane	10.79	76	205313	48.364	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	297329	223.330	ug/l	99
59) 2-Hexanone	10.83	43	335632	218.341	ug/l	97
60) Dibromochloromethane	10.99	129	130137	50.304	ug/l	99
61) 1,2-Dibromoethane	11.09	107	113999	49.223	ug/l	98
64) Tetrachloroethene	10.72	164	156701	47.341	ug/l	98
65) Chlorobenzene	11.52	112	403921	50.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	135491	51.739	ug/l	100
67) Ethyl Benzene	11.59	91	727064	50.938	ug/l	100
68) m/p-Xylenes	11.70	106	556244	102.636	ug/l	98
69) o-Xylene	12.03	106	268130	52.589	ug/l	98
70) Styrene	12.04	104	451116	52.036	ug/l	99
71) Bromoform	12.20	173	74092	50.812	ug/l #	99
73) Isopropylbenzene	12.33	105	732493	54.033	ug/l	99
74) N-amyl acetate	12.14	43	140964	39.581	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	133884	50.132	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	174260	80.689	ug/l #	100
77) Bromobenzene	12.61	156	153805	50.446	ug/l	99
78) n-propylbenzene	12.67	91	835113	50.556	ug/l	99
79) 2-Chlorotoluene	12.75	91	453823	49.749	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	572513	51.521	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	45902	45.331	ug/l	97
82) 4-Chlorotoluene	12.85	91	421707	44.507	ug/l	92
83) tert-Butylbenzene	13.07	119	481581	51.628	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	568547	50.916	ug/l	99
85) sec-Butylbenzene	13.25	105	698155	50.769	ug/l	99
86) p-Isopropyltoluene	13.36	119	627150	52.706	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	296943	50.710	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	299618	50.722	ug/l	99
89) n-Butylbenzene	13.69	91	599101	50.043	ug/l	99
90) Hexachloroethane	13.95	117	117063	52.218	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	274854	50.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	19392	43.400	ug/l	91

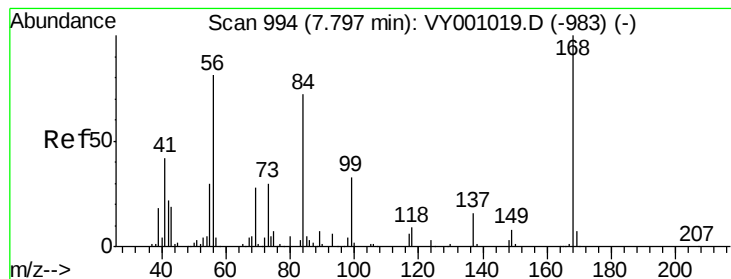
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	182281	49.995	ug/l	100
94) Hexachlorobutadiene	15.11	225	88600	51.067	ug/l	99
95) Naphthalene	15.23	128	430285	50.183	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	162181	49.880	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

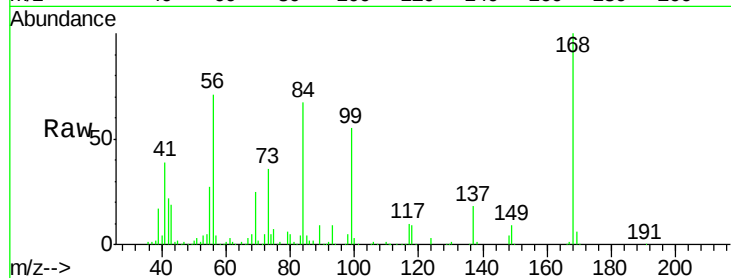
SB-2-(4-5)MSD

Tgt Ion:168 Resp: 241596

Ion Ratio Lower Upper

168 100

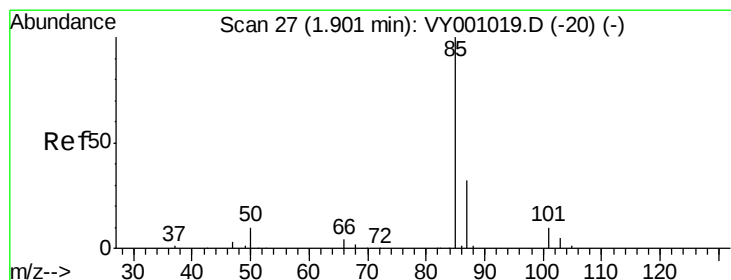
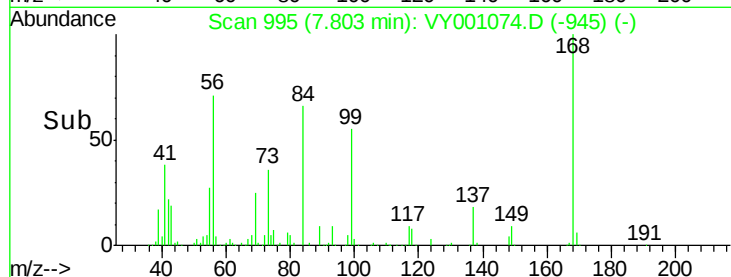
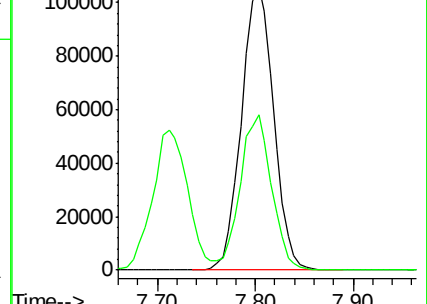
99 54.8 44.0 66.0



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

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

7.80



#2

Dichlorodifluoromethane

Concen: 44.965 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001074.D

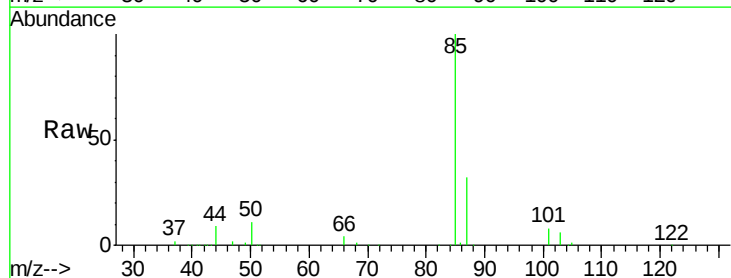
Acq: 26 Dec 2019 15:58

Tgt Ion: 85 Resp: 94660

Ion Ratio Lower Upper

85 100

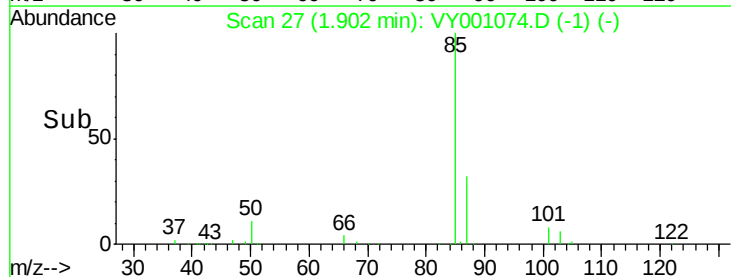
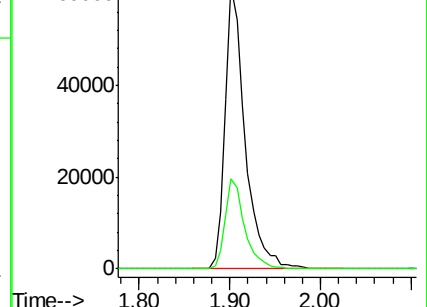
87 31.8 15.9 47.7

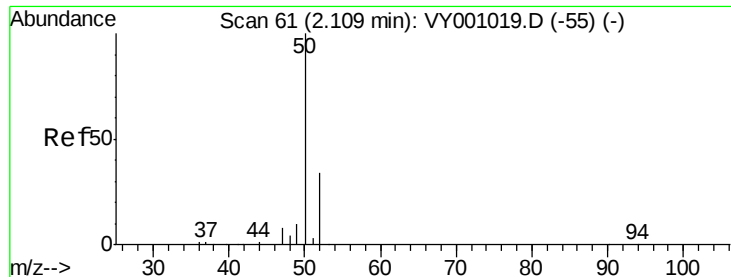


Abundance Ion 84.90 (84.60 to 85.60): VY001019.D (-20) (-)

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

1.90





#3

Chloromethane

Concen: 40.681 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

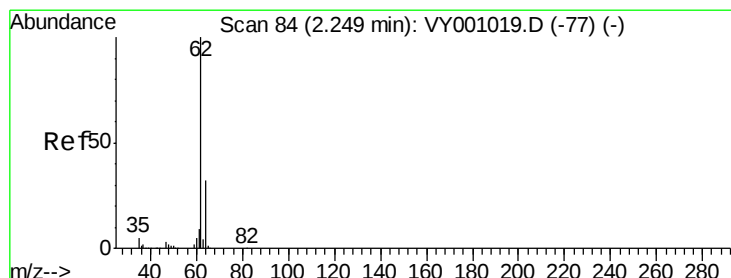
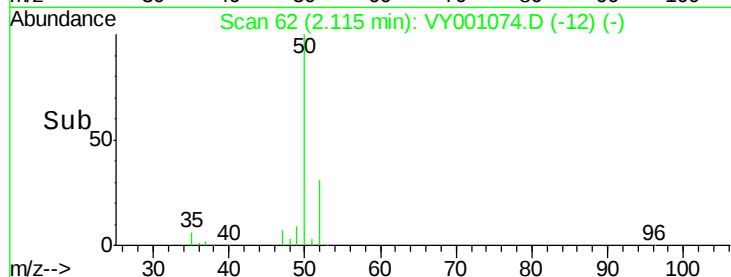
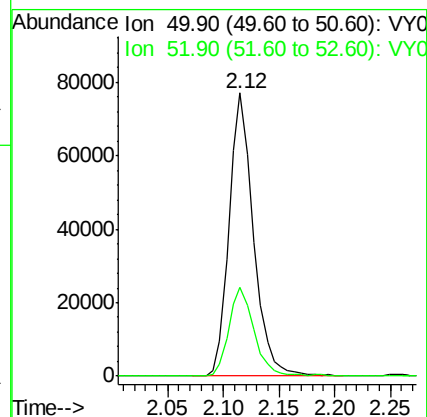
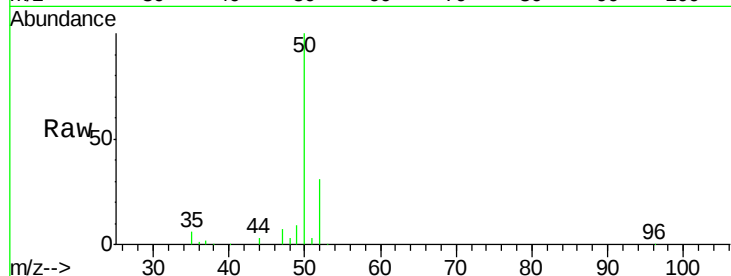
SB-2-(4-5)MSD

Tgt Ion: 50 Resp: 116559

Ion Ratio Lower Upper

50 100

52 31.3 27.1 40.7



#4

Vinyl Chloride

Concen: 42.948 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001074.D

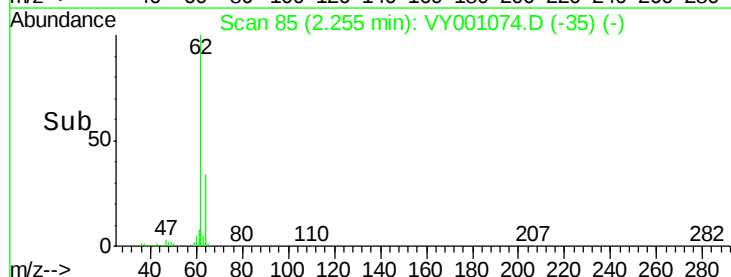
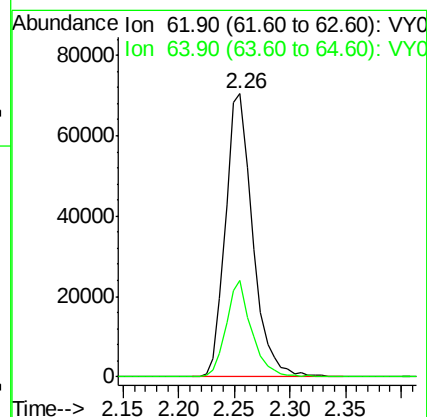
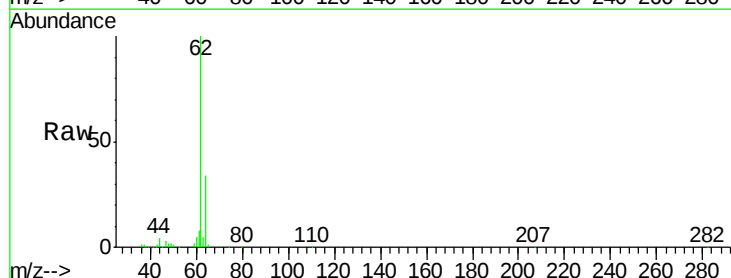
Acq: 26 Dec 2019 15:58

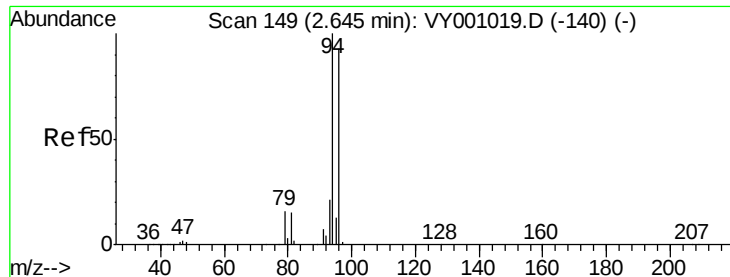
Tgt Ion: 62 Resp: 119503

Ion Ratio Lower Upper

62 100

64 33.9 25.6 38.4





#5

Bromomethane

Concen: 44.864 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

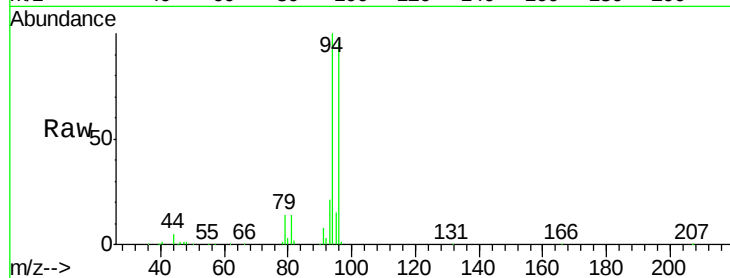
SB-2-(4-5)MSD

Tgt Ion: 94 Resp: 79252

Ion Ratio Lower Upper

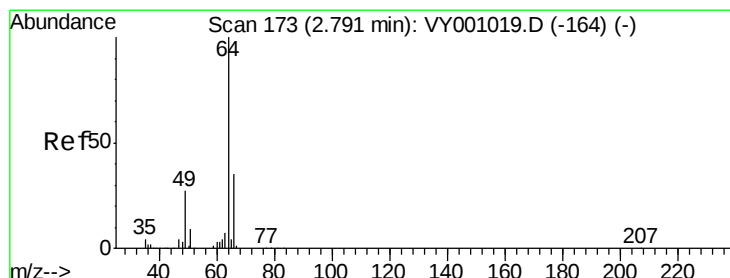
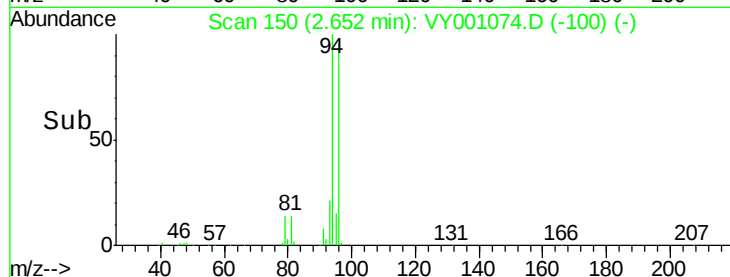
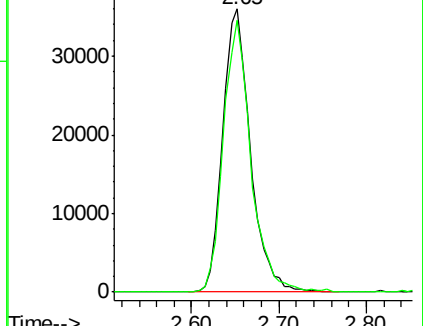
94 100

96 95.7 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VY001019.D (-140) (-)

Ion 95.90 (95.60 to 96.60): VY001019.D (-140) (-)



#6

Chloroethane

Concen: 45.764 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY001074.D

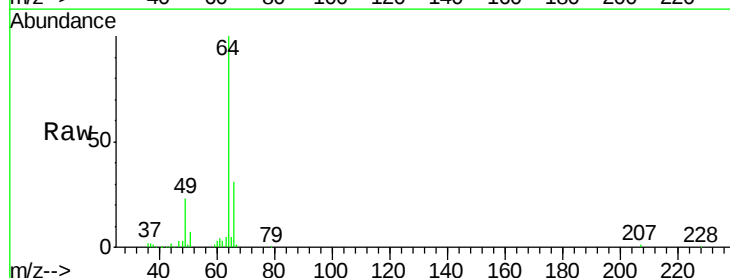
Acq: 26 Dec 2019 15:58

Tgt Ion: 64 Resp: 79312

Ion Ratio Lower Upper

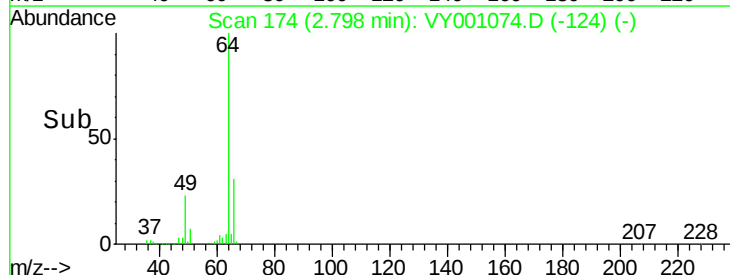
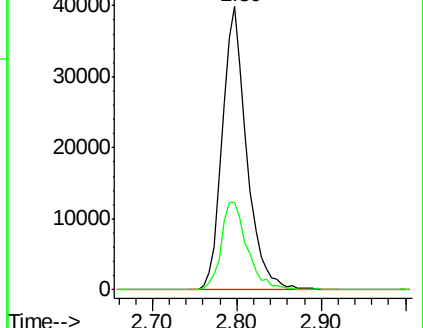
64 100

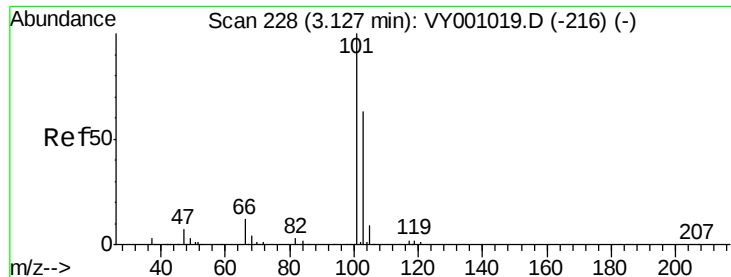
66 30.9 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY001019.D (-164) (-)

Ion 65.90 (65.60 to 66.60): VY001019.D (-164) (-)



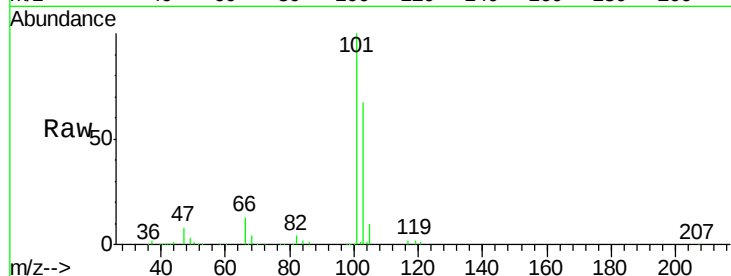


#7

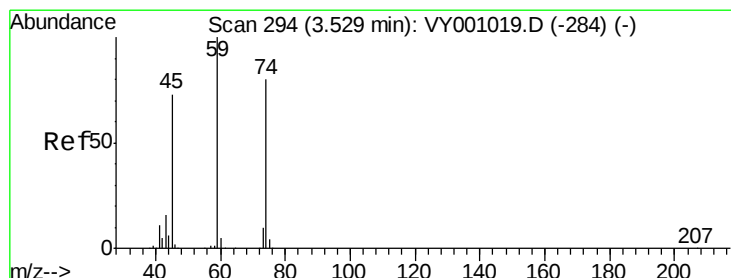
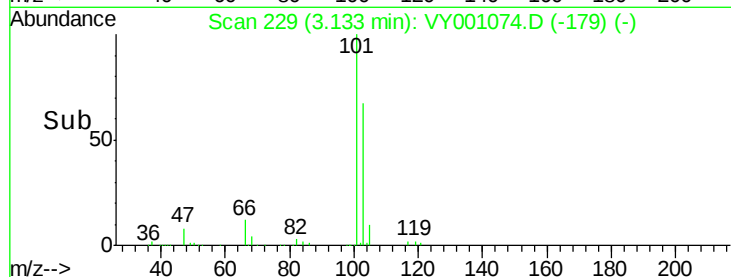
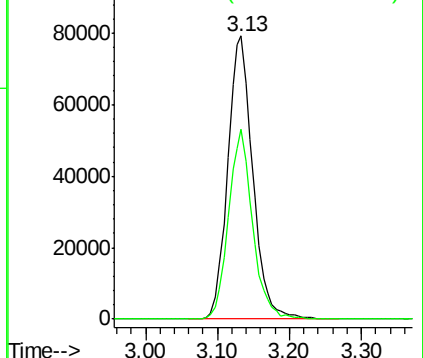
Trichlorofluoromethane
Concen: 46.813 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

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Tgt Ion:101 Resp: 191052
Ion Ratio Lower Upper
101 100
103 67.1 50.2 75.2



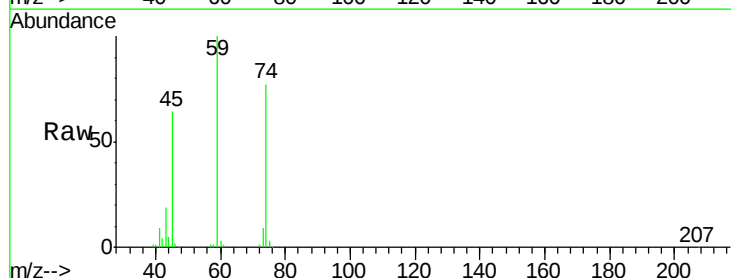
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



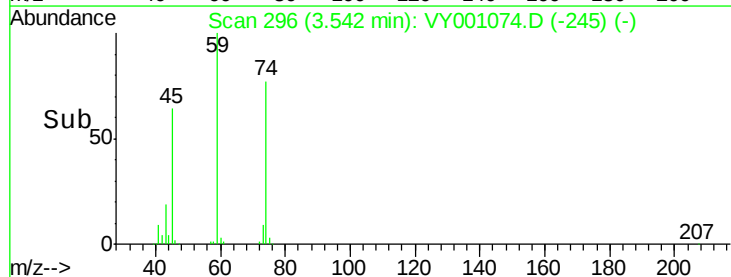
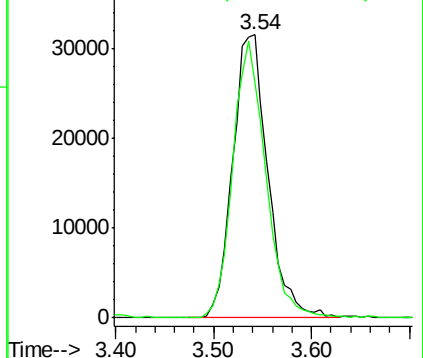
#8

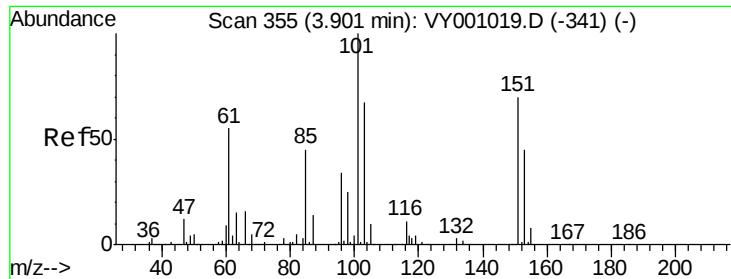
Diethyl Ether
Concen: 47.240 ug/l
RT: 3.54 min Scan# 296
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 74 Resp: 78699
Ion Ratio Lower Upper
74 100
45 91.8 46.4 139.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.524 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

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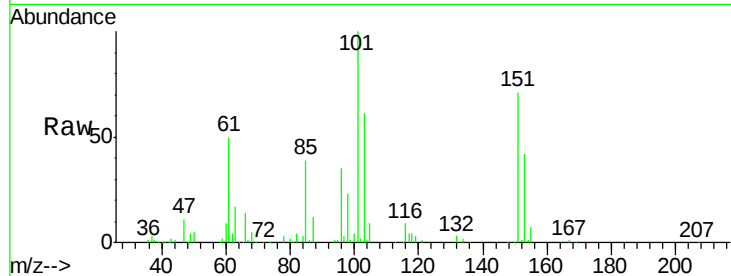
Tgt Ion:101 Resp: 132766

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.2

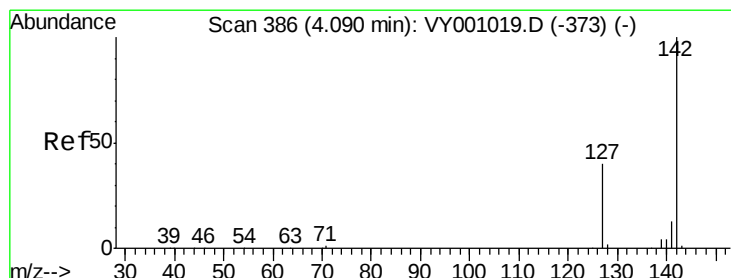
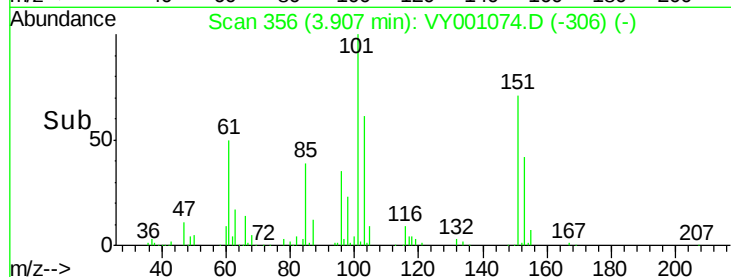
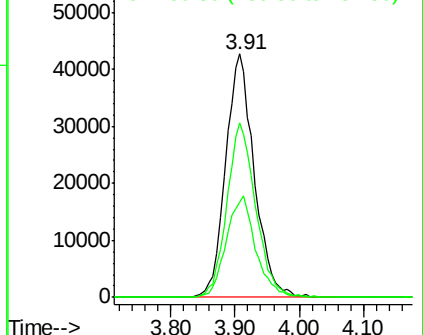
151 72.3 57.0 85.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.071 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

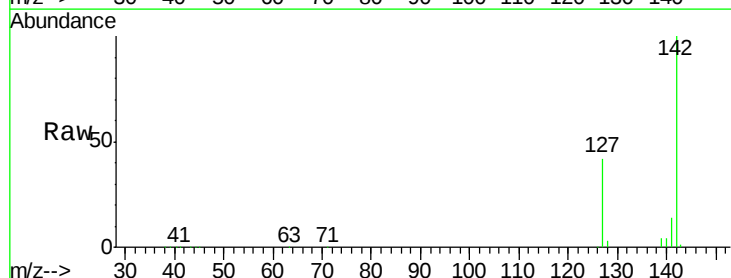
Tgt Ion:142 Resp: 163238

Ion Ratio Lower Upper

142 100

127 40.5 31.2 46.8

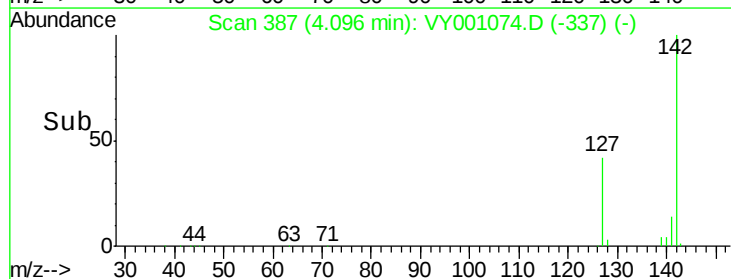
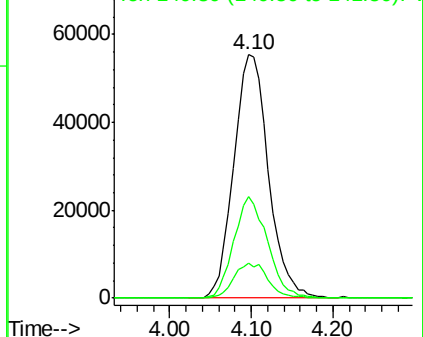
141 14.2 11.0 16.4

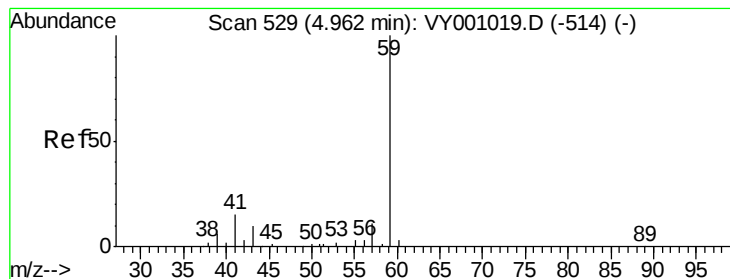


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



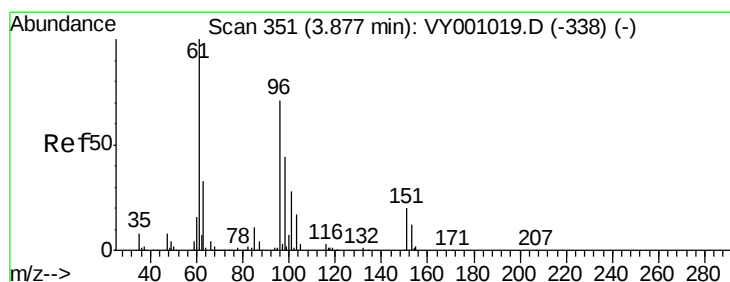
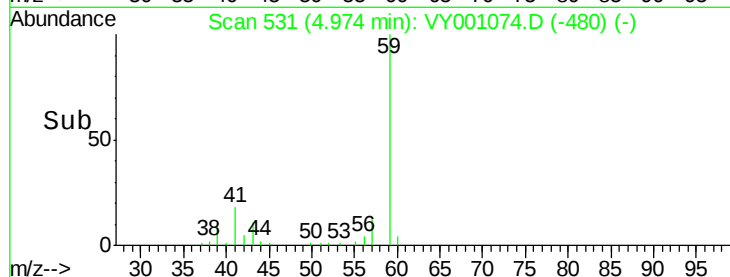
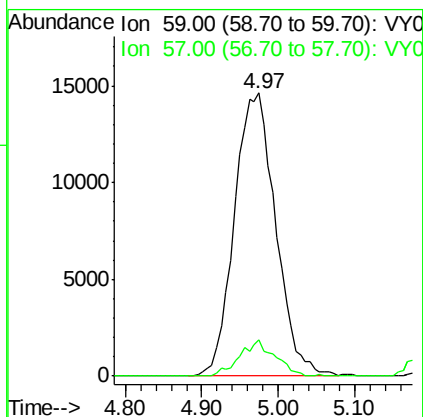
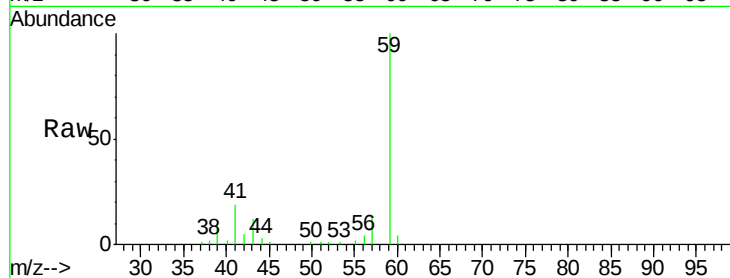


#11

Tert butyl alcohol
Concen: 209.460 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

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

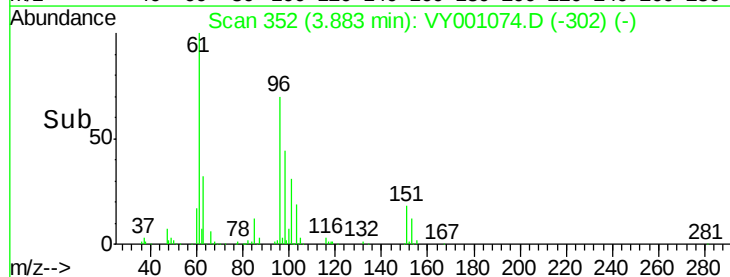
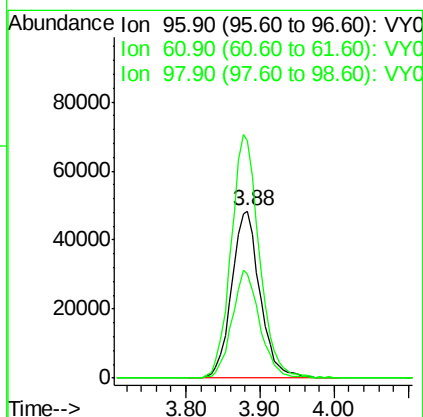
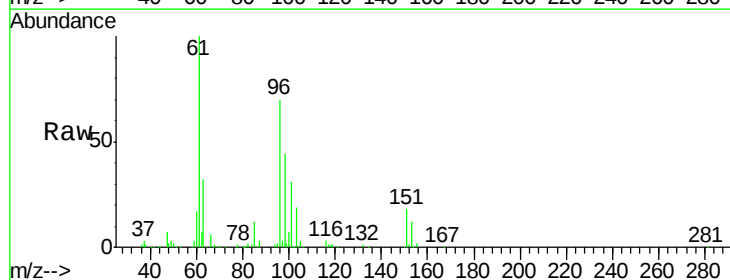
Tgt Ion: 59 Resp: 54878
Ion Ratio Lower Upper
59 100
57 10.8 7.8 11.6

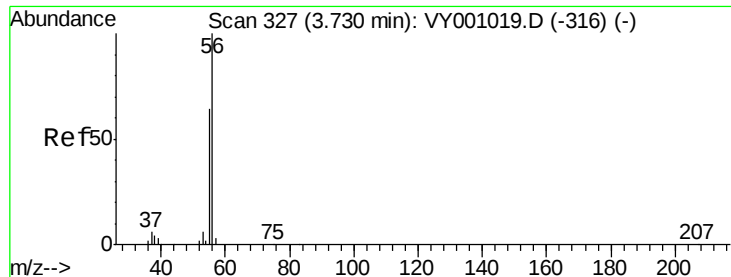


#12

1,1-Dichloroethene
Concen: 47.523 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 96 Resp: 128983
Ion Ratio Lower Upper
96 100
61 142.5 113.0 169.4
98 62.1 49.8 74.8





#13

Acrolein

Concen: 137.212 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

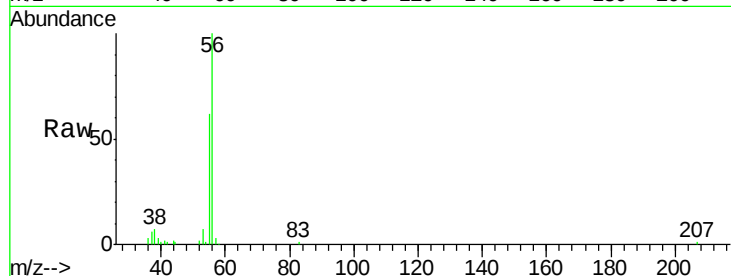
SB-2-(4-5)MSD

Tgt Ion: 56 Resp: 44542

Ion Ratio Lower Upper

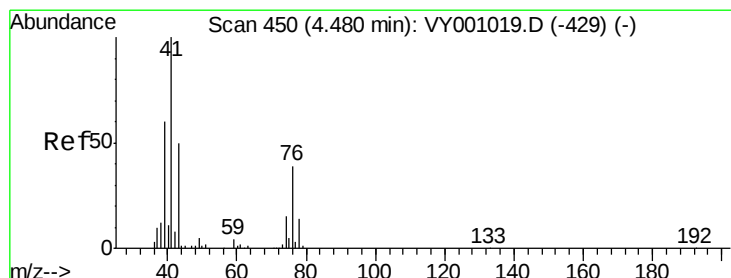
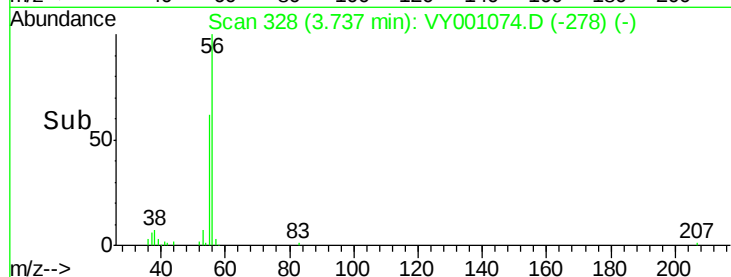
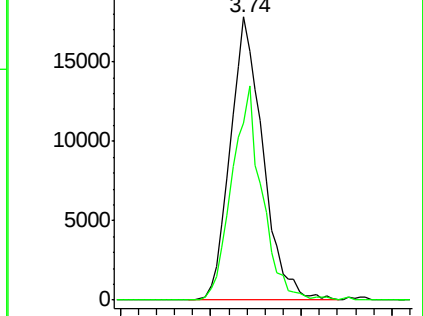
56 100

55 69.0 55.6 83.4



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 46.632 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

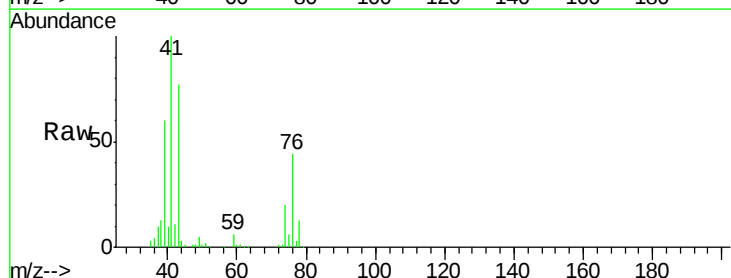
Tgt Ion: 41 Resp: 196618

Ion Ratio Lower Upper

41 100

39 58.7 46.0 69.0

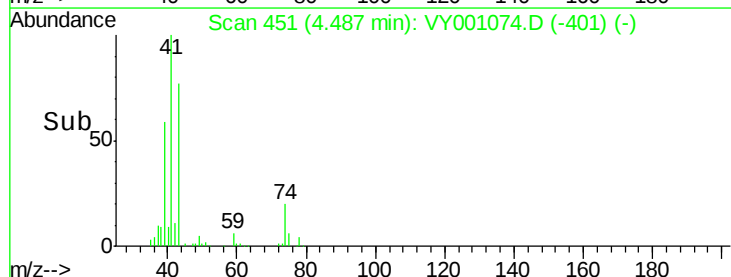
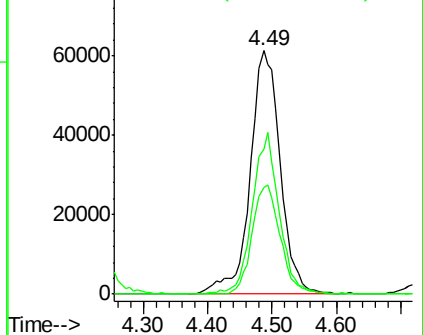
76 41.8 32.6 48.8

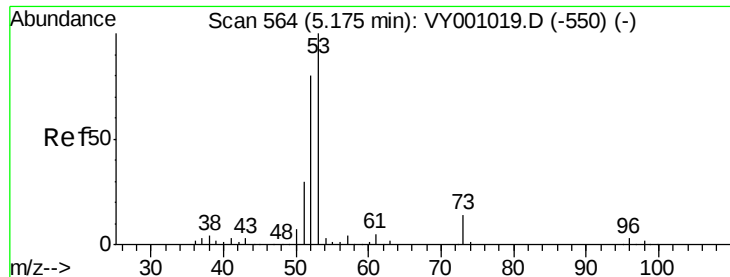


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 232.671 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

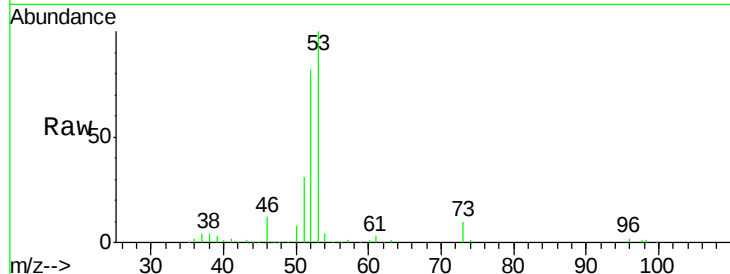
Tgt Ion: 53 Resp: 193721

Ion Ratio Lower Upper

53 100

52 79.3 63.6 95.4

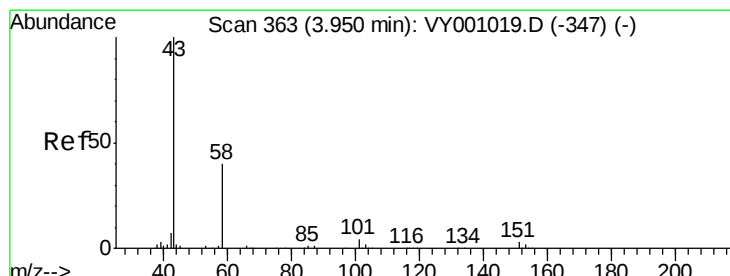
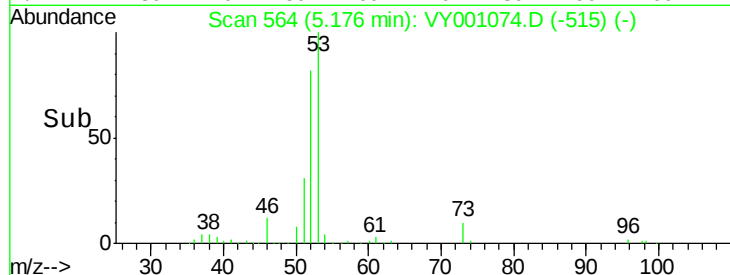
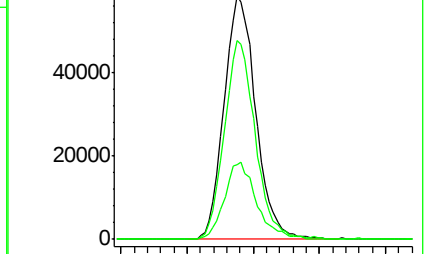
51 32.0 26.7 40.1



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: 230.133 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001074.D

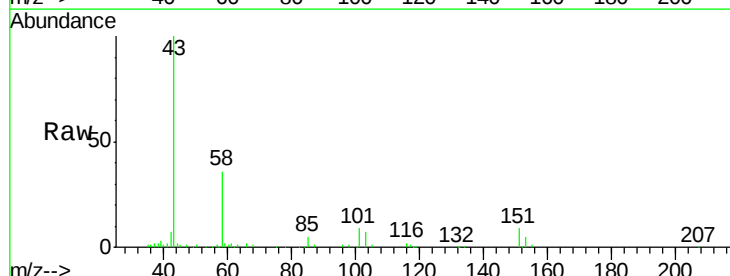
Acq: 26 Dec 2019 15:58

Tgt Ion: 43 Resp: 126328

Ion Ratio Lower Upper

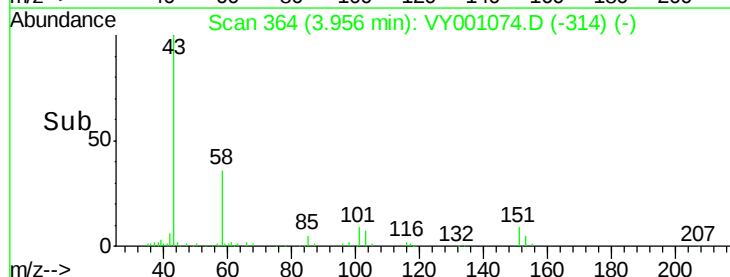
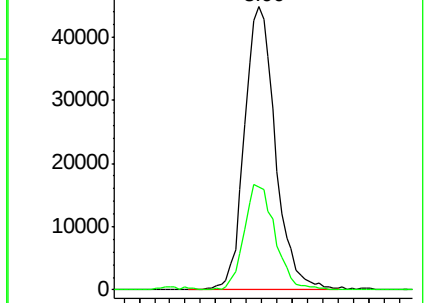
43 100

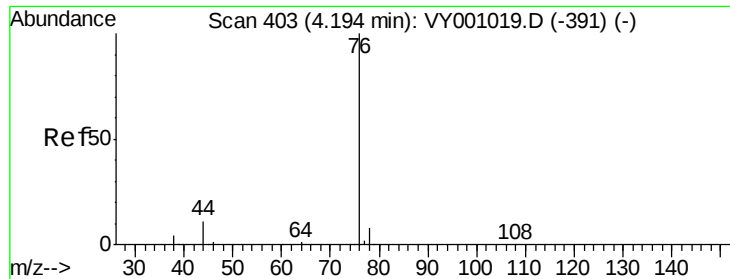
58 36.1 32.1 48.1



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

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

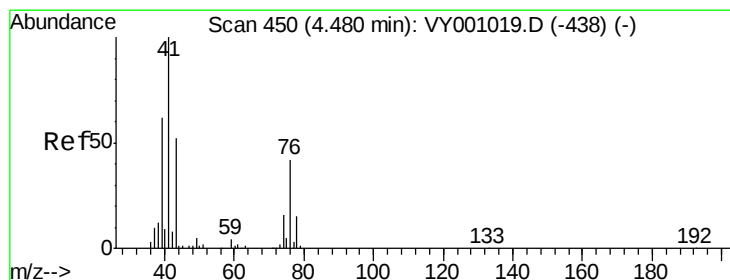
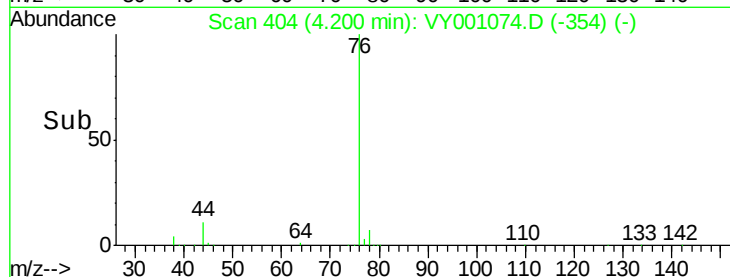
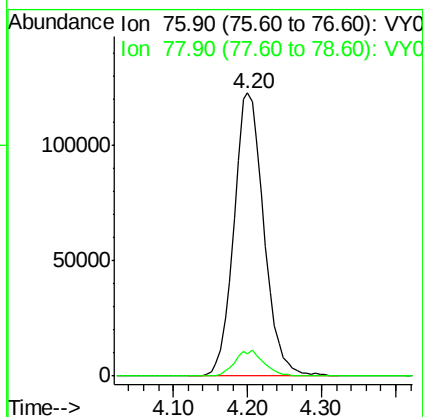
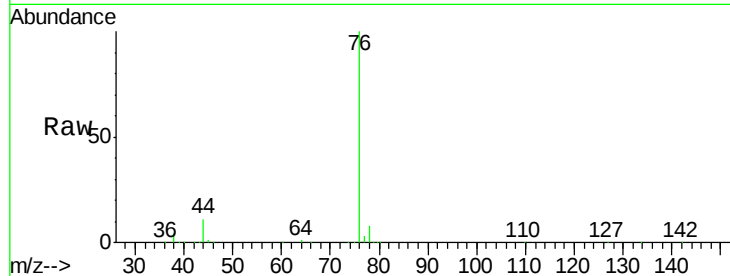




#17
Carbon Disulfide
Concen: 39.020 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

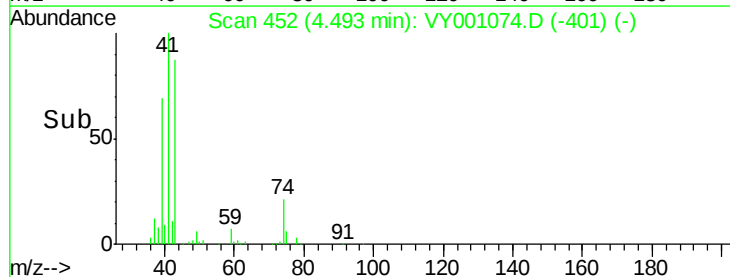
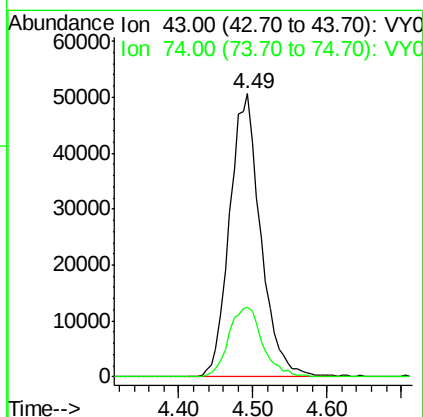
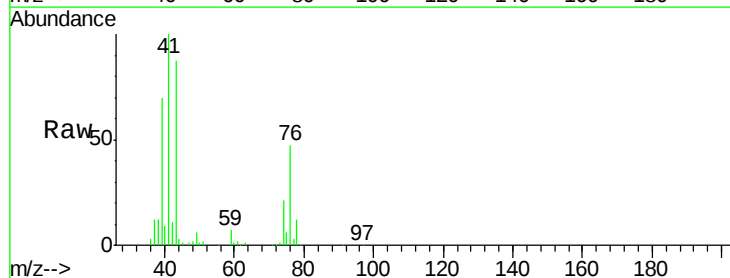
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

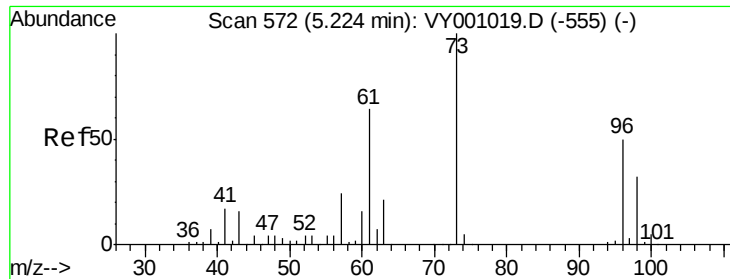
Tgt Ion: 76 Resp: 346072
Ion Ratio Lower Upper
76 100
78 7.9 6.7 10.1



#18
Methyl Acetate
Concen: 70.260 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 43 Resp: 147968
Ion Ratio Lower Upper
43 100
74 26.9 20.7 31.1

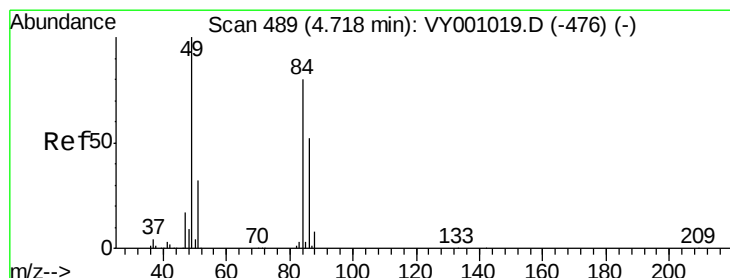
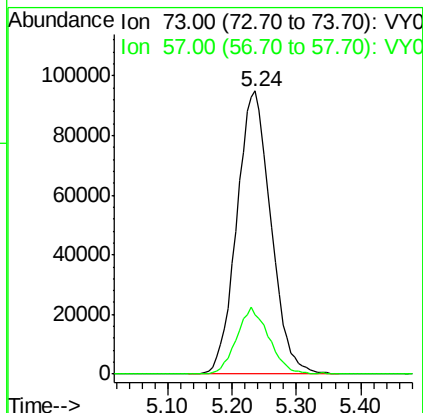
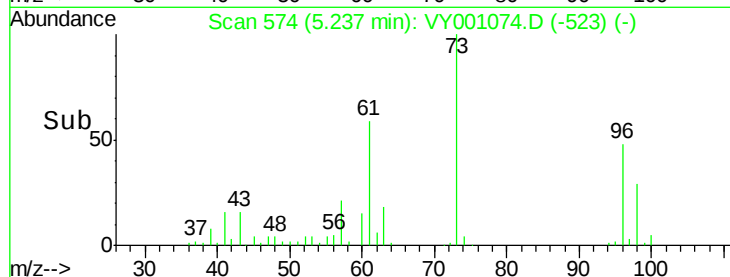
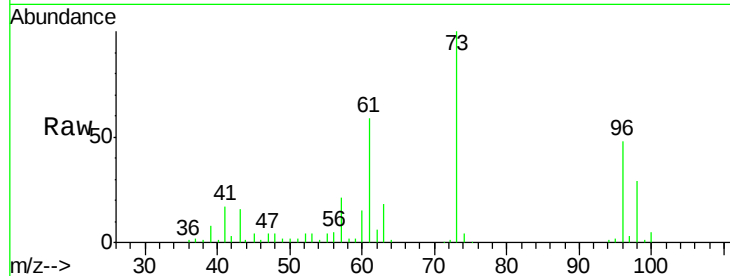




#19
Methyl tert-butyl Ether
Concen: 49.561 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

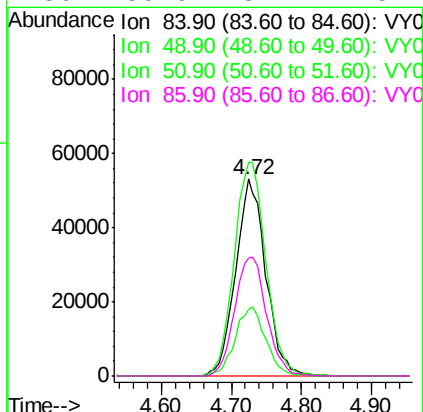
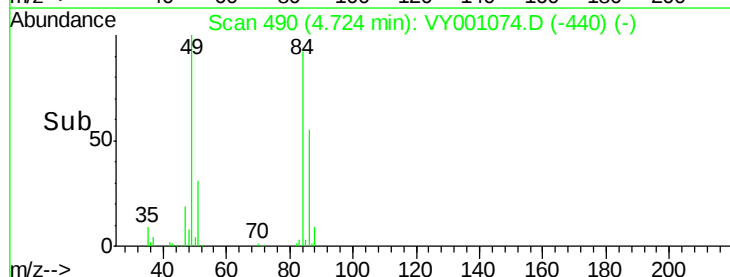
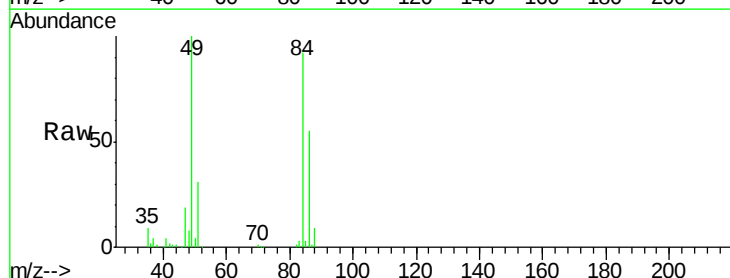
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

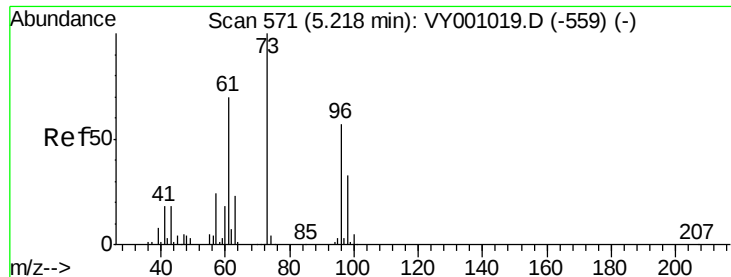
Tgt Ion: 73 Resp: 347182
Ion Ratio Lower Upper
73 100
57 21.0 19.0 28.6



#20
Methylene Chloride
Concen: 49.169 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 84 Resp: 158869
Ion Ratio Lower Upper
84 100
49 108.6 99.8 149.6
51 34.1 31.4 47.2
86 59.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 48.542 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

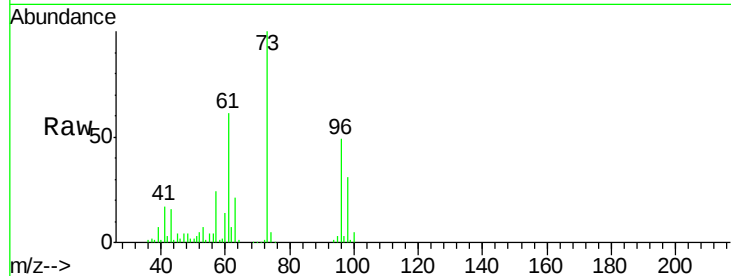
Tgt Ion: 96 Resp: 146011

Ion Ratio Lower Upper

96 100

61 123.9 98.1 147.1

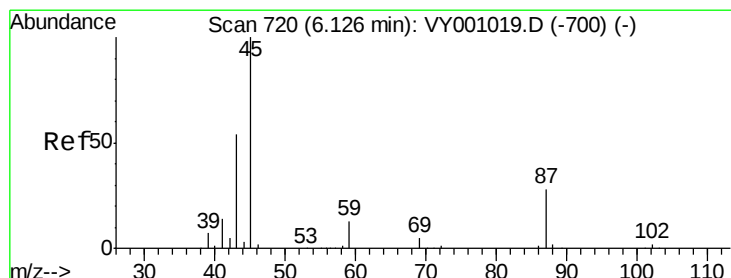
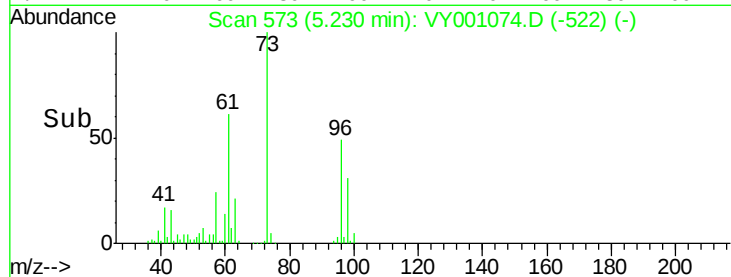
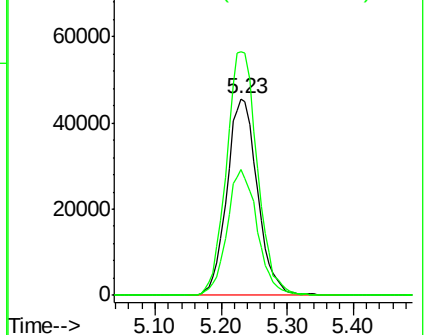
98 64.1 47.2 70.8



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: 50.412 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Tgt Ion: 45 Resp: 429630

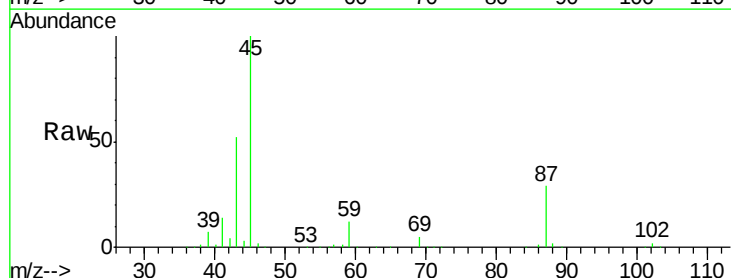
Ion Ratio Lower Upper

45 100

43 51.3 43.6 65.4

87 29.3 23.1 34.7

59 12.3 10.2 15.4

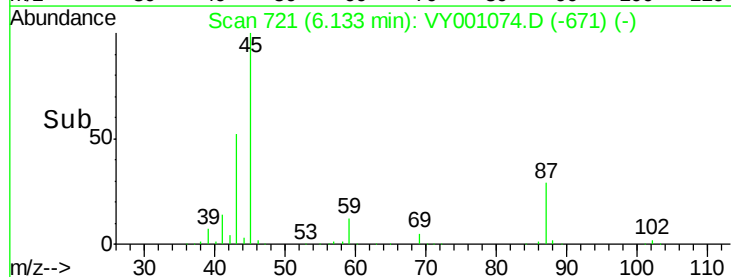
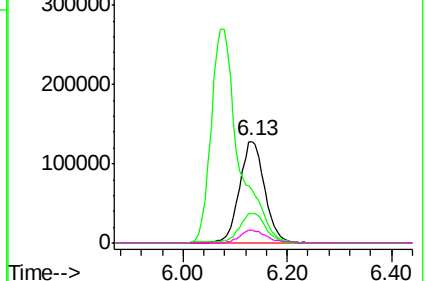


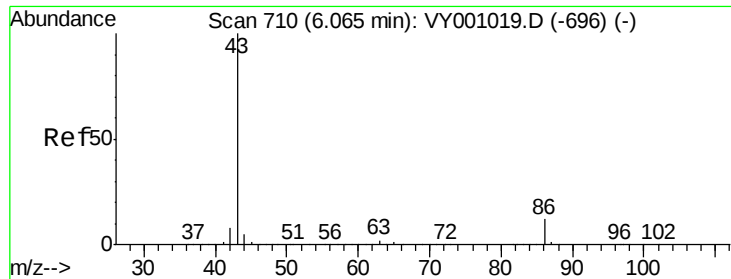
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 185.094 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

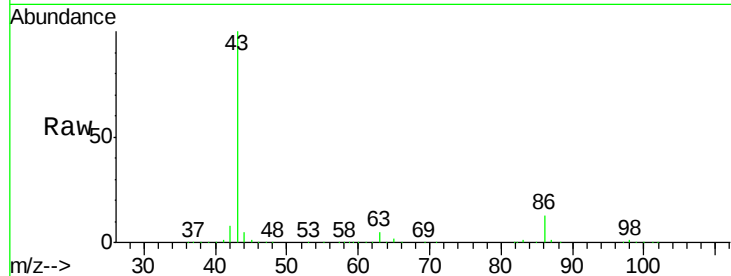
SB-2-(4-5)MSD

Tgt Ion: 43 Resp: 996234

Ion Ratio Lower Upper

43 100

86 12.6 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-696) (-)

Ion 86.00 (85.70 to 86.70): VY001019.D (-696) (-)

6.07

300000

250000

200000

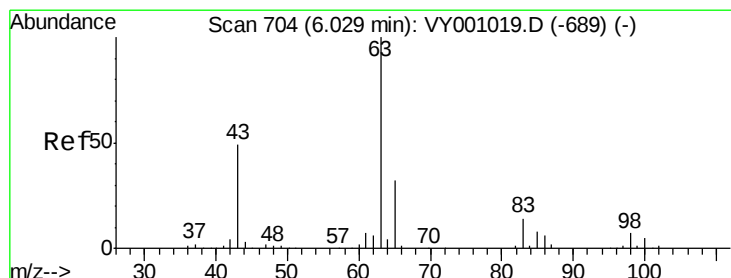
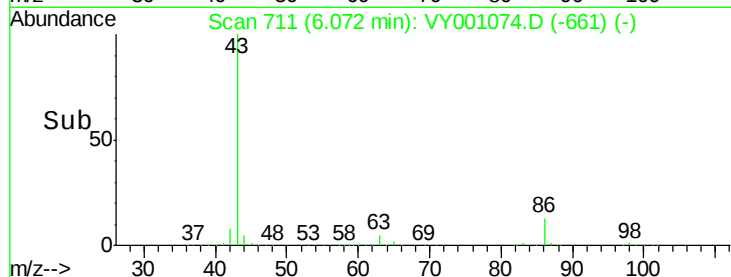
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.598 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

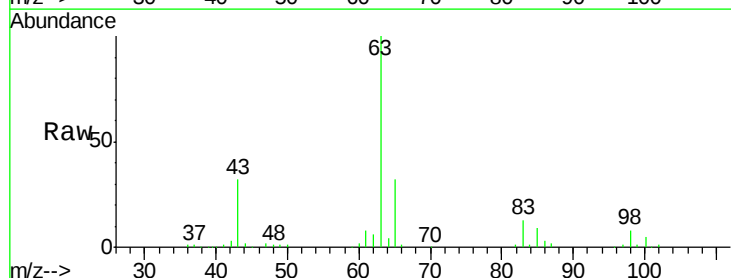
Tgt Ion: 63 Resp: 254828

Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.2

100 4.9 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VY001019.D (-689) (-)

Ion 97.90 (97.60 to 98.60): VY001019.D (-689) (-)

Ion 99.90 (99.60 to 100.60): VY001019.D (-689) (-)

6.04

100000

80000

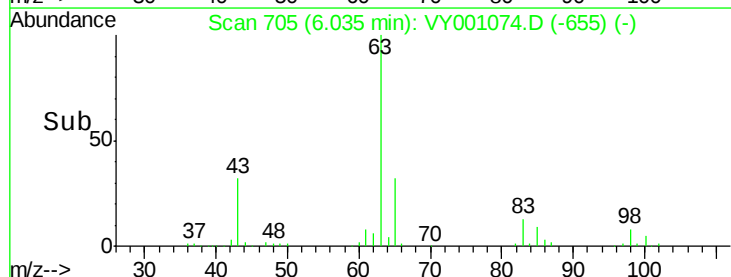
60000

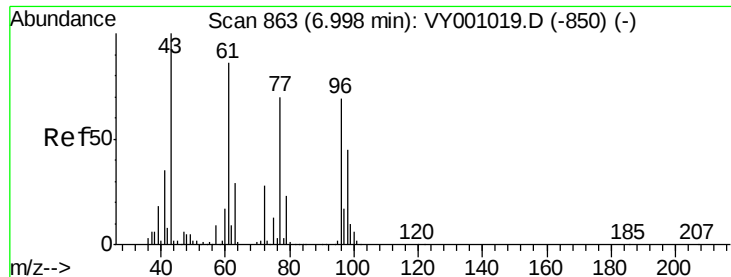
40000

20000

0

Time-->





#25

2-Butanone

Concen: 220.992 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

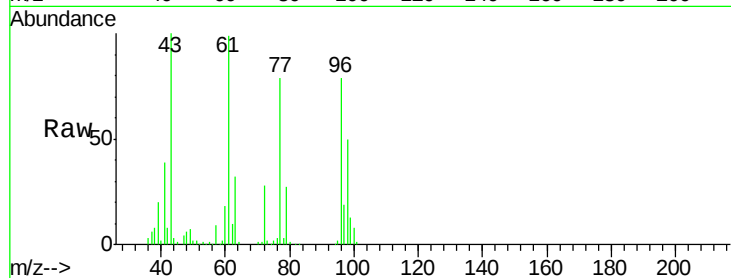
SB-2-(4-5)MSD

Tgt Ion: 43 Resp: 213111

Ion Ratio Lower Upper

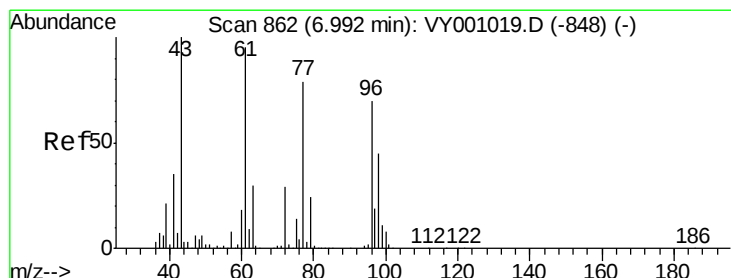
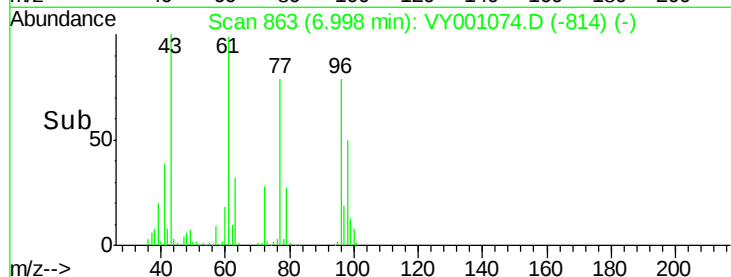
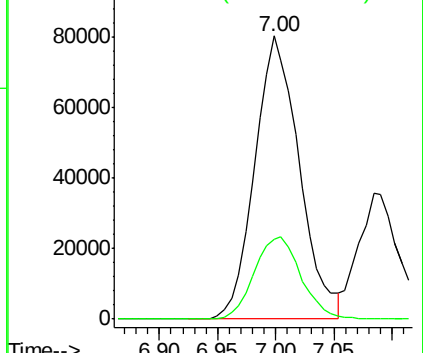
43 100

72 28.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 47.121 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001074.D

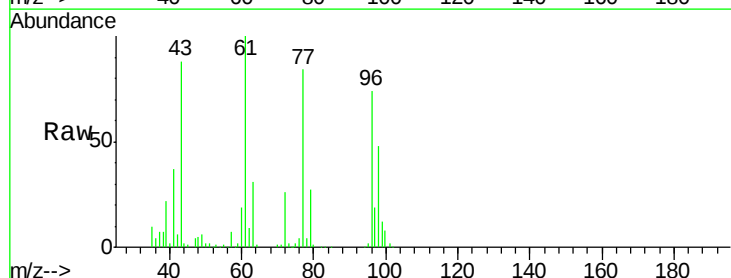
Acq: 26 Dec 2019 15:58

Tgt Ion: 77 Resp: 194977

Ion Ratio Lower Upper

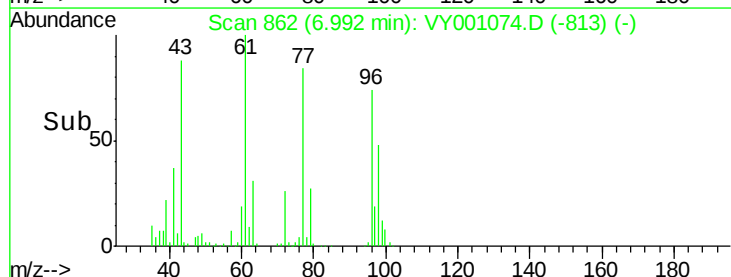
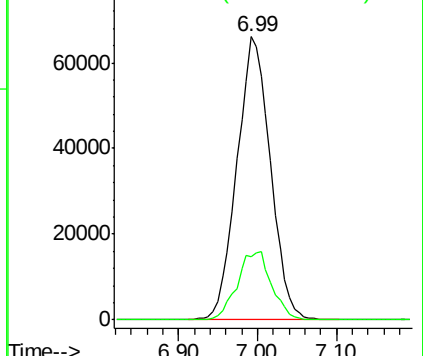
77 100

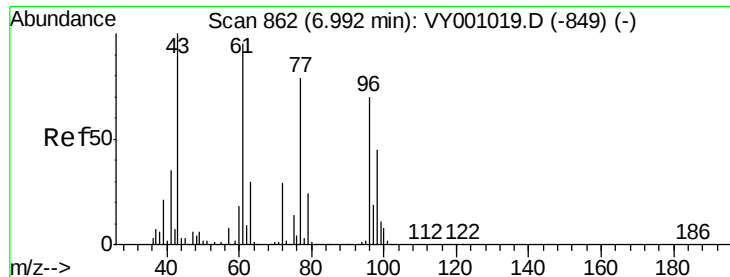
97 24.8 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



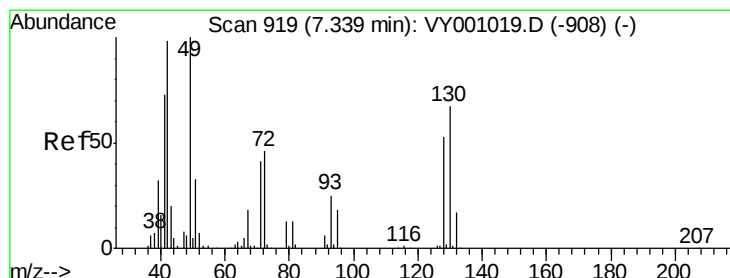
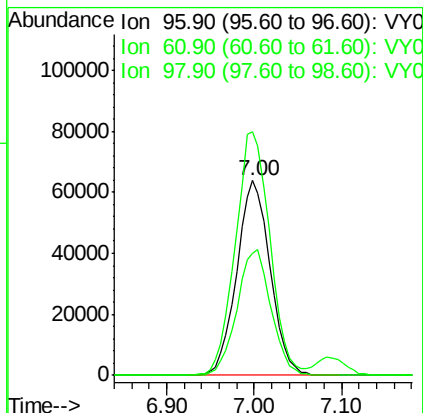
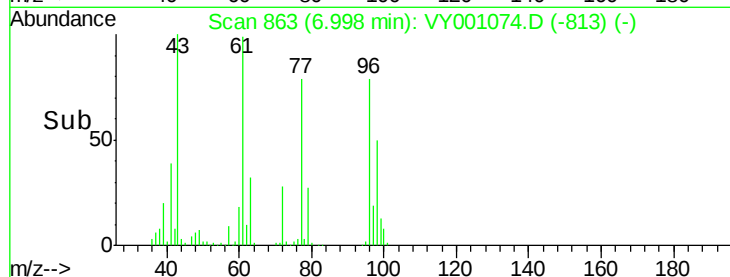
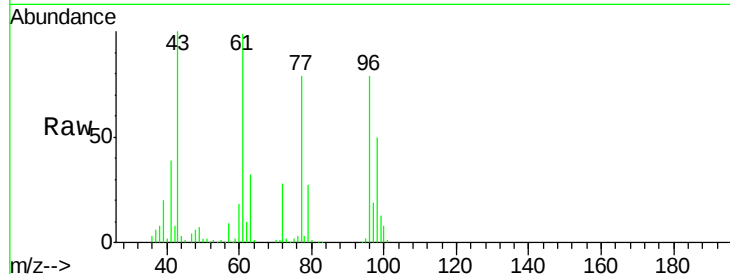


#27

cis-1,2-Dichloroethene
Concen: 51.282 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

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

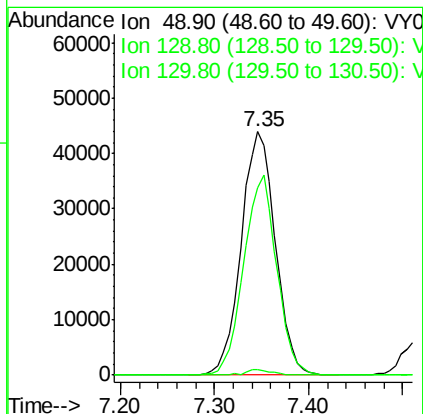
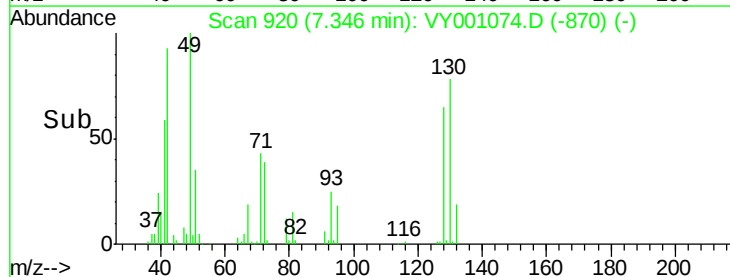
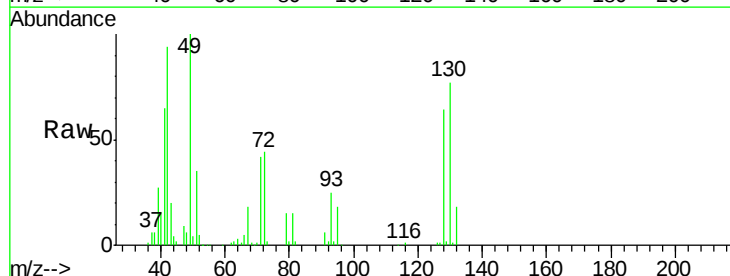
Tgt Ion: 96 Resp: 169470
Ion Ratio Lower Upper
96 100
61 129.8 0.0 268.2
98 65.6 0.0 129.2

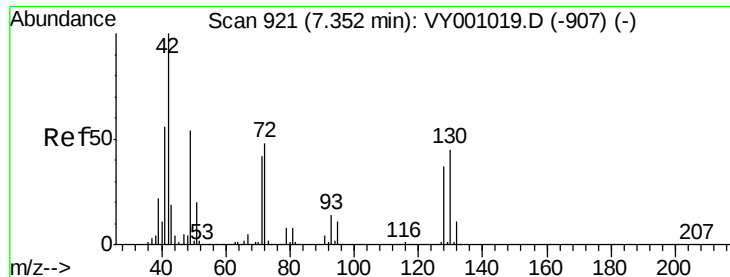


#28

Bromochloromethane
Concen: 56.718 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 49 Resp: 111455
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 79.6 60.4 90.6

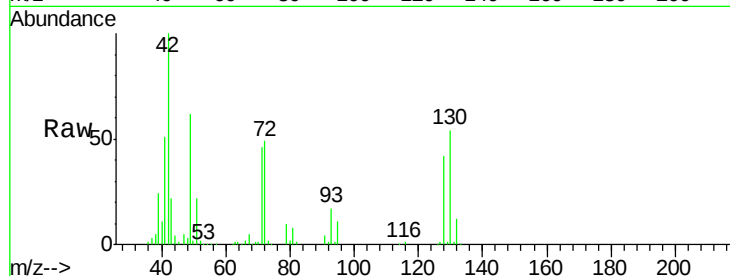




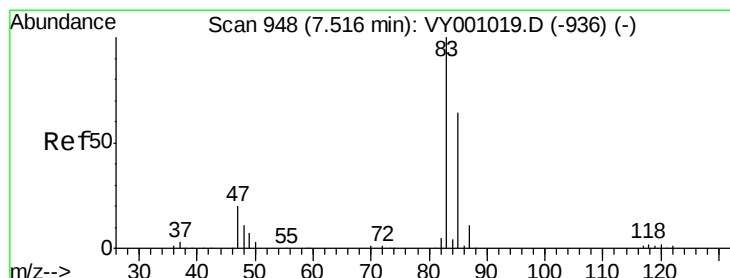
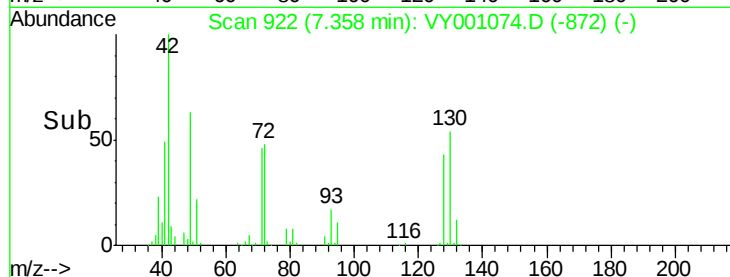
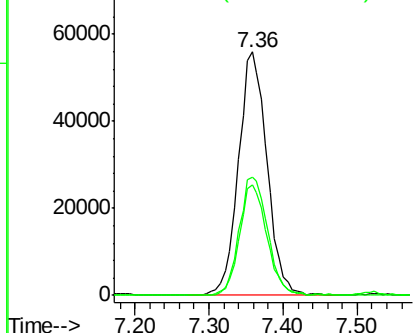
#29
Tetrahydrofuran
Concen: 219.687 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

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

Tgt Ion: 42 Resp: 150696
Ion Ratio Lower Upper
42 100
72 48.4 37.7 56.5
71 43.7 34.6 51.8

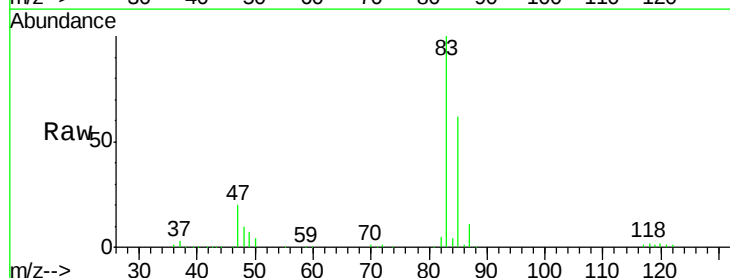


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

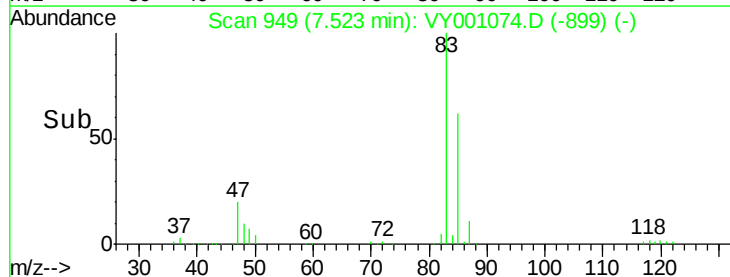
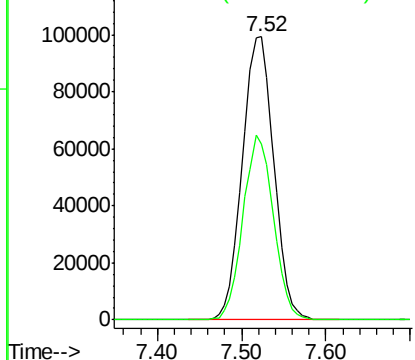


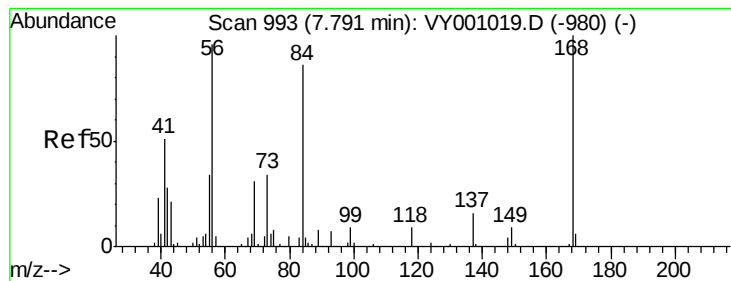
#30
Chloroform
Concen: 52.586 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 83 Resp: 250433
Ion Ratio Lower Upper
83 100
85 62.2 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: 42.990 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

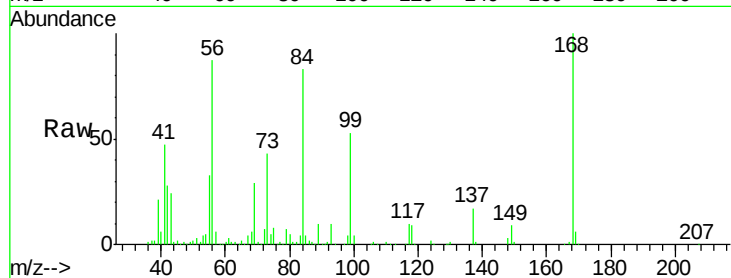
Tgt Ion: 56 Resp: 227674

Ion Ratio Lower Upper

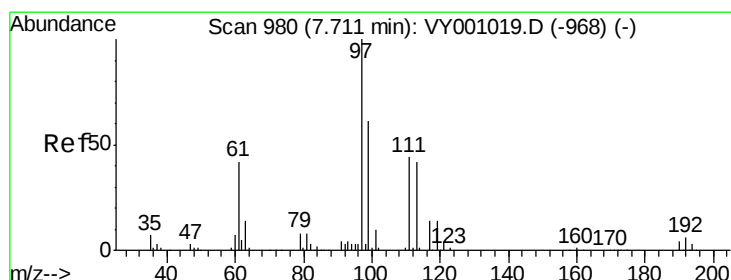
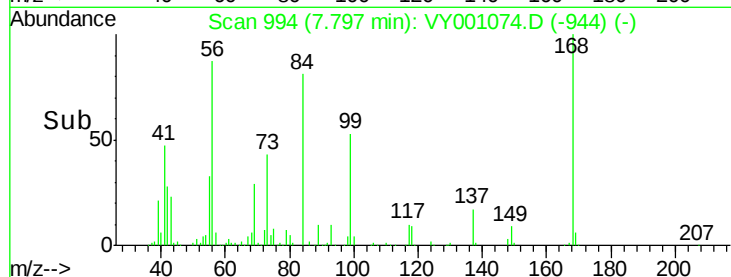
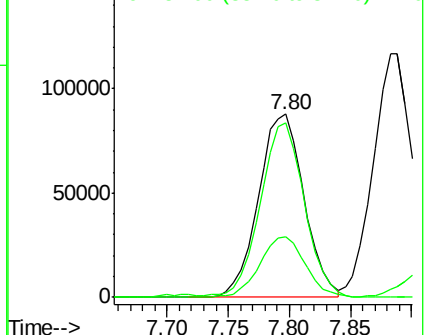
56 100

69 33.0 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: 49.651 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

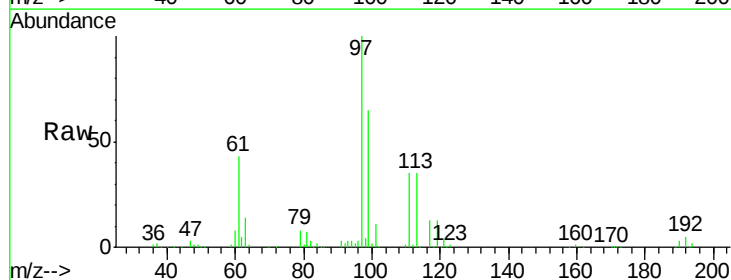
Tgt Ion: 97 Resp: 201706

Ion Ratio Lower Upper

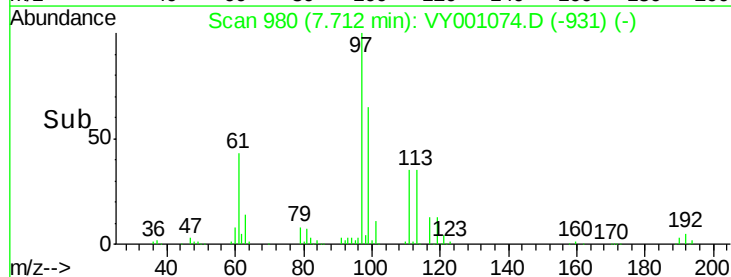
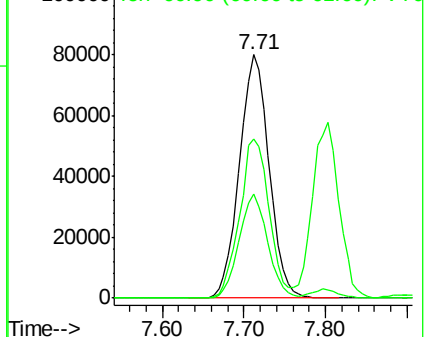
97 100

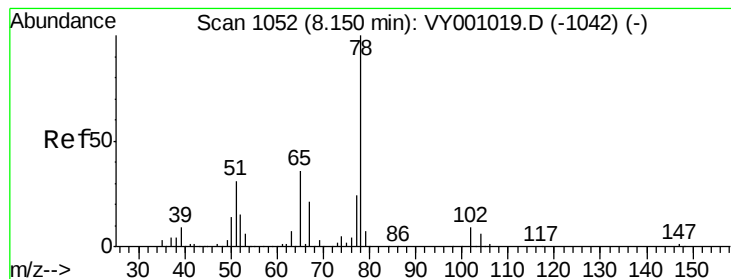
99 64.8 50.6 76.0

61 41.3 33.0 49.6



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





#33

1,2-Dichloroethane-d4

Concen: 51.079 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

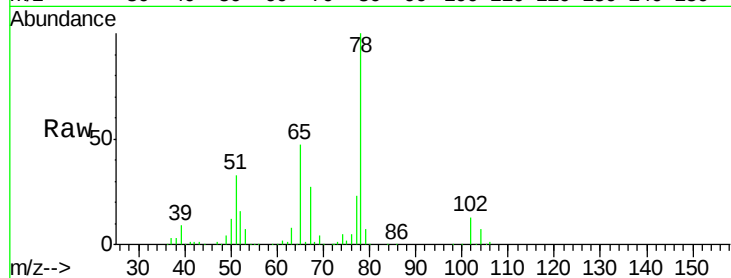
SB-2-(4-5)MSD

Tgt Ion: 65 Resp: 121712

Ion Ratio Lower Upper

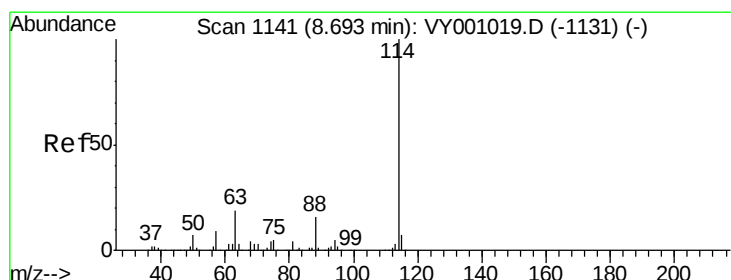
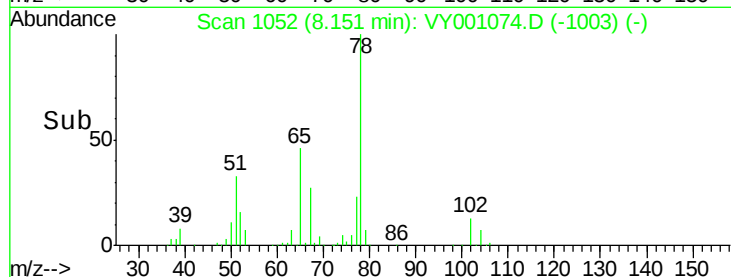
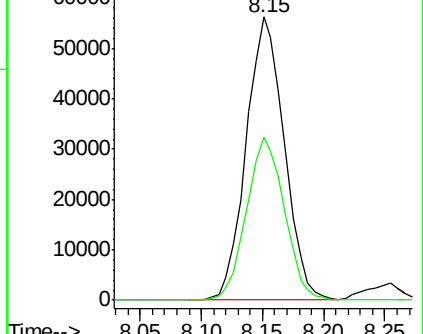
65 100

67 57.4 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: VY001074.D

Acq: 26 Dec 2019 15:58

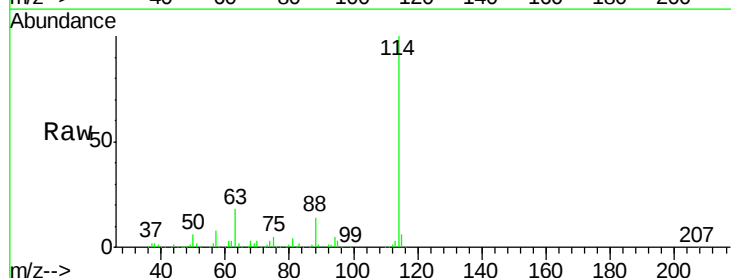
Tgt Ion: 114 Resp: 435883

Ion Ratio Lower Upper

114 100

63 17.6 0.0 37.0

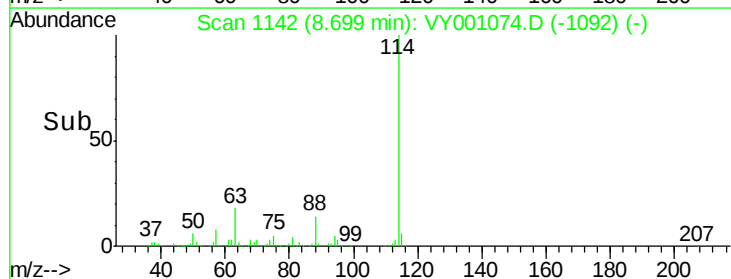
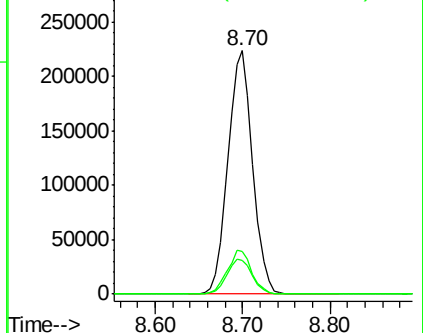
88 13.7 0.0 32.0

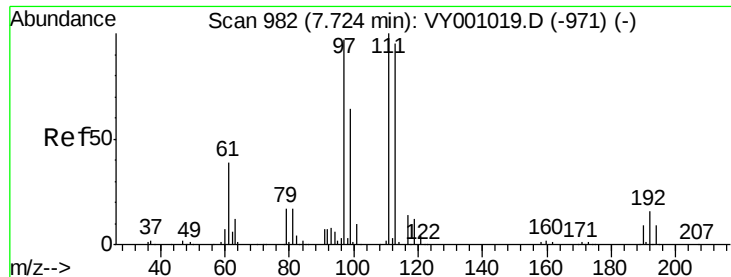


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 50.997 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

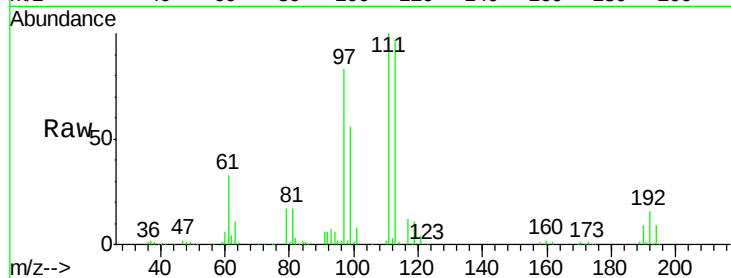
Tgt Ion:113 Resp: 130895

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

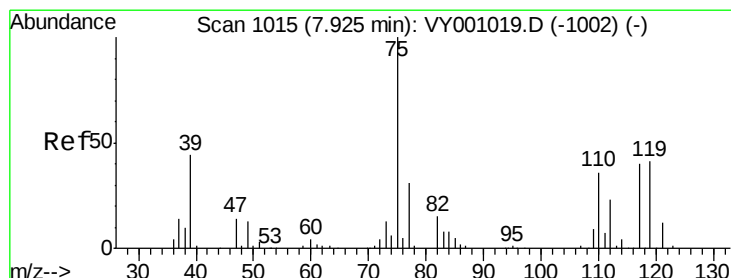
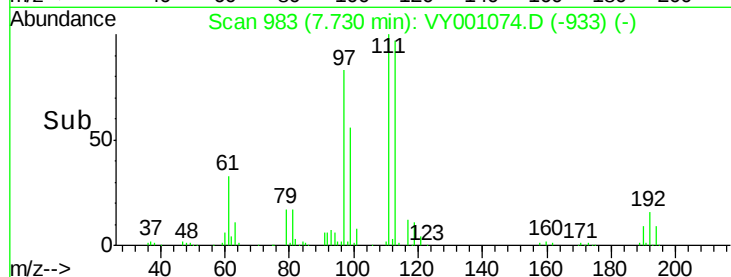
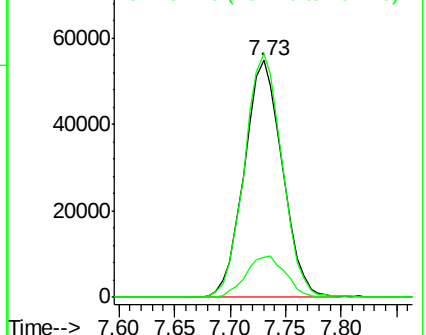
192 18.2 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.926 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

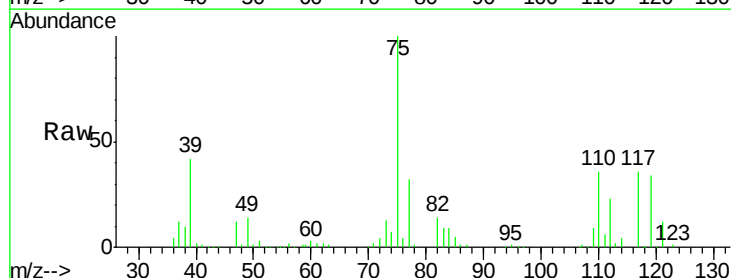
Tgt Ion: 75 Resp: 195130

Ion Ratio Lower Upper

75 100

110 37.4 18.1 54.4

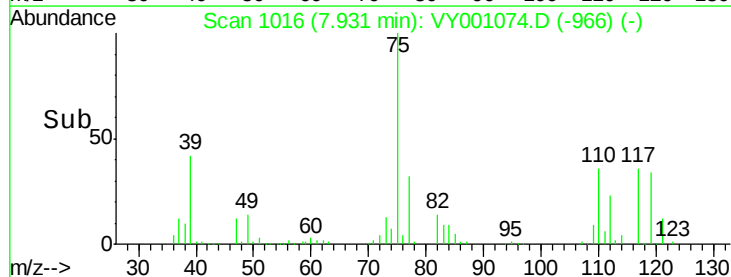
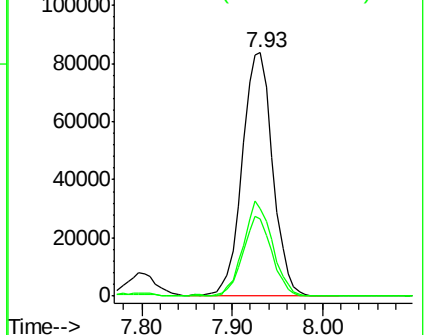
77 31.2 24.6 37.0

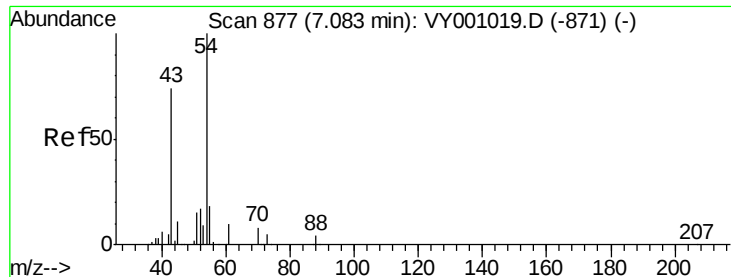


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

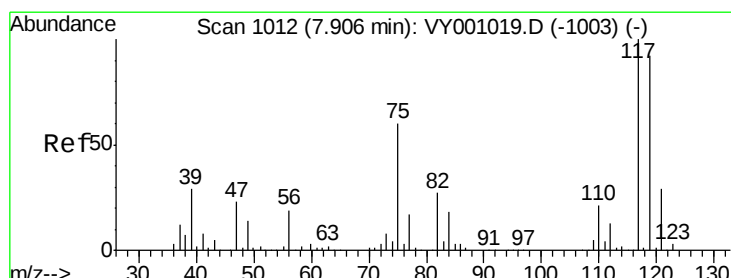
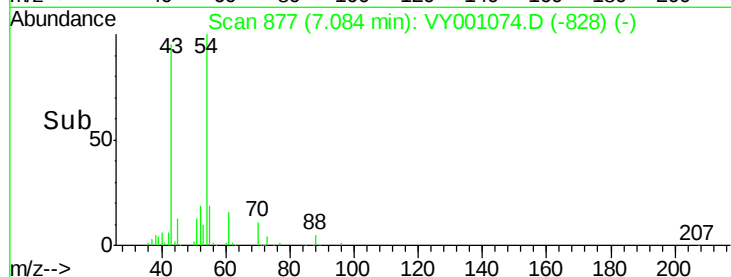
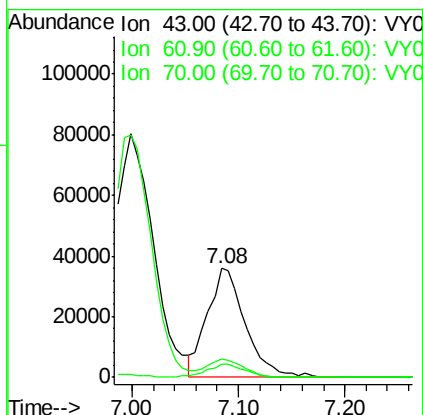
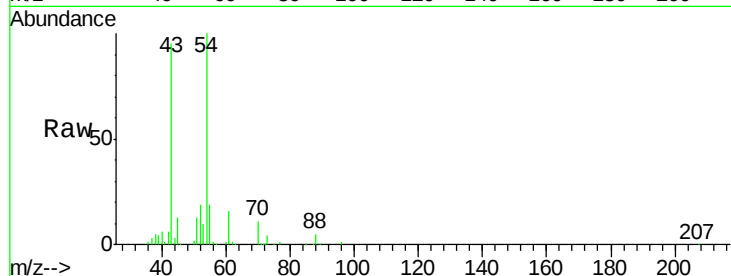




#37
Ethyl Acetate
Concen: 38.029 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

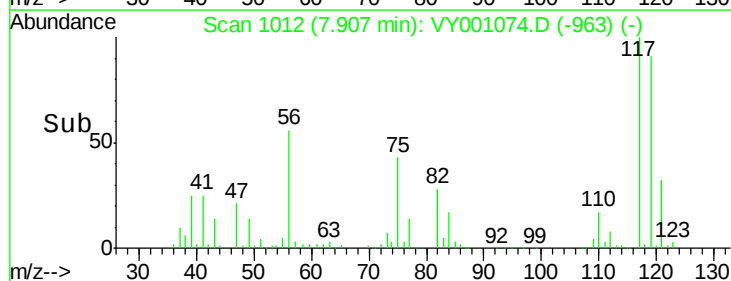
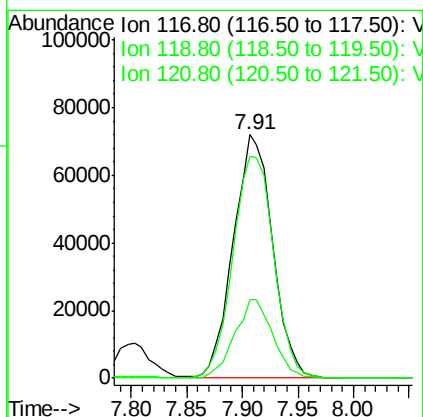
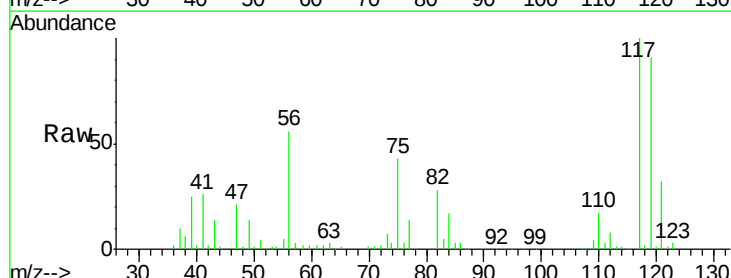
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

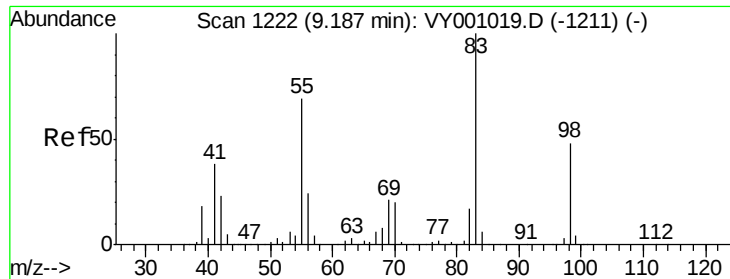
Tgt Ion: 43 Resp: 87562
Ion Ratio Lower Upper
43 100
61 16.1 12.5 18.7
70 12.3 9.0 13.4



#38
Carbon Tetrachloride
Concen: 48.493 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 117 Resp: 176673
Ion Ratio Lower Upper
117 100
119 91.2 74.2 111.2
121 32.1 22.9 34.3

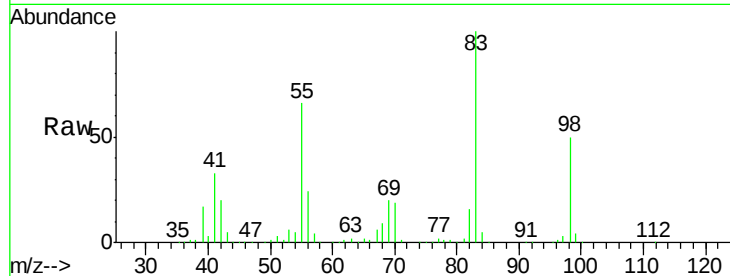




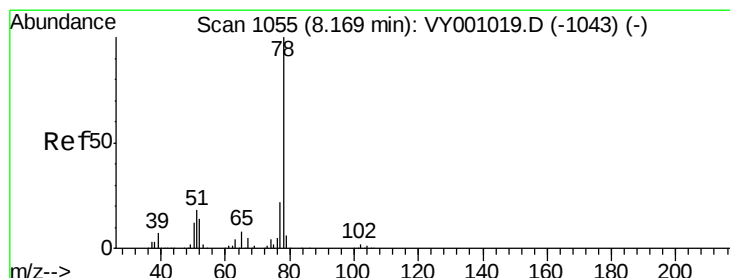
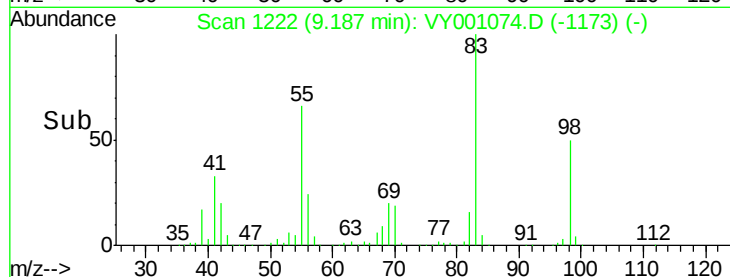
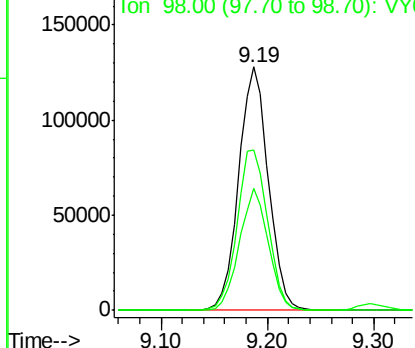
#39
Methylcyclohexane
Concen: 45.250 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

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

Tgt Ion: 83 Resp: 249870
Ion Ratio Lower Upper
83 100
55 65.6 55.1 82.7
98 50.0 38.3 57.5

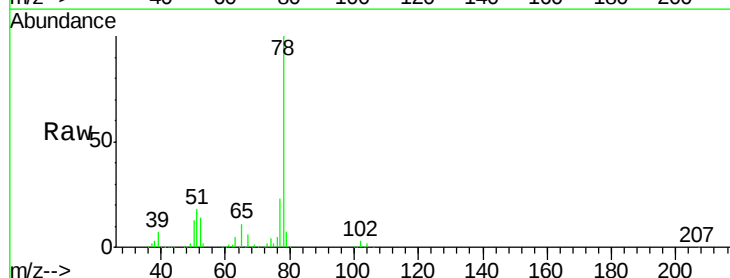


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

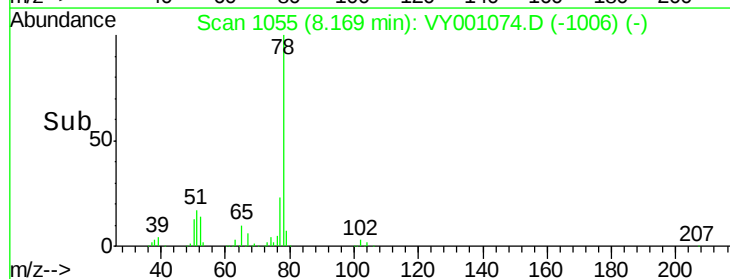
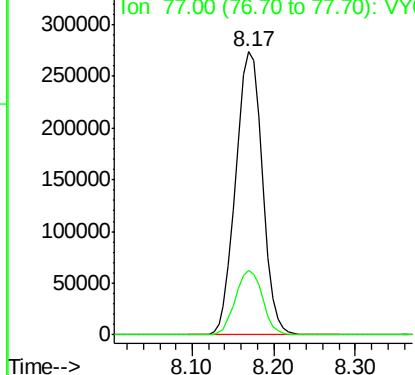


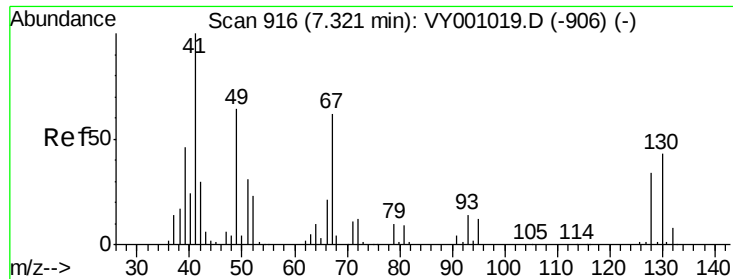
#40
Benzene
Concen: 49.184 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 78 Resp: 617015
Ion Ratio Lower Upper
78 100
77 22.6 17.7 26.5



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 128.368 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.03 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

Tgt Ion: 41 Resp: 128143

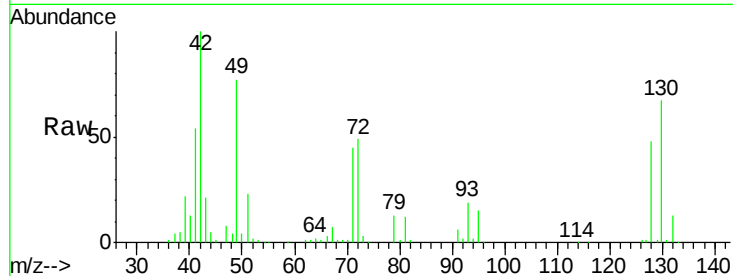
Ion Ratio Lower Upper

41 100

39 26.1 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

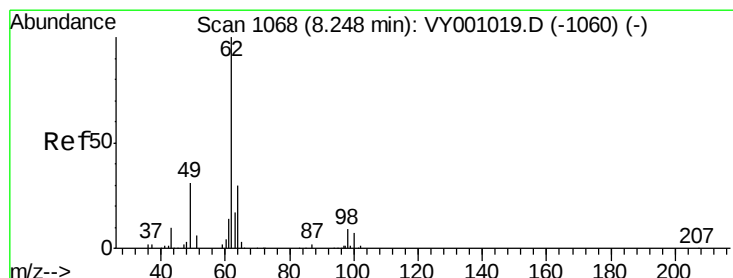
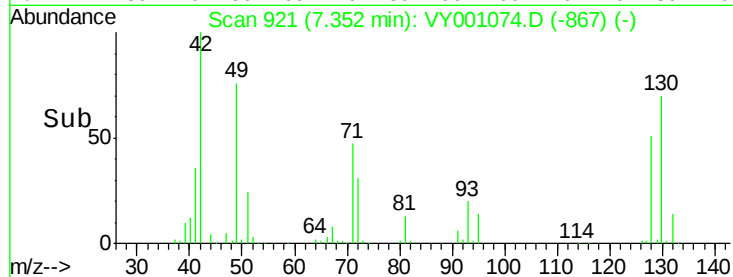
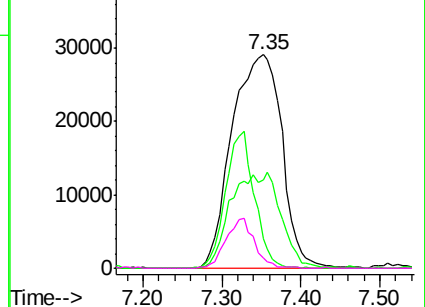


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 47.618 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY001074.D

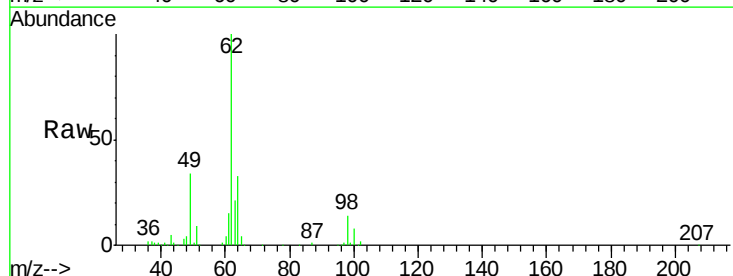
Acq: 26 Dec 2019 15:58

Tgt Ion: 62 Resp: 142820

Ion Ratio Lower Upper

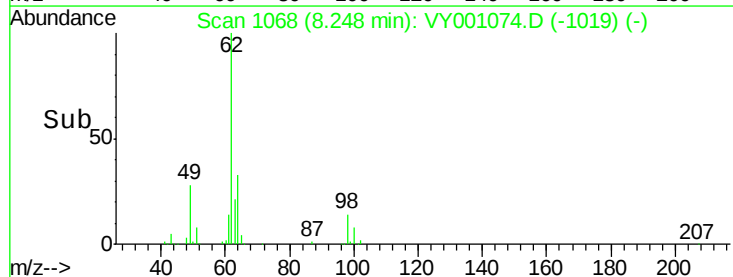
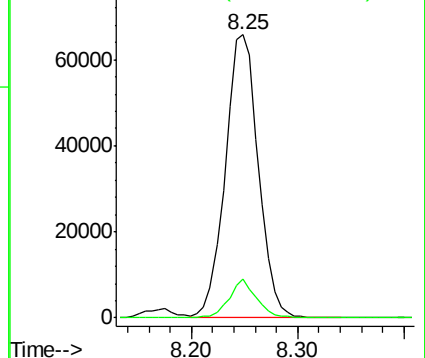
62 100

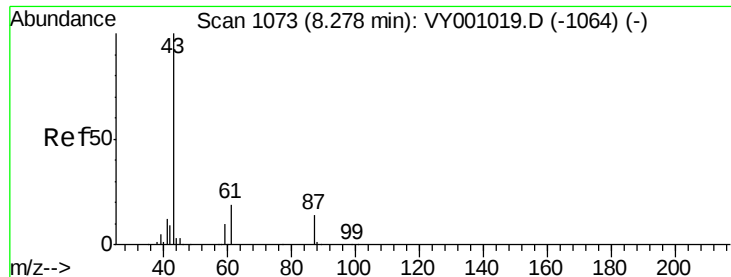
98 11.4 0.0 23.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

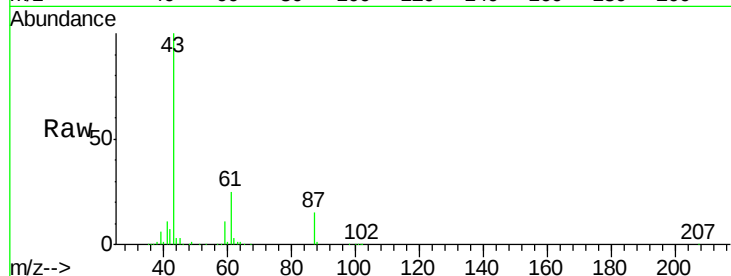




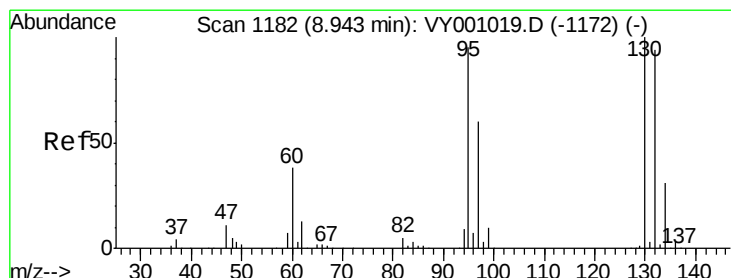
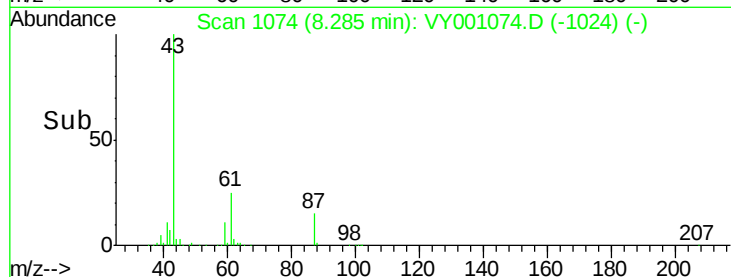
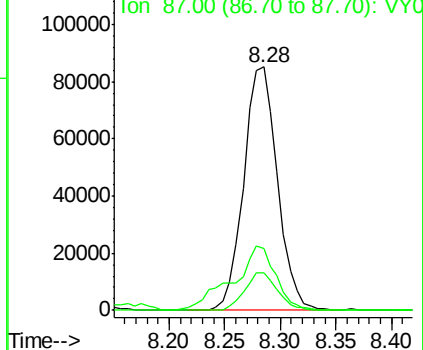
#43
Isopropyl Acetate
Concen: 42.102 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

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

Tgt Ion: 43 Resp: 179449
Ion Ratio Lower Upper
43 100
61 33.8 25.0 37.6
87 15.3 12.0 18.0

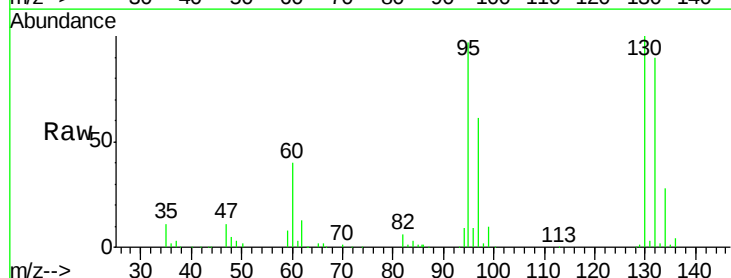


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

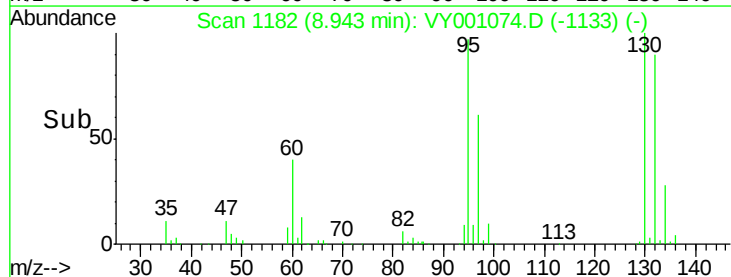
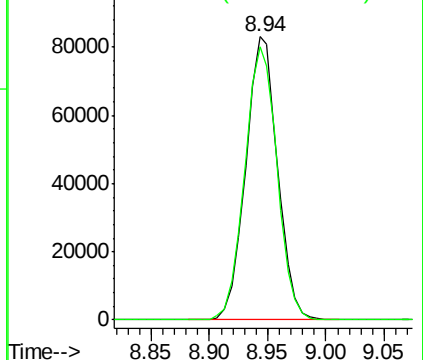


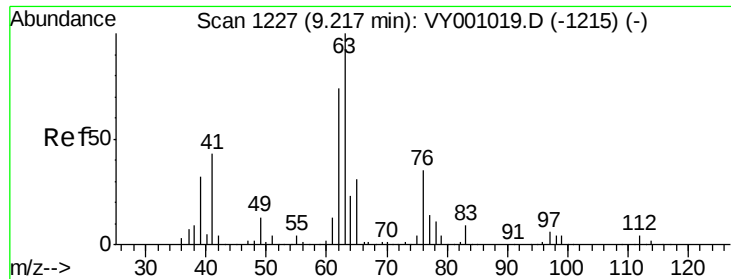
#44
Trichloroethene
Concen: 47.978 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 130 Resp: 158585
Ion Ratio Lower Upper
130 100
95 96.6 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

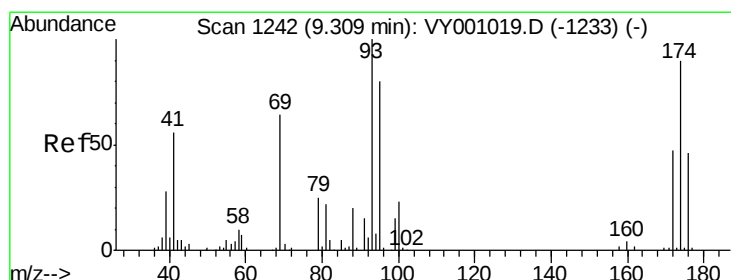
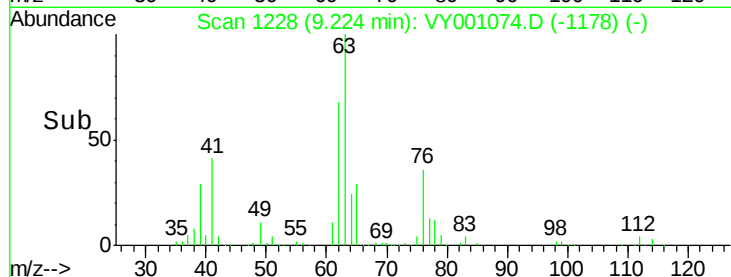
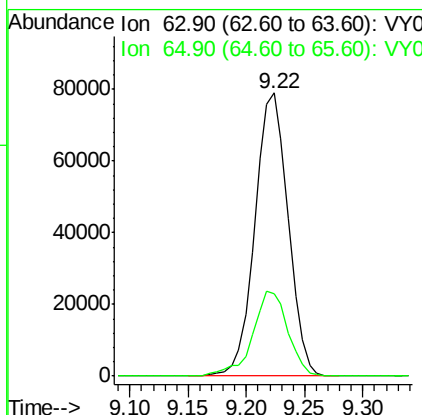
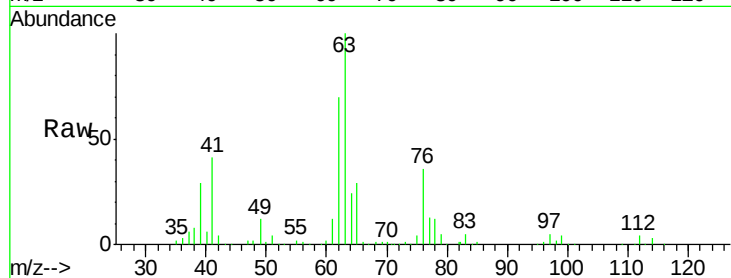




#45
 1,2-Dichloropropane
 Concen: 49.641 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

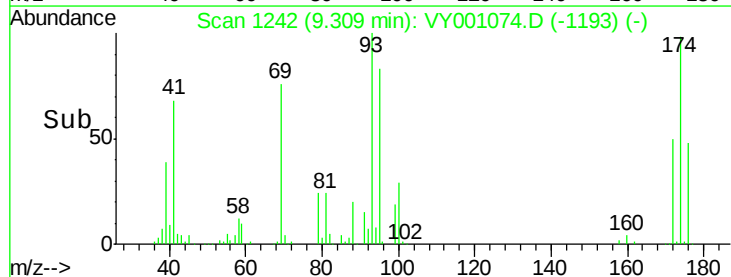
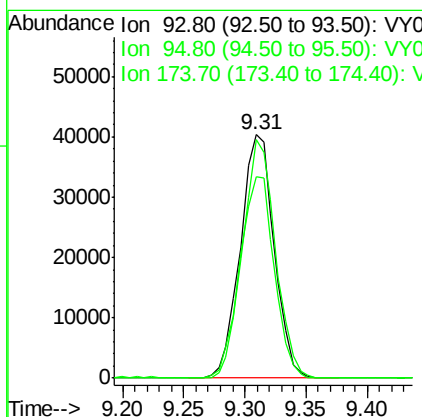
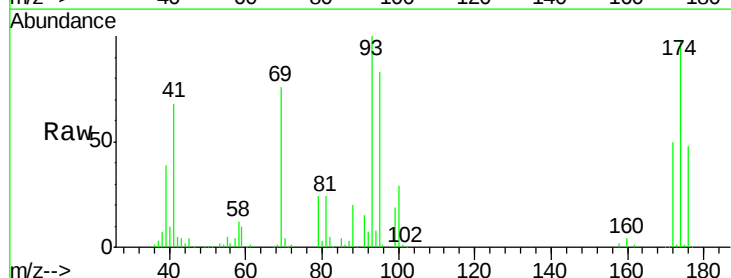
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

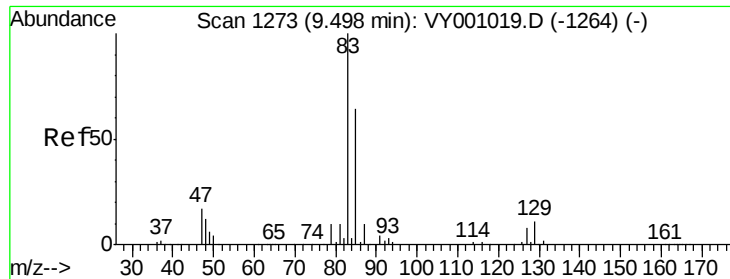
Tgt Ion: 63 Resp: 156227
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.1 37.7



#46
 Dibromomethane
 Concen: 47.707 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Tgt Ion: 93 Resp: 77395
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.7 100.1
 174 95.5 73.6 110.4





#47

Bromodichloromethane

Concen: 50.310 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

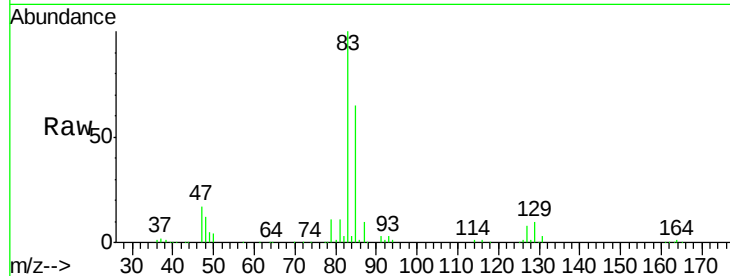
Tgt Ion: 83 Resp: 189057

Ion Ratio Lower Upper

83 100

85 64.8 50.9 76.3

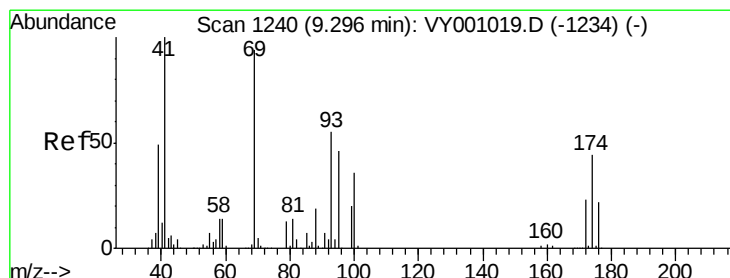
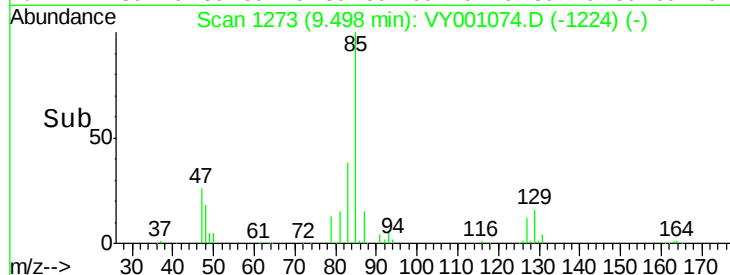
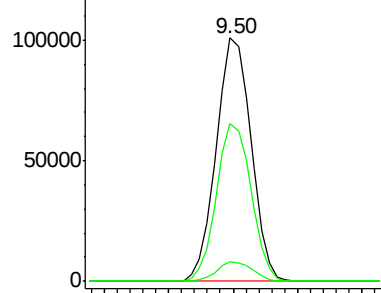
127 8.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VY001019.D (-1264) (-)

Ion 84.90 (84.60 to 85.60): VY001019.D (-1264) (-)

Ion 126.80 (126.50 to 127.50): VY001019.D (-1264) (-)



#48

Methyl methacrylate

Concen: 46.886 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

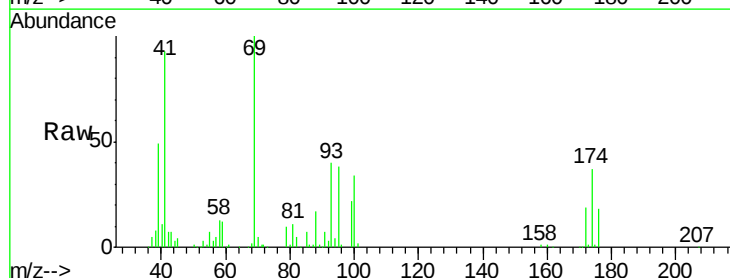
Tgt Ion: 41 Resp: 85280

Ion Ratio Lower Upper

41 100

69 106.2 79.8 119.6

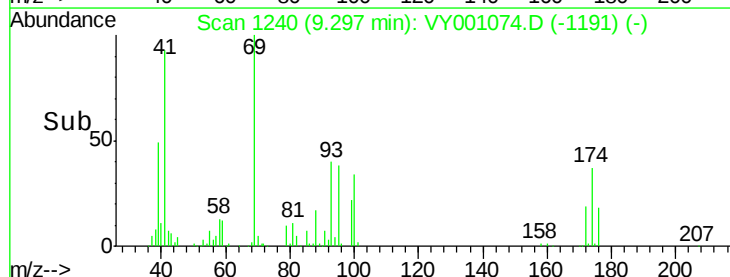
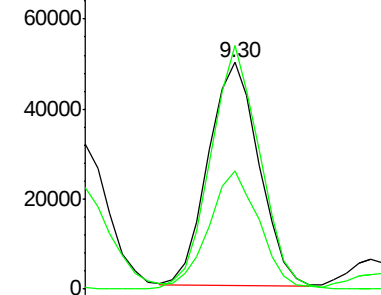
39 53.1 41.7 62.5

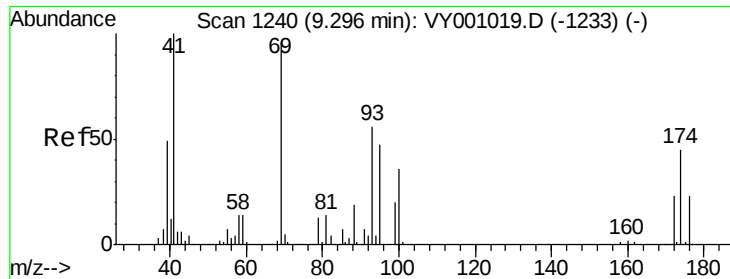


Abundance Ion 41.00 (40.70 to 41.70): VY001019.D (-1234) (-)

Ion 69.00 (68.70 to 69.70): VY001019.D (-1234) (-)

Ion 39.00 (38.70 to 39.70): VY001019.D (-1234) (-)

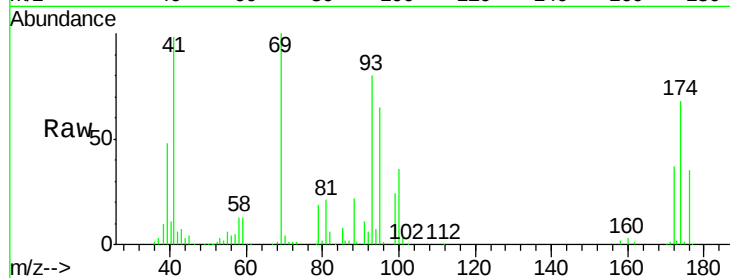




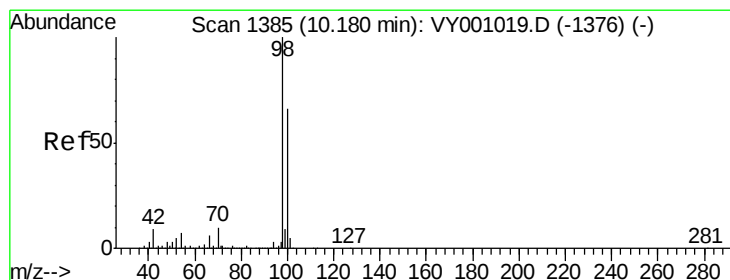
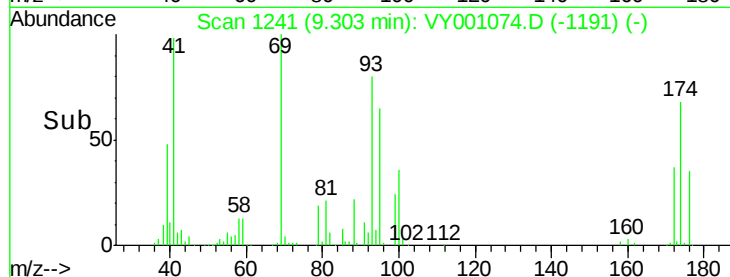
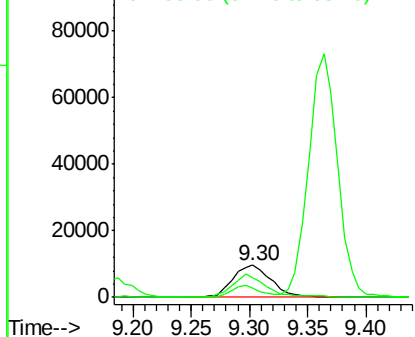
#49
1,4-Dioxane
Concen: 940.097 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

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

Tgt Ion: 88 Resp: 22310
Ion Ratio Lower Upper
88 100
43 30.1 23.0 34.4
58 64.9 54.9 82.3

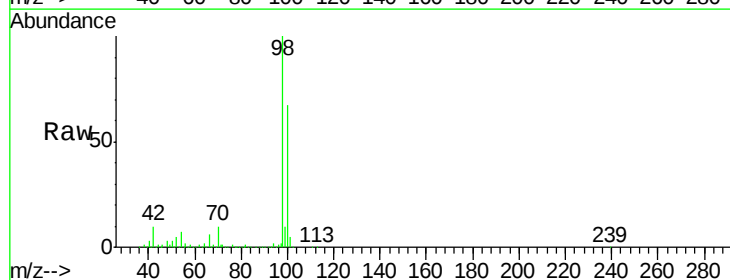


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

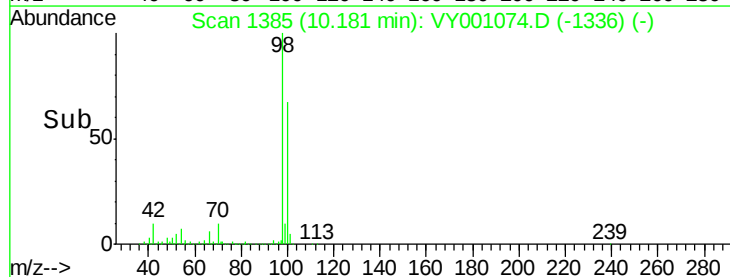
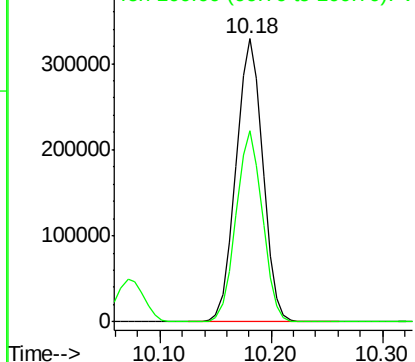


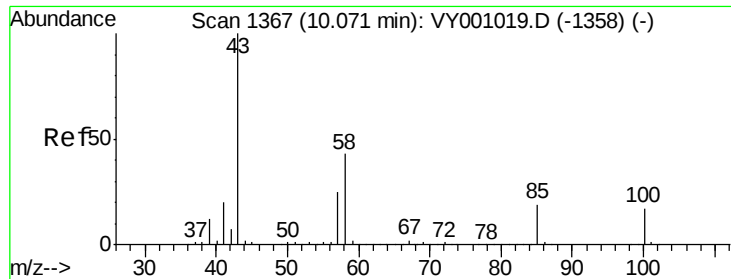
#50
Toluene-d8
Concen: 54.482 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 98 Resp: 546496
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

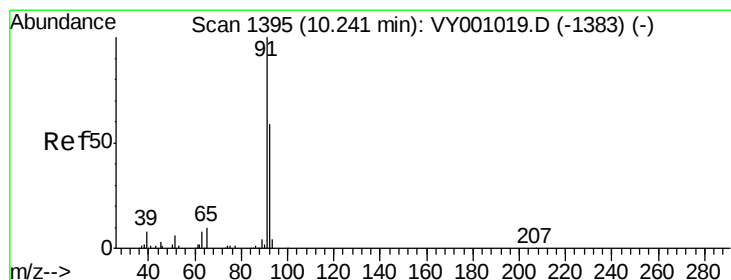
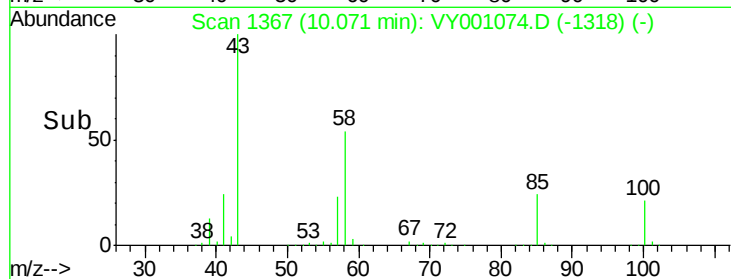
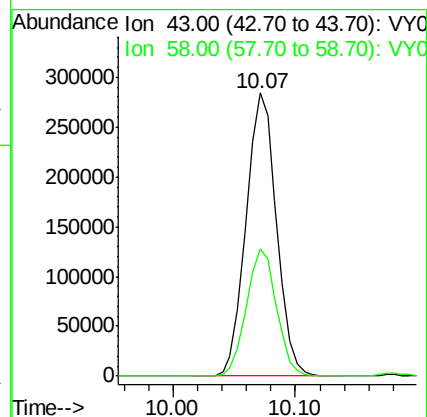
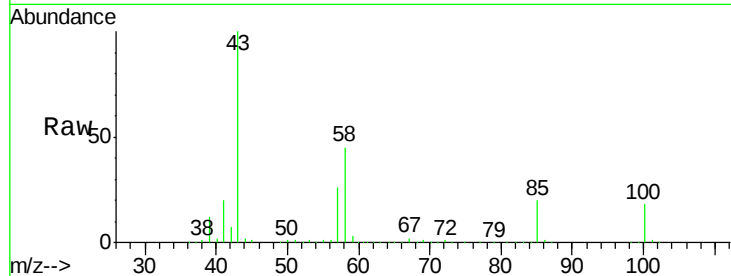




#51
4-Methyl-2-Pentanone
Concen: 220.592 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

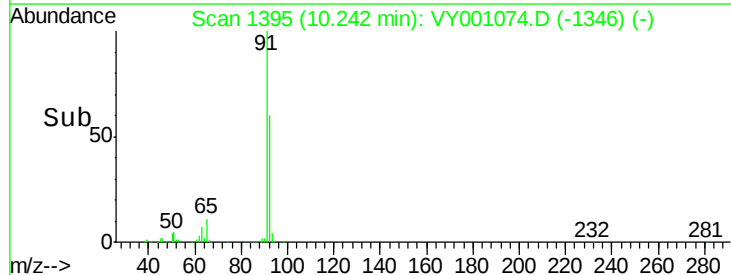
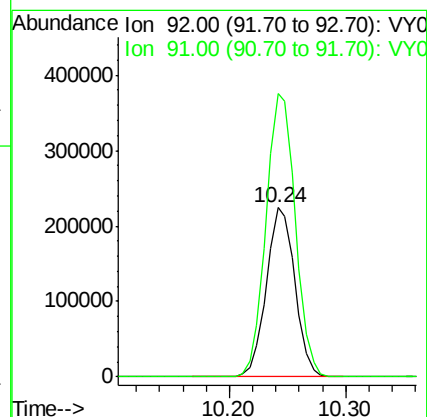
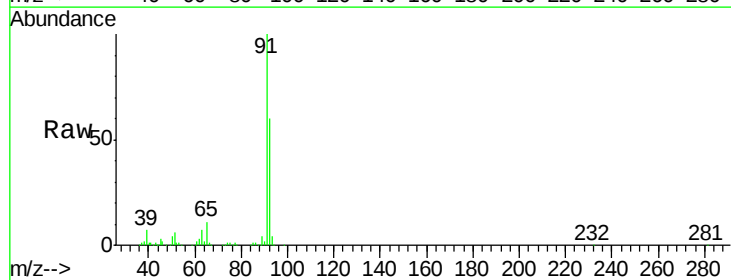
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

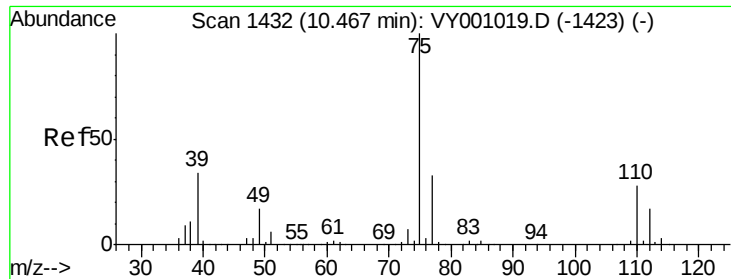
Tgt Ion: 43 Resp: 490059
Ion Ratio Lower Upper
43 100
58 44.5 34.6 52.0



#52
Toluene
Concen: 49.631 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 92 Resp: 383219
Ion Ratio Lower Upper
92 100
91 171.3 135.7 203.5

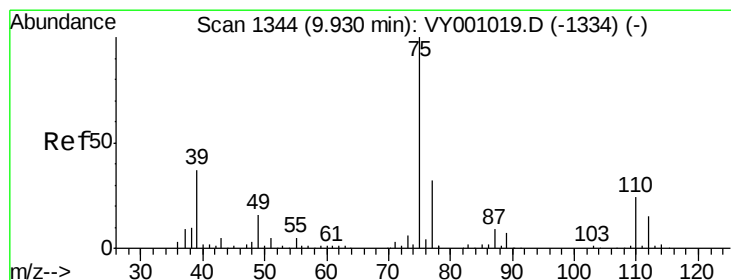
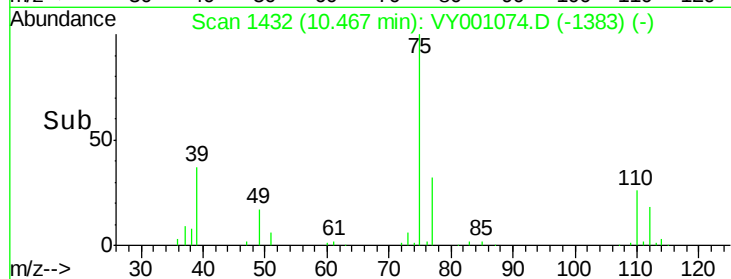
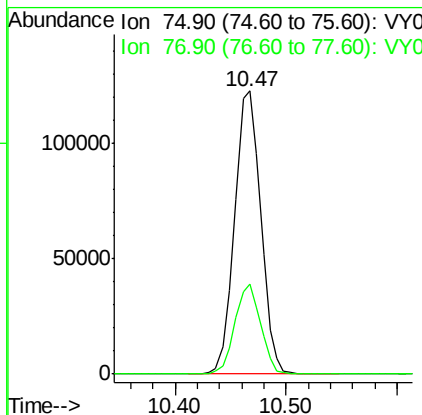
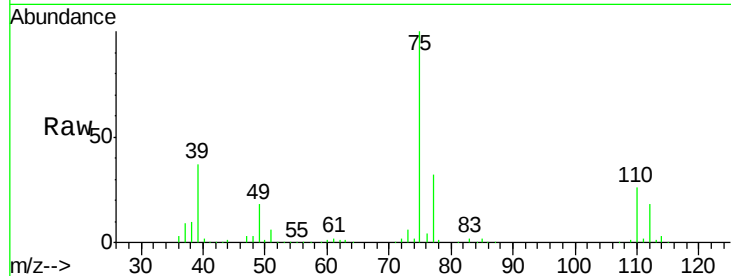




#53
 t-1,3-Dichloropropene
 Concen: 48.906 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

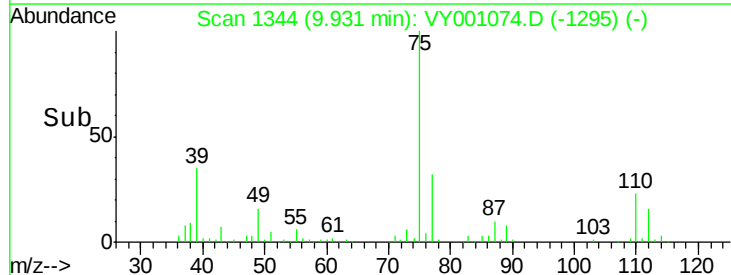
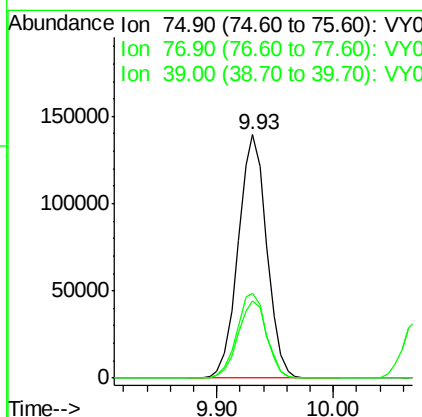
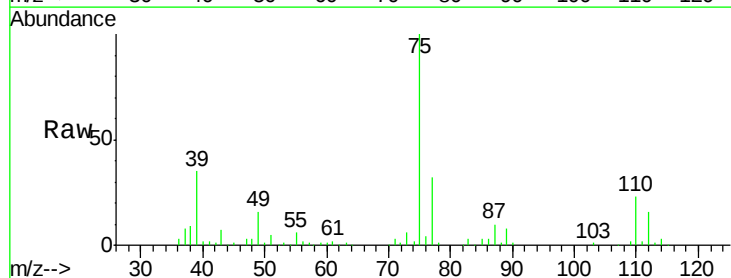
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

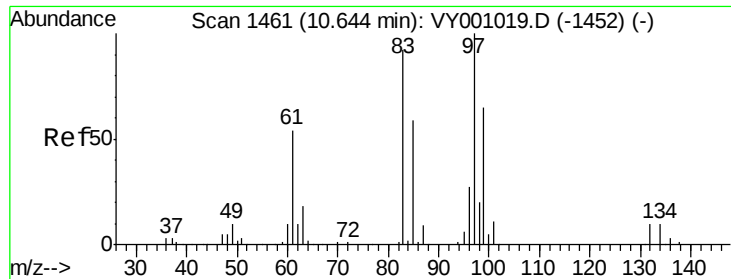
Tgt Ion: 75 Resp: 199454
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 48.364 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Tgt Ion: 75 Resp: 237177
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 35.0 29.5 44.3





#55

1,1,2-Trichloroethane

Concen: 48.802 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

Tgt Ion: 97 Resp: 118195

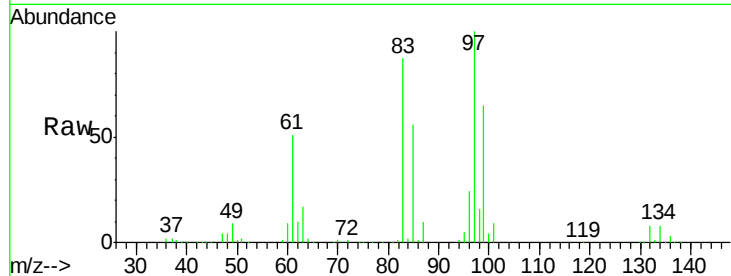
Ion Ratio Lower Upper

97 100

83 86.9 73.7 110.5

85 56.2 47.3 70.9

99 65.2 51.9 77.9

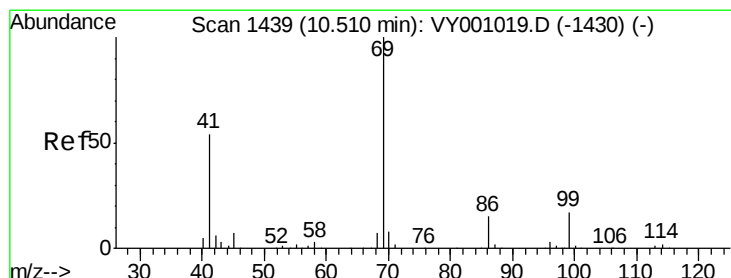
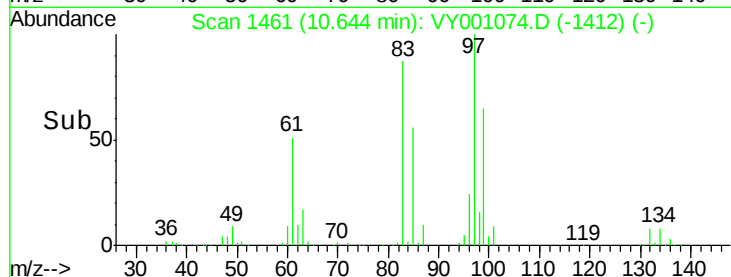
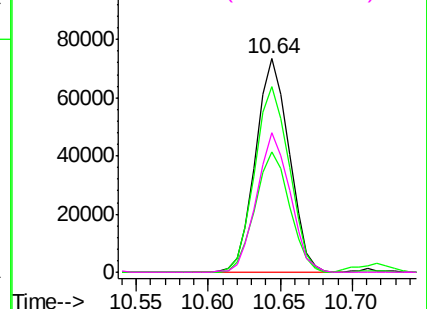


Abundance Ion 96.90 (96.60 to 97.60): VY001019.D (-1452) (-)

Ion 82.90 (82.60 to 83.60): VY001019.D (-1452) (-)

Ion 84.90 (84.60 to 85.60): VY001019.D (-1452) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-1452) (-)



#56

Ethyl methacrylate

Concen: 44.001 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

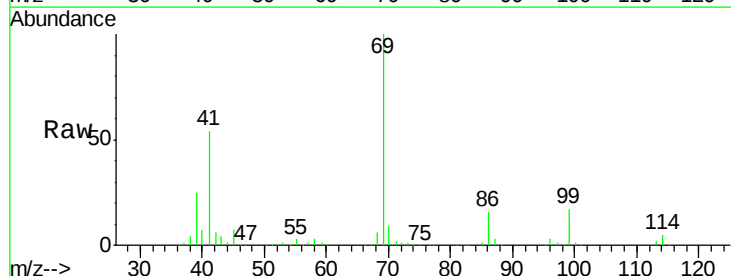
Tgt Ion: 69 Resp: 151669

Ion Ratio Lower Upper

69 100

41 54.0 44.7 67.1

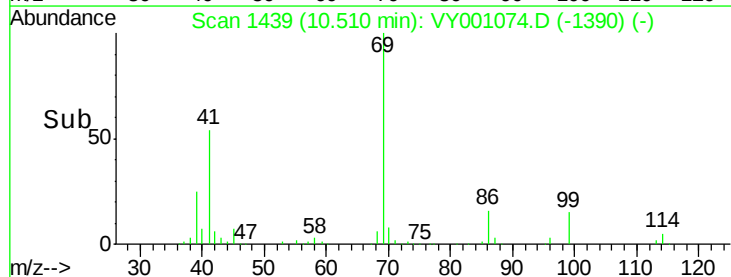
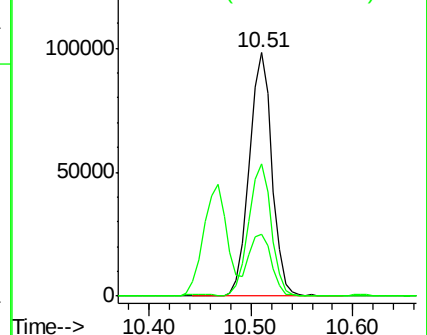
39 24.9 22.2 33.4

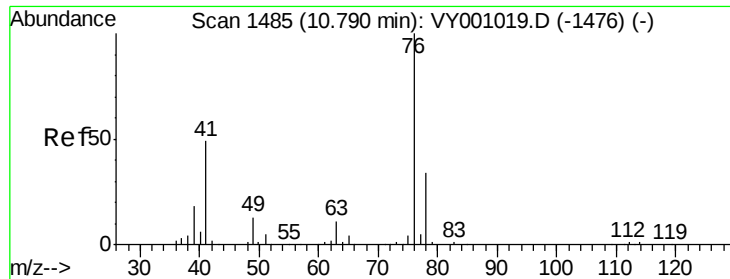


Abundance Ion 69.00 (68.70 to 69.70): VY001019.D (-1430) (-)

Ion 41.00 (40.70 to 41.70): VY001019.D (-1430) (-)

Ion 39.00 (38.70 to 39.70): VY001019.D (-1430) (-)





#57

1,3-Dichloropropane

Concen: 48.364 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

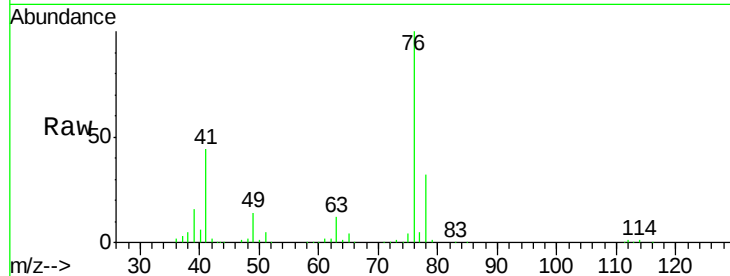
SB-2-(4-5)MSD

Tgt Ion: 76 Resp: 205313

Ion Ratio Lower Upper

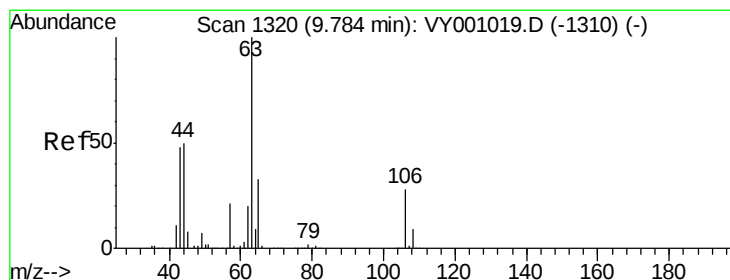
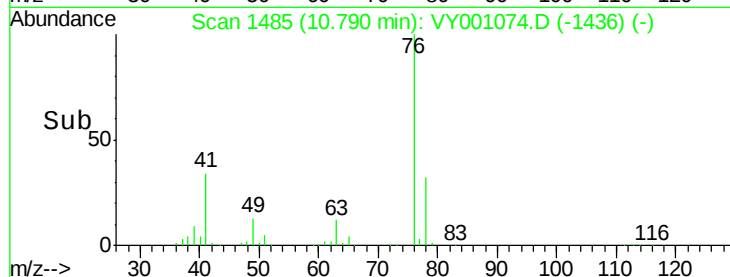
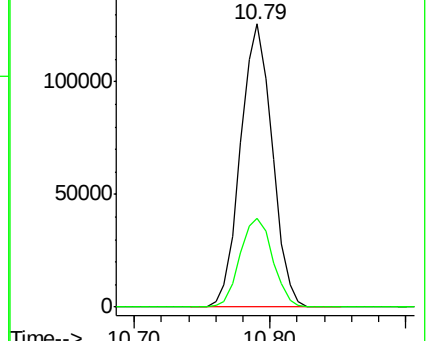
76 100

78 32.3 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: 223.330 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001074.D

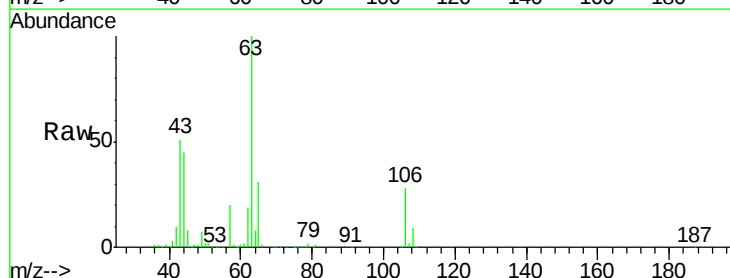
Acq: 26 Dec 2019 15:58

Tgt Ion: 63 Resp: 297329

Ion Ratio Lower Upper

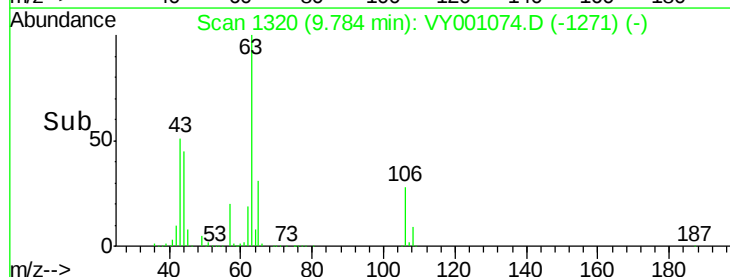
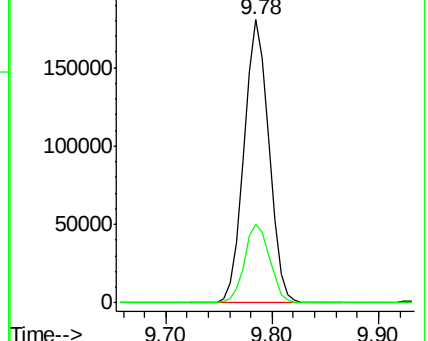
63 100

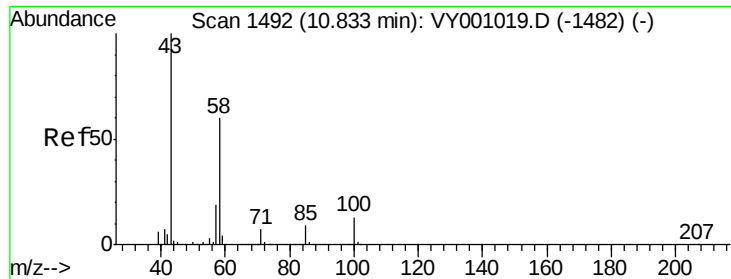
106 28.1 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

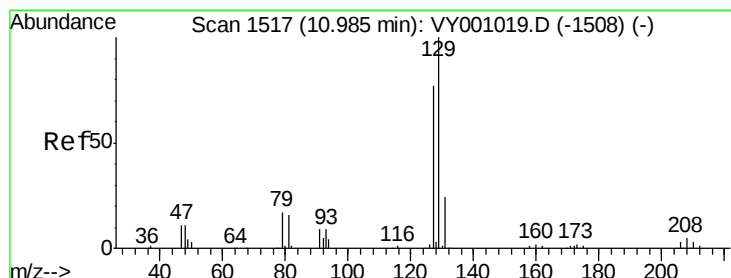
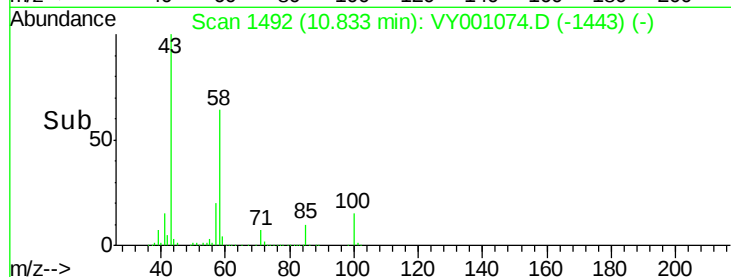
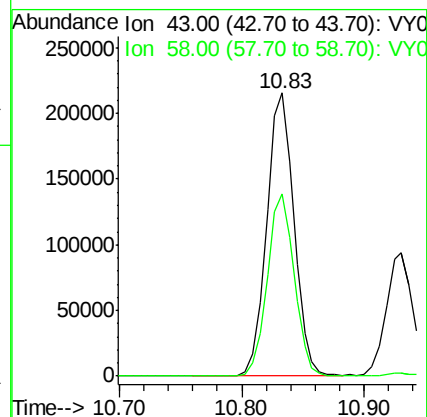
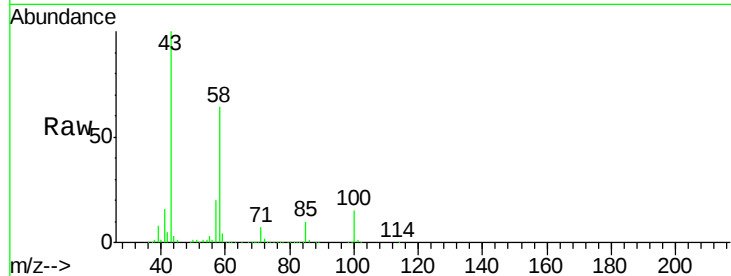




#59
2-Hexanone
Concen: 218.341 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

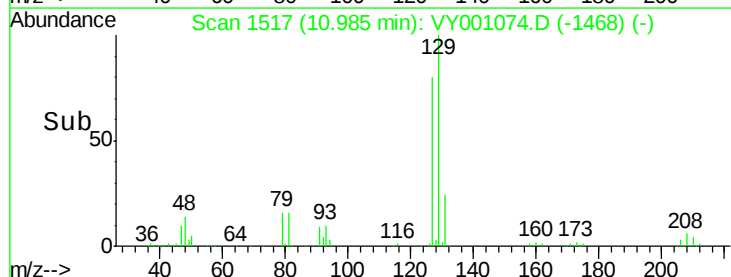
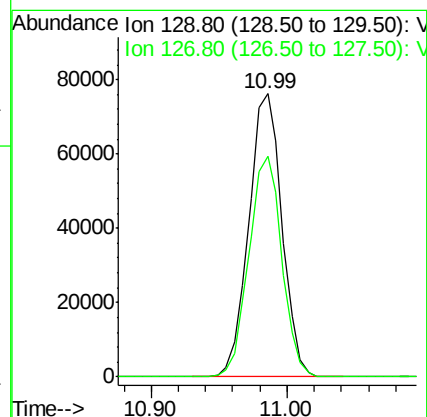
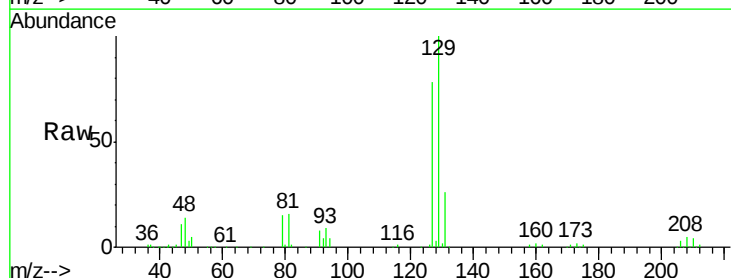
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

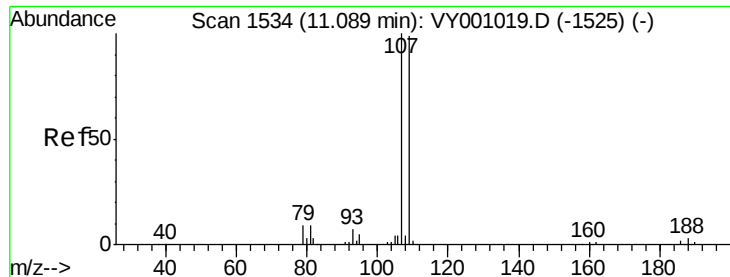
Tgt Ion: 43 Resp: 335632
Ion Ratio Lower Upper
43 100
58 63.4 30.6 91.6



#60
Dibromochloromethane
Concen: 50.304 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 129 Resp: 130137
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3

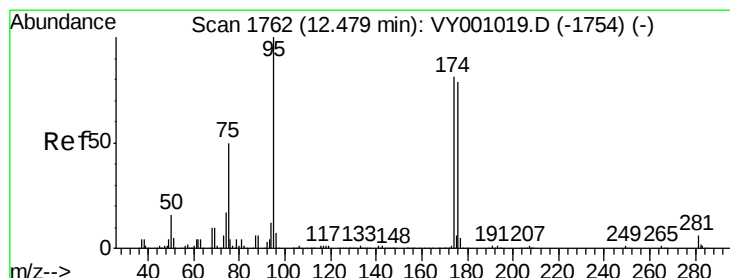
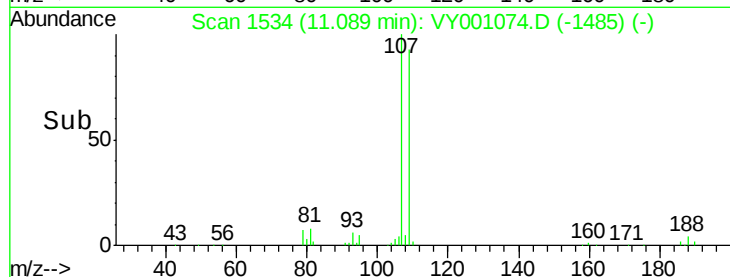
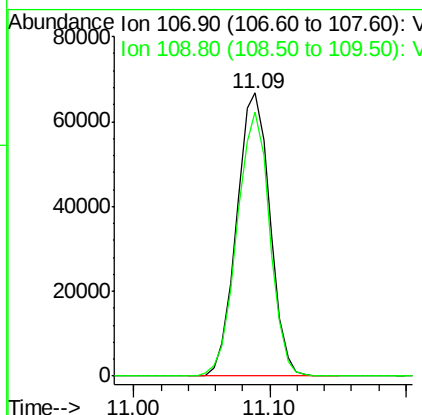
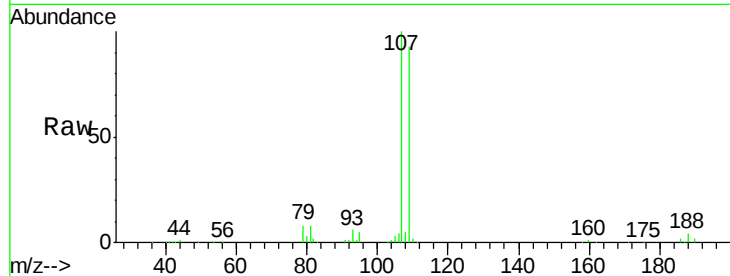




#61
 1,2-Dibromoethane
 Concen: 49.223 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

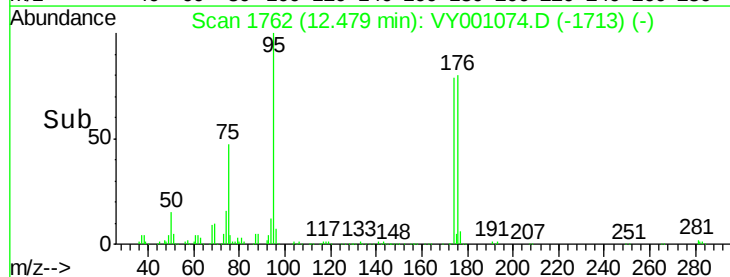
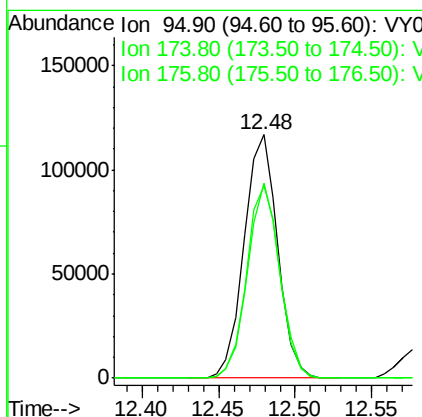
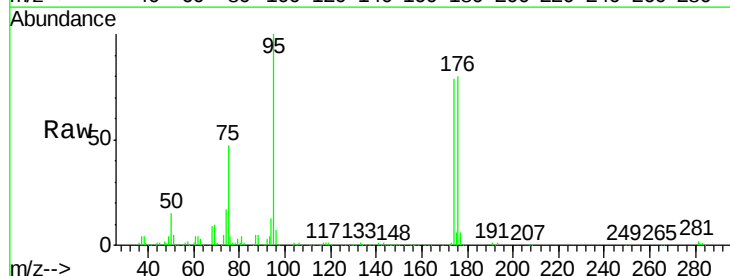
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

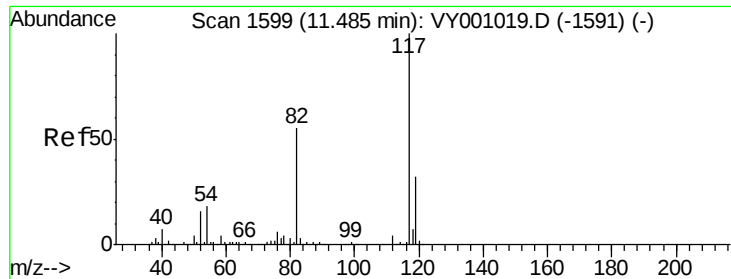
Tgt Ion: 107 Resp: 113999
 Ion Ratio Lower Upper
 107 100
 109 91.7 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.368 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Tgt Ion: 95 Resp: 177384
 Ion Ratio Lower Upper
 95 100
 174 79.1 0.0 156.4
 176 76.6 0.0 155.0

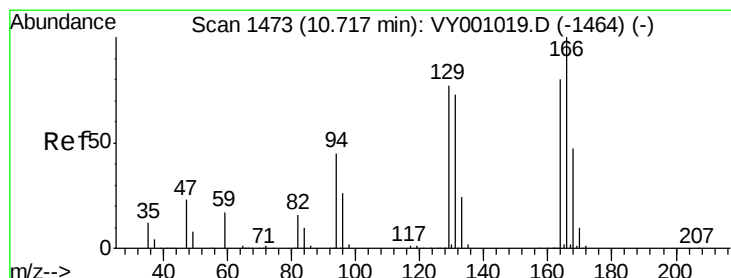
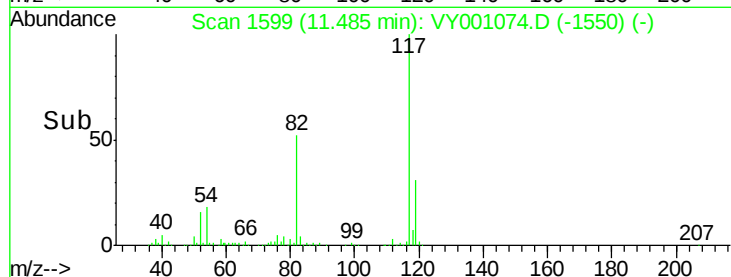
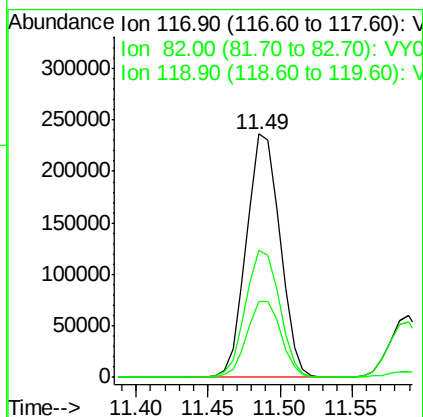
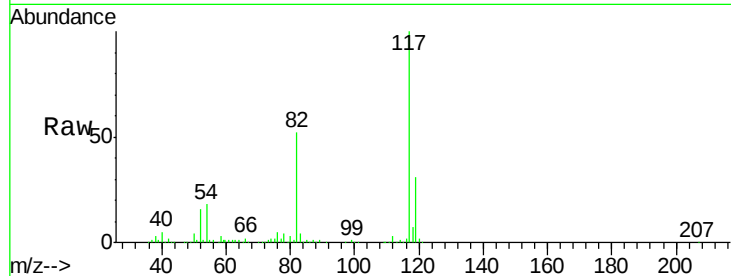




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

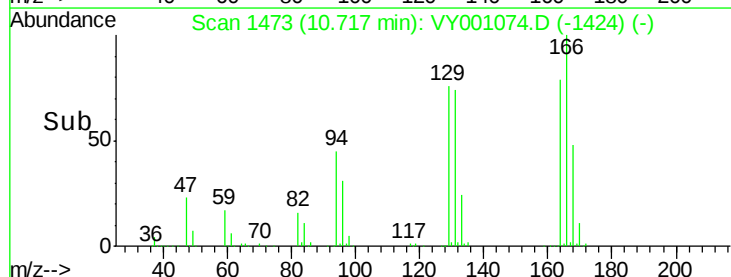
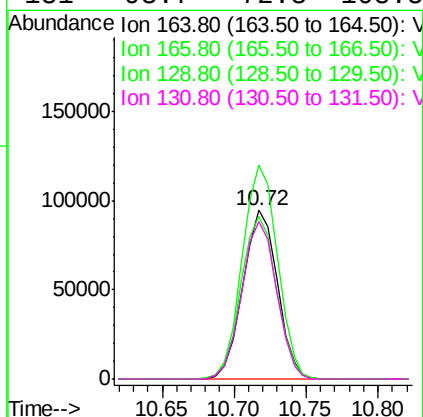
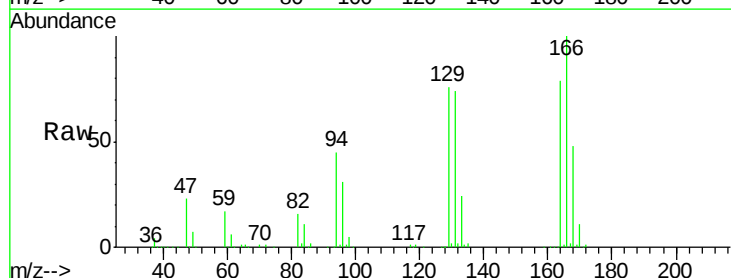
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

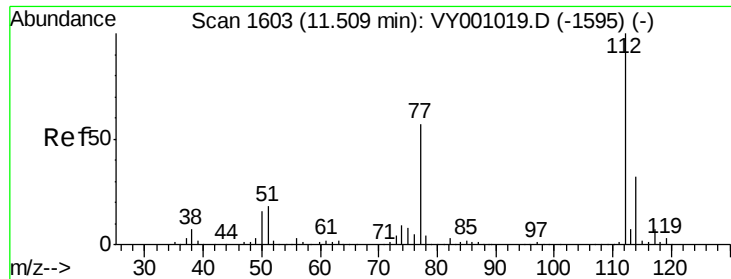
Tgt Ion:117 Resp: 382563
Ion Ratio Lower Upper
117 100
82 52.4 43.8 65.8
119 31.3 25.8 38.6



#64
Tetrachloroethene
Concen: 47.341 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion:164 Resp: 156701
Ion Ratio Lower Upper
164 100
166 126.7 99.7 149.5
129 96.4 76.9 115.3
131 93.7 72.3 108.5

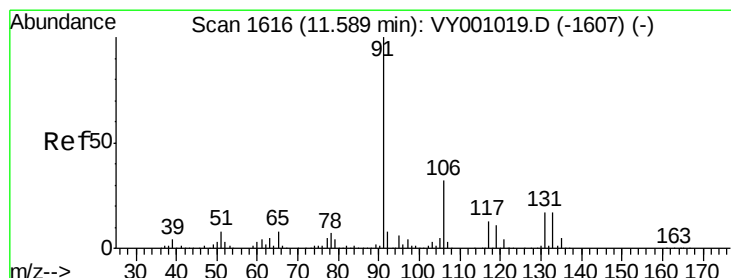
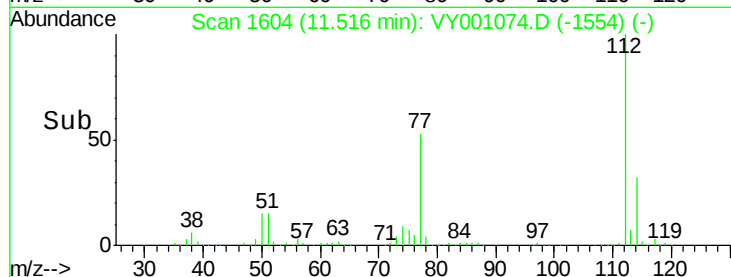
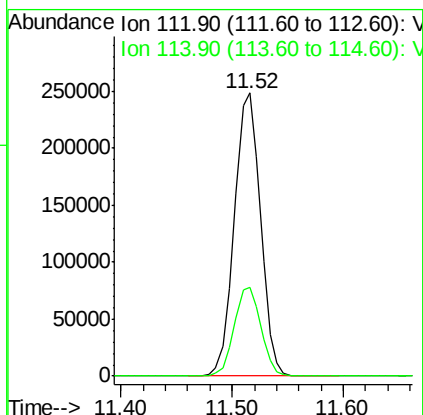
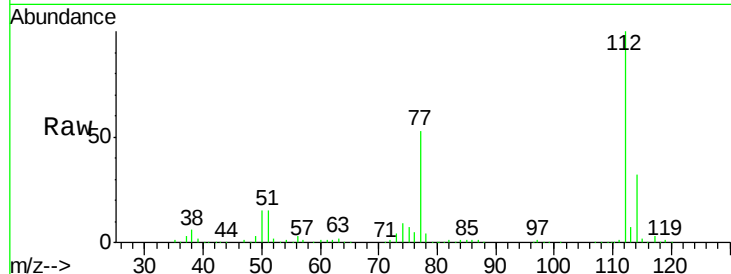




#65
Chlorobenzene
Concen: 50.900 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

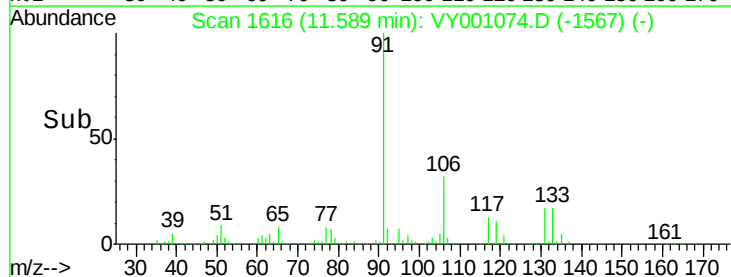
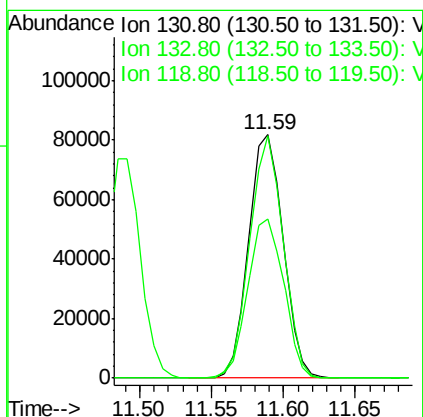
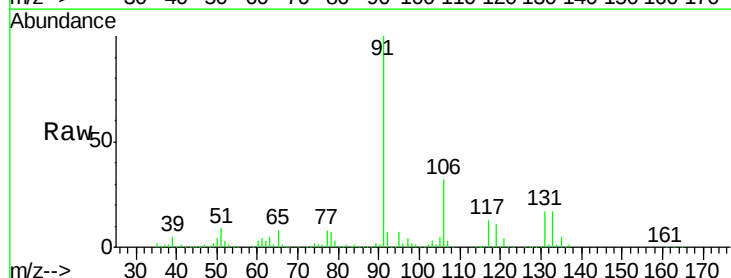
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

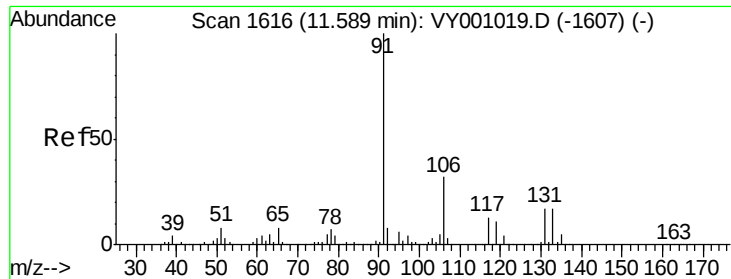
Tgt Ion:112 Resp: 403921
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.739 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion:131 Resp: 135491
Ion Ratio Lower Upper
131 100
133 96.7 48.1 144.4
119 68.3 34.0 101.8

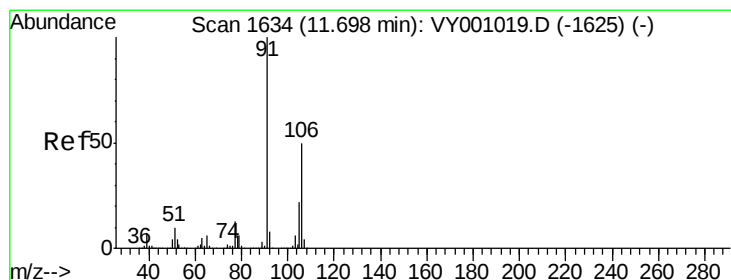
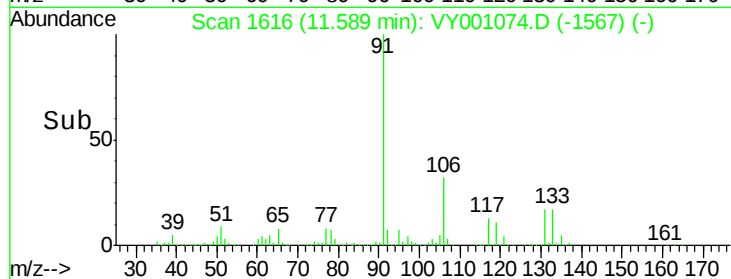
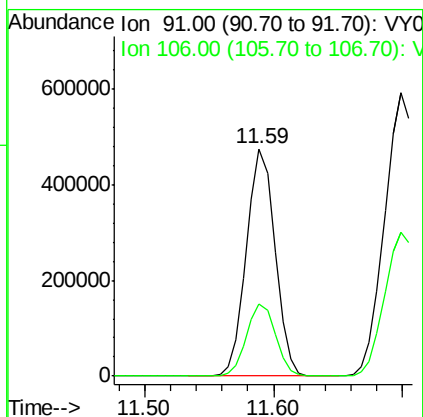
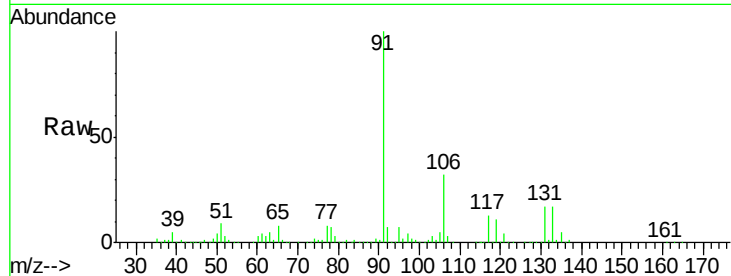




#67
Ethyl Benzene
Concen: 50.938 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

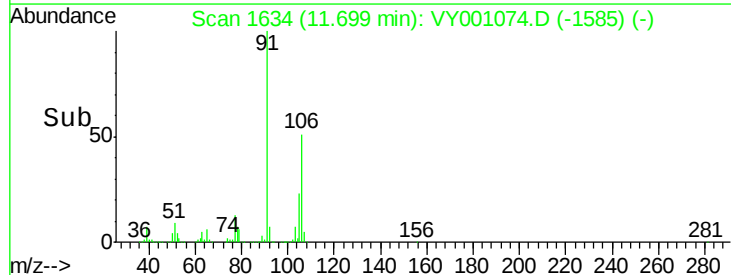
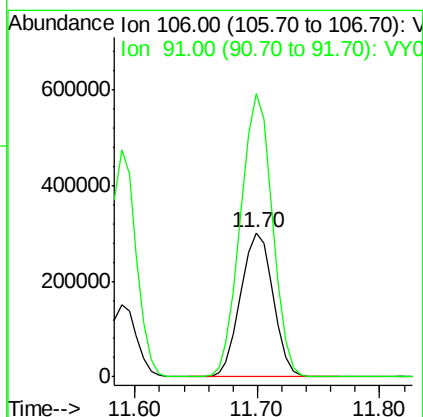
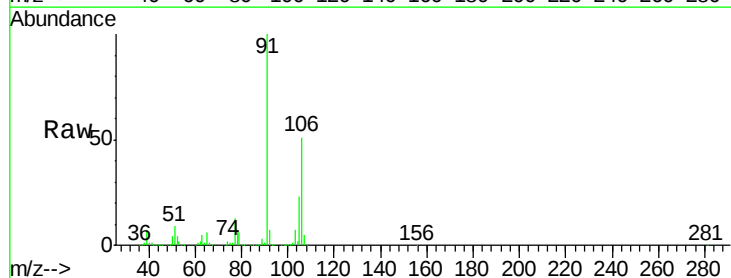
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

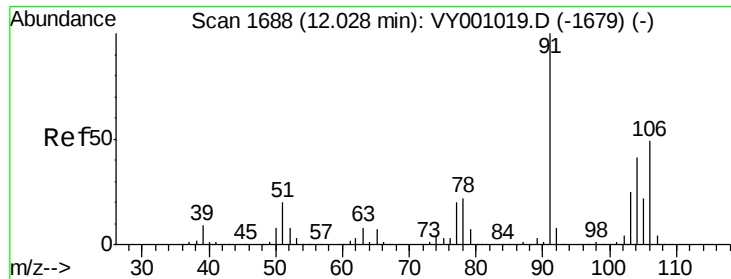
Tgt Ion: 91 Resp: 727064
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 102.636 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 106 Resp: 556244
Ion Ratio Lower Upper
106 100
91 192.8 156.4 234.6

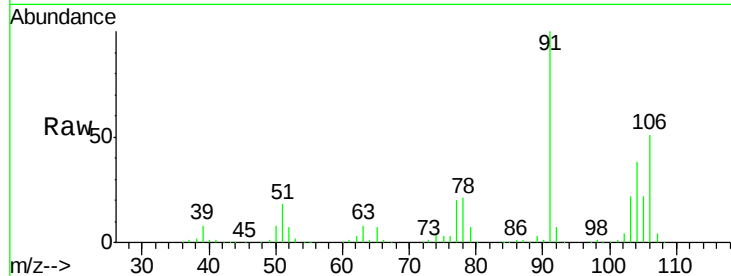




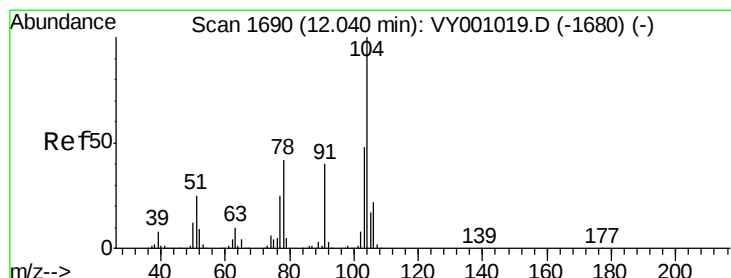
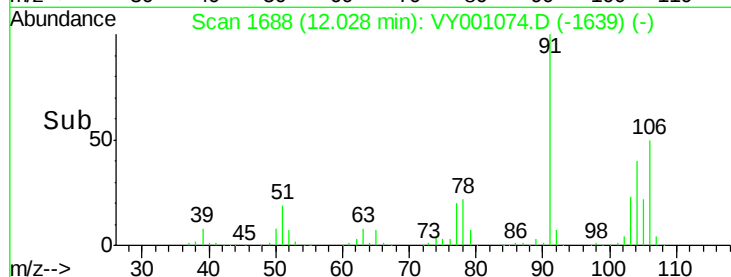
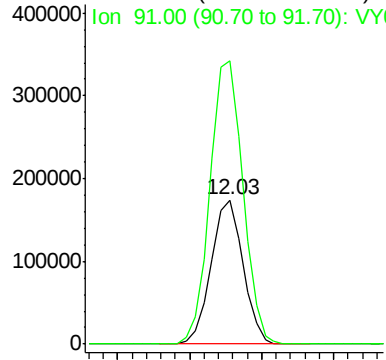
#69
o-Xylene
Concen: 52.589 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

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

Tgt Ion:106 Resp: 268130
Ion Ratio Lower Upper
106 100
91 202.6 103.0 309.0

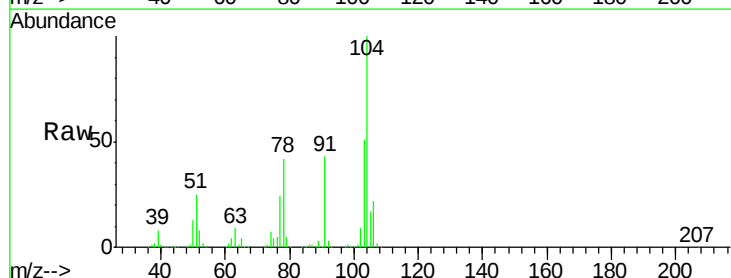


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

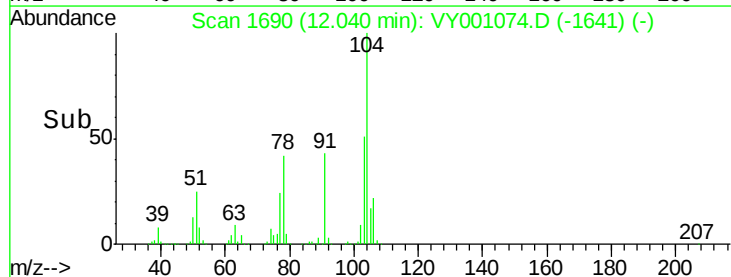
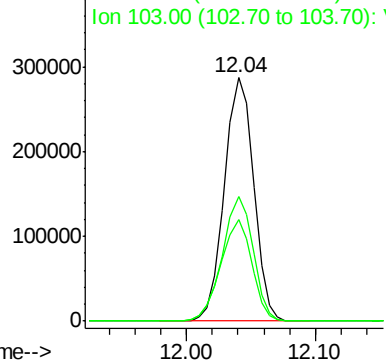


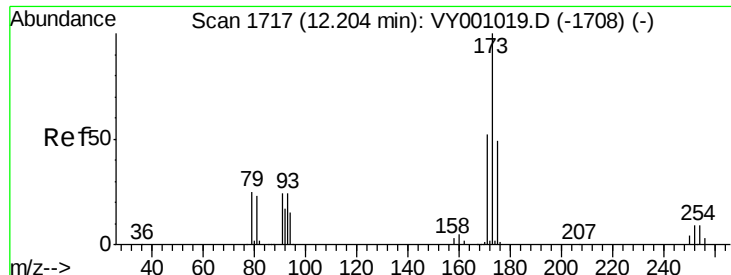
#70
Styrene
Concen: 52.036 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion:104 Resp: 451116
Ion Ratio Lower Upper
104 100
78 44.4 36.6 54.8
103 53.7 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

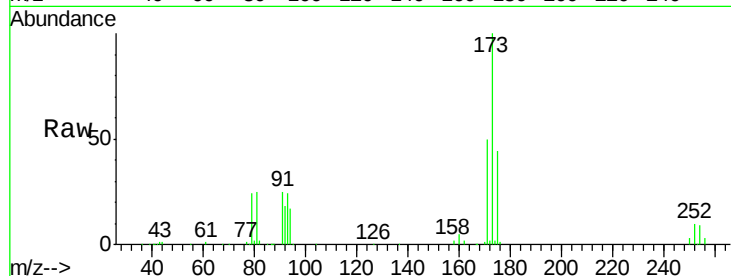




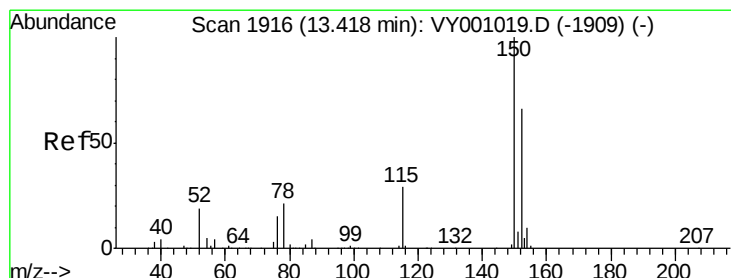
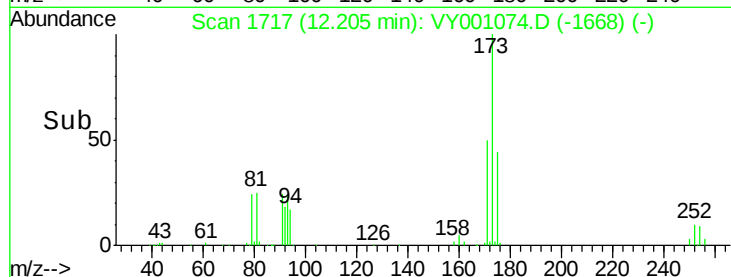
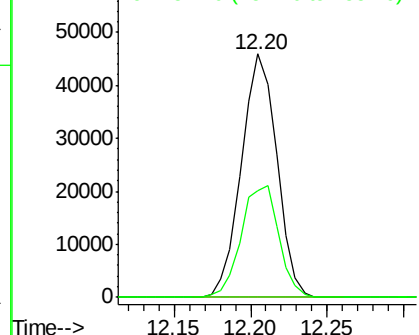
#71
Bromoform
Concen: 50.812 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

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

Tgt Ion:173 Resp: 74092
Ion Ratio Lower Upper
173 100
175 48.7 24.5 73.5
254 0.0 0.0 0.0

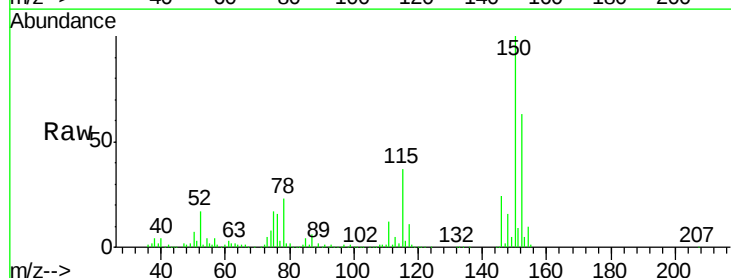


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

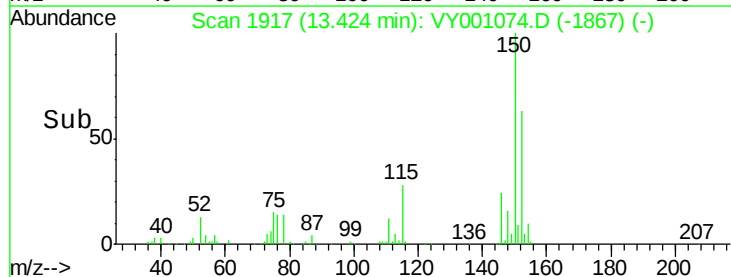
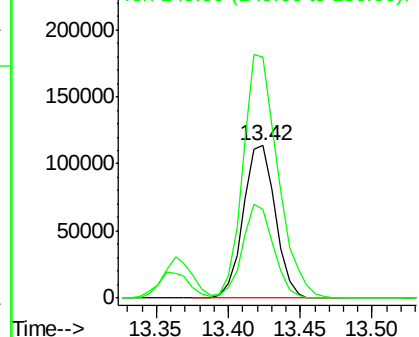


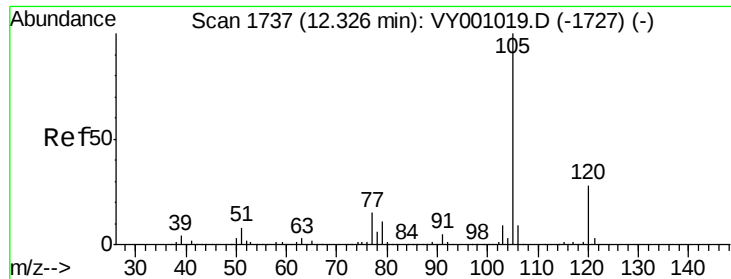
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion:152 Resp: 175183
Ion Ratio Lower Upper
152 100
115 58.7 29.8 89.3
150 173.4 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: 54.033 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

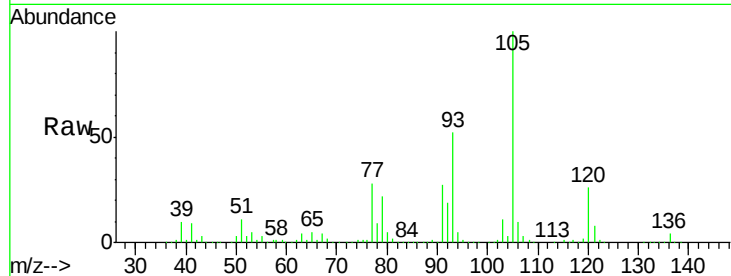
SB-2-(4-5)MSD

Tgt Ion: 105 Resp: 732493

Ion Ratio Lower Upper

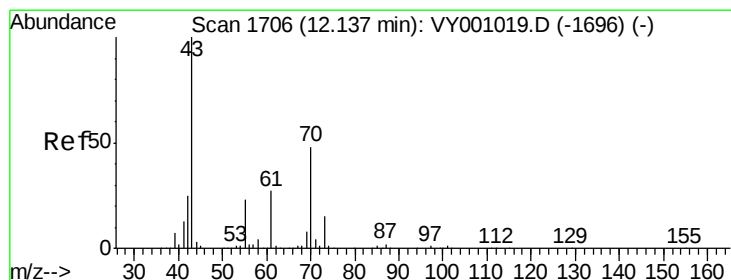
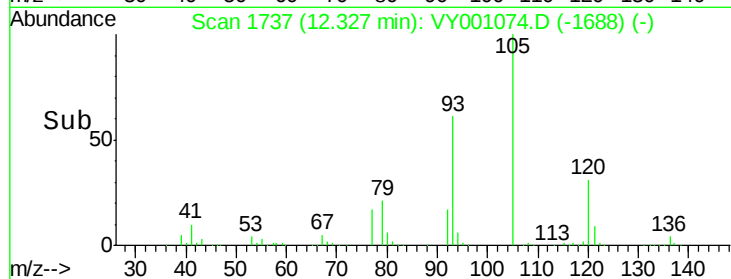
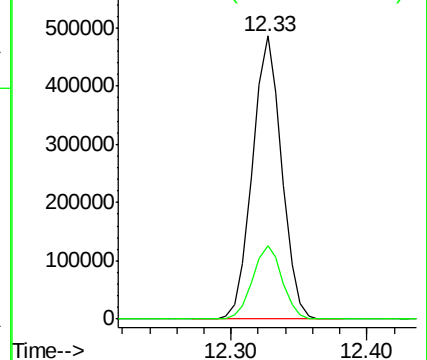
105 100

120 26.2 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: 39.581 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Tgt Ion: 43 Resp: 140964

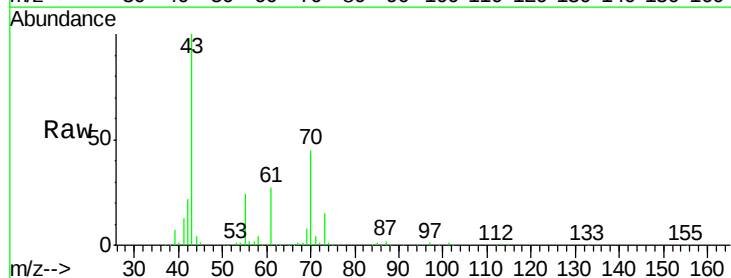
Ion Ratio Lower Upper

43 100

70 50.2 39.0 58.6

55 25.0 19.5 29.3

61 28.7 22.0 33.0

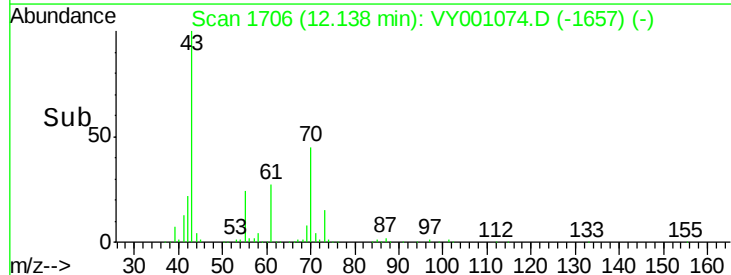
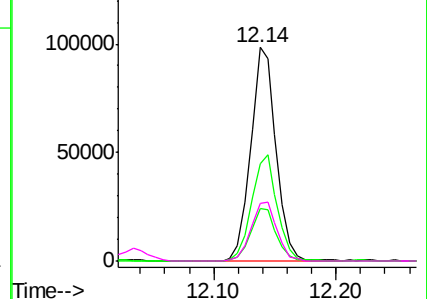


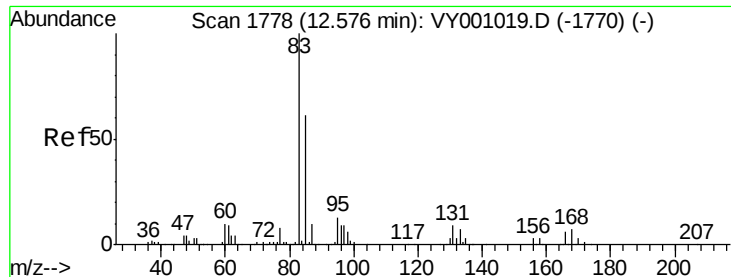
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 50.132 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

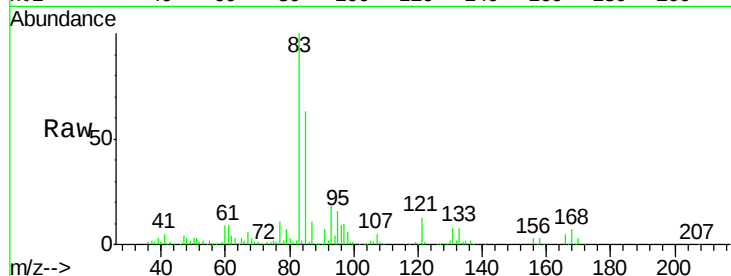
Tgt Ion: 83 Resp: 133884

Ion Ratio Lower Upper

83 100

131 9.5 5.1 15.3

85 62.8 32.1 96.5

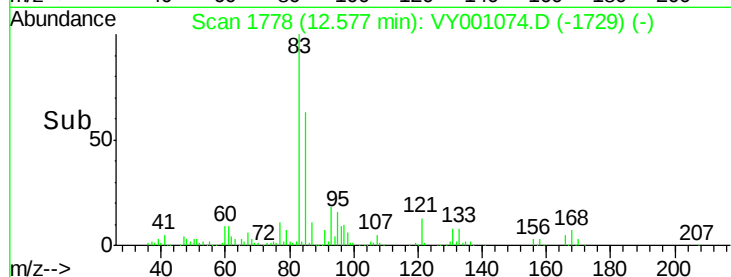


Abundance Ion 82.90 (82.60 to 83.60): VY001019.D (-1770) (-)

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

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

Time-->

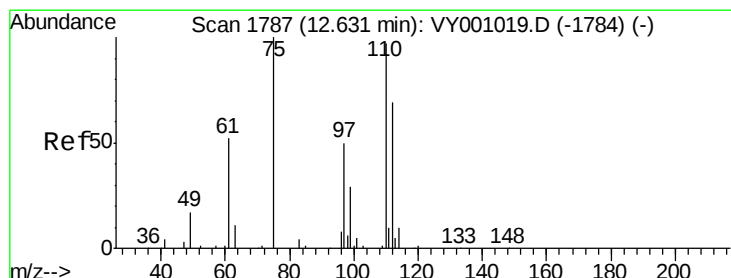


Abundance Ion 82.90 (82.60 to 83.60): VY001074.D (-1729) (-)

Ion 130.80 (130.50 to 131.50): VY001074.D (-1729) (-)

Ion 84.90 (84.60 to 85.60): VY001074.D (-1729) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 80.689 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001074.D

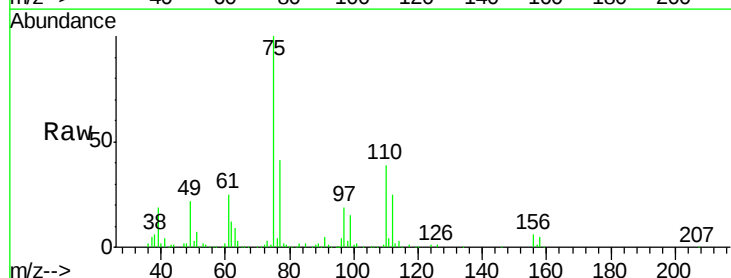
Acq: 26 Dec 2019 15:58

Tgt Ion: 75 Resp: 174260

Ion Ratio Lower Upper

75 100

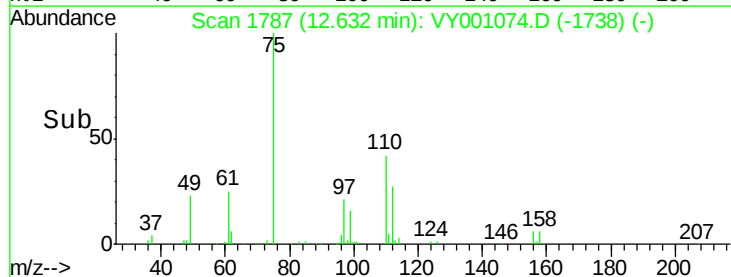
77 0.0 0.0 0.0



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

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

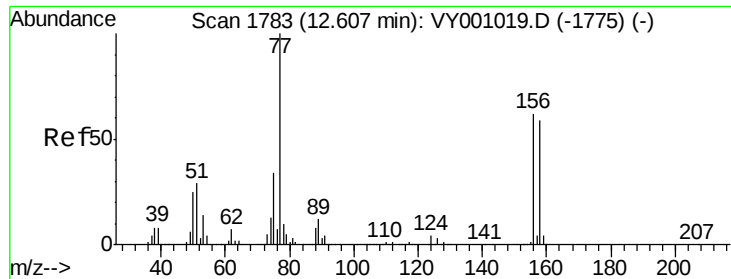
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VY001074.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY001074.D (-1738) (-)

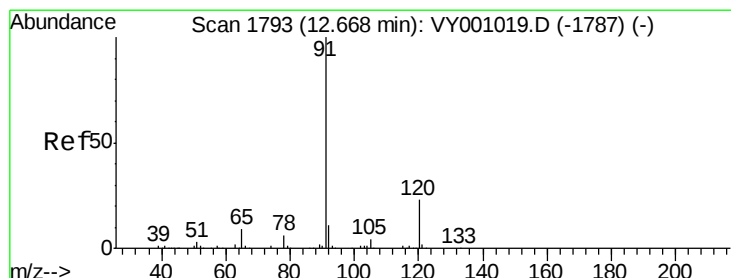
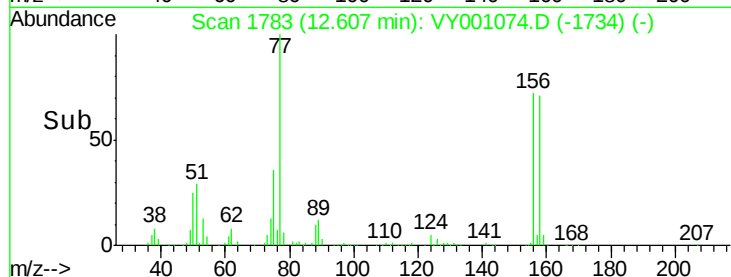
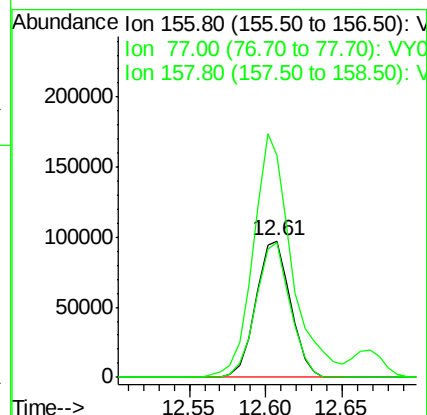
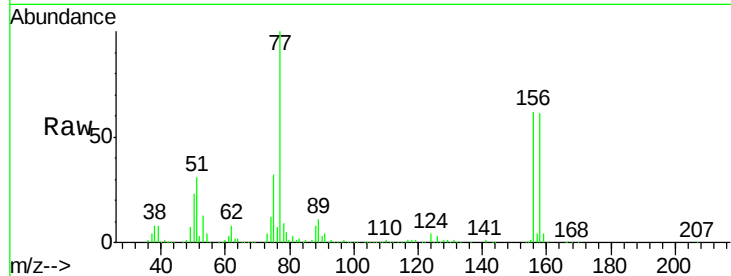
Time-->



#77
Bromobenzene
Concen: 50.446 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

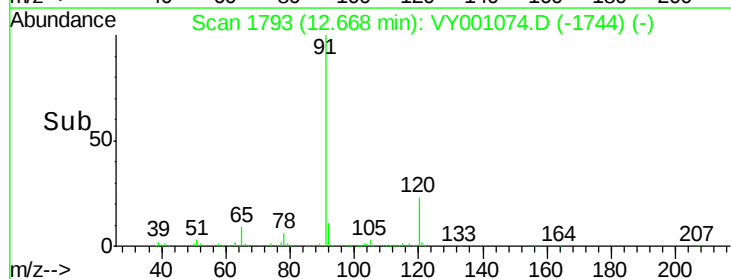
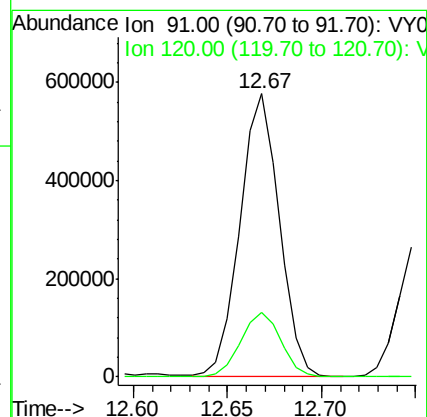
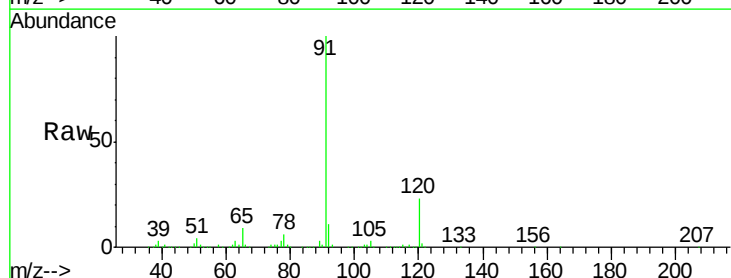
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

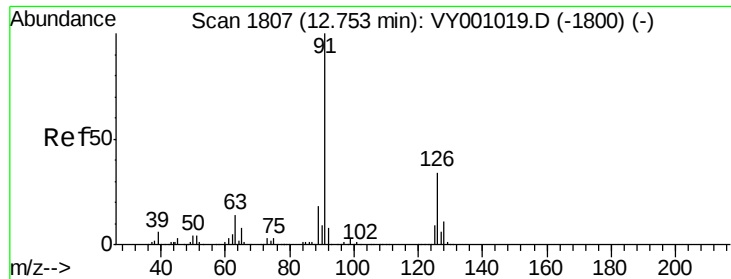
Tgt Ion:156 Resp: 153805
Ion Ratio Lower Upper
156 100
77 198.0 98.0 294.1
158 97.3 48.5 145.6



#78
n-propylbenzene
Concen: 50.556 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 91 Resp: 835113
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.2





#79

2-Chlorotoluene

Concen: 49.749 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

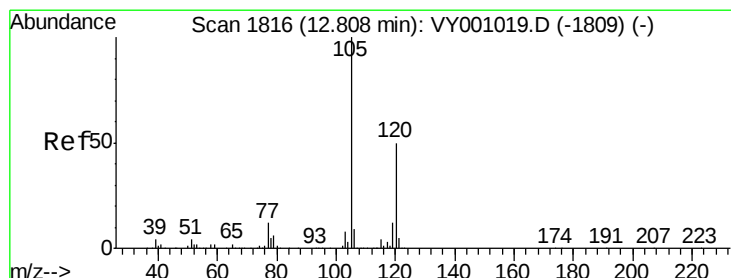
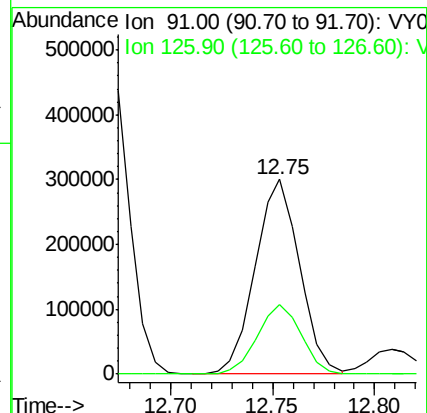
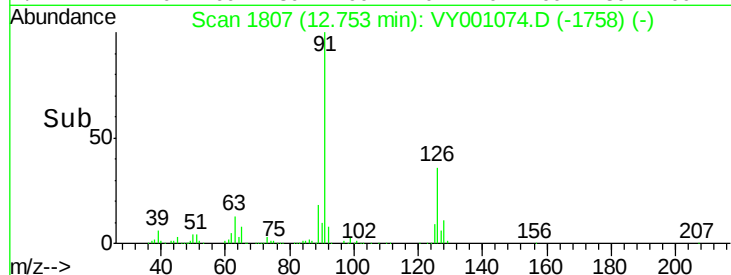
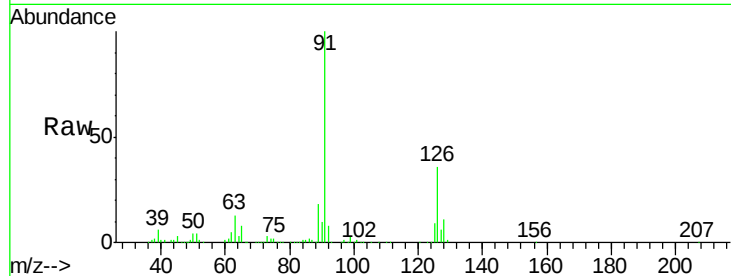
SB-2-(4-5)MSD

Tgt Ion: 91 Resp: 453823

Ion Ratio Lower Upper

91 100

126 35.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 51.521 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001074.D

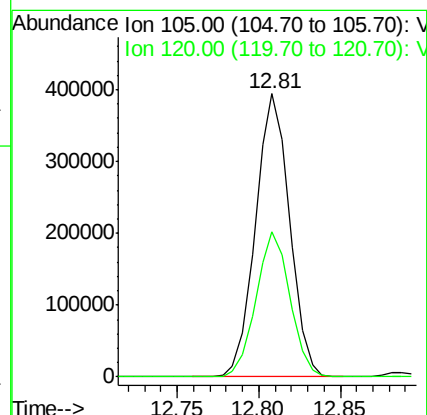
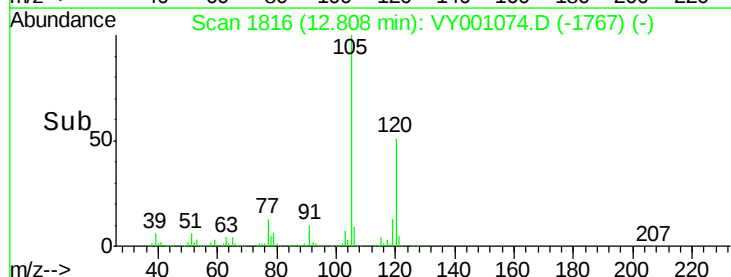
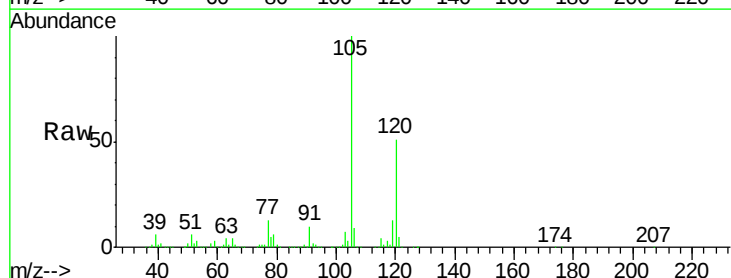
Acq: 26 Dec 2019 15:58

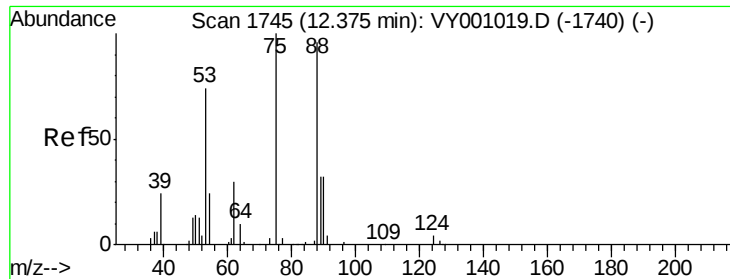
Tgt Ion: 105 Resp: 572513

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 45.331 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001074.D

Acq: 26 Dec 2019 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

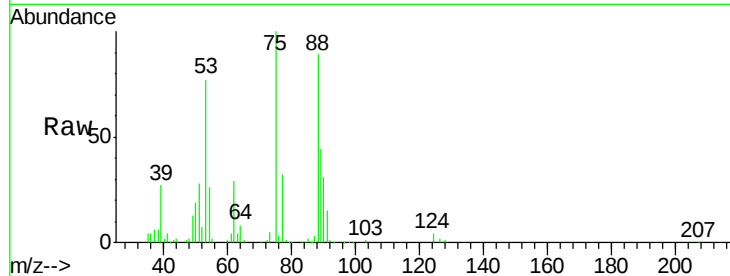
Tgt Ion: 75 Resp: 45902

Ion Ratio Lower Upper

75 100

53 73.4 60.6 91.0

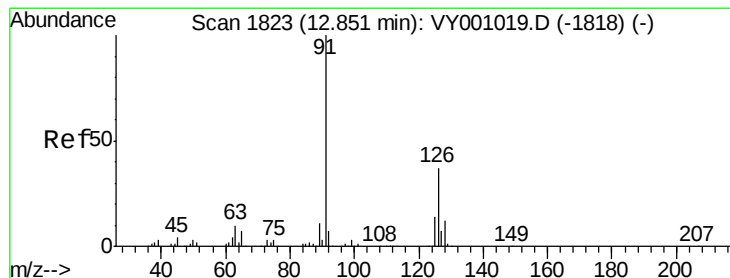
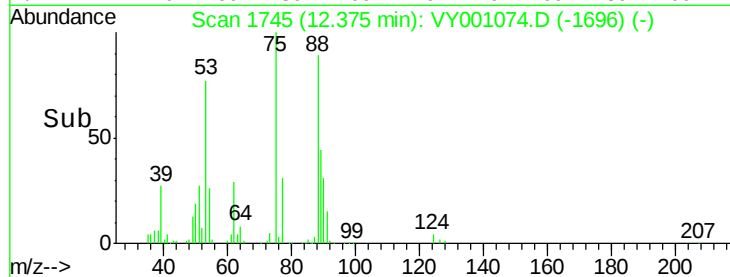
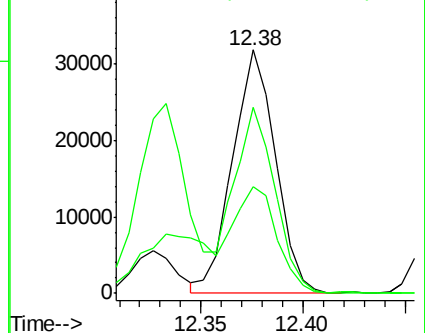
89 45.6 35.4 53.0



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: 44.507 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001074.D

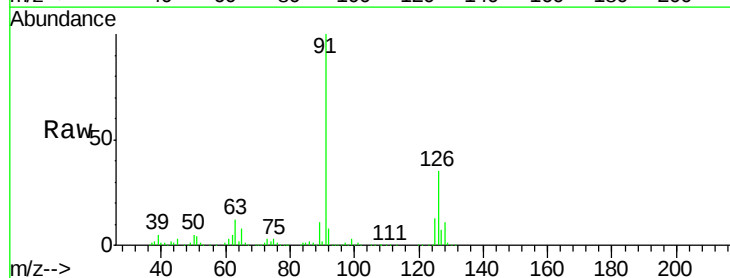
Acq: 26 Dec 2019 15:58

Tgt Ion: 91 Resp: 421707

Ion Ratio Lower Upper

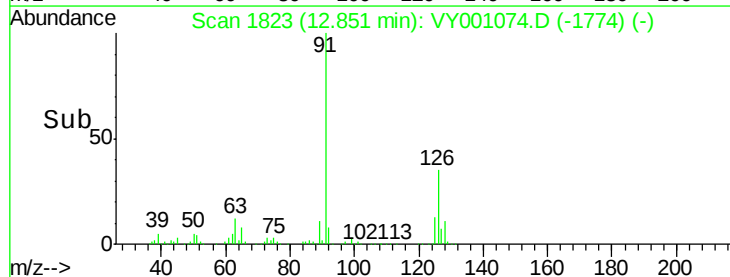
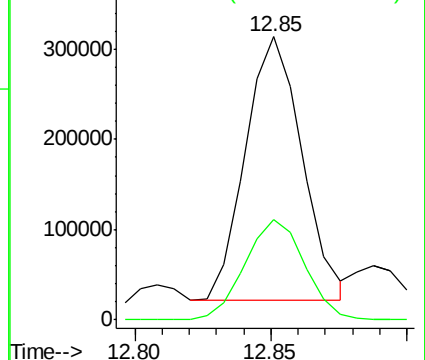
91 100

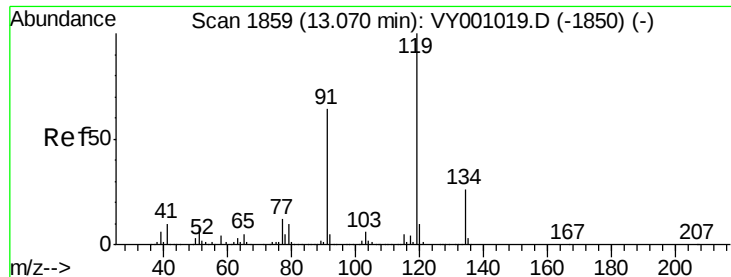
126 40.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

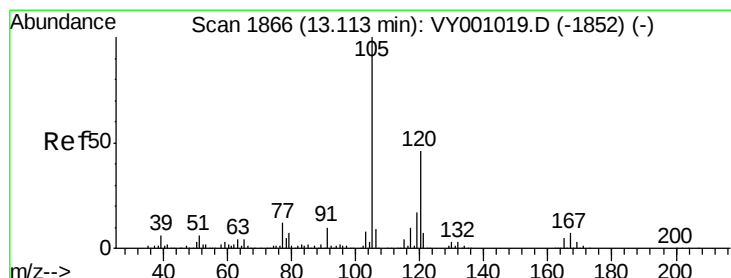
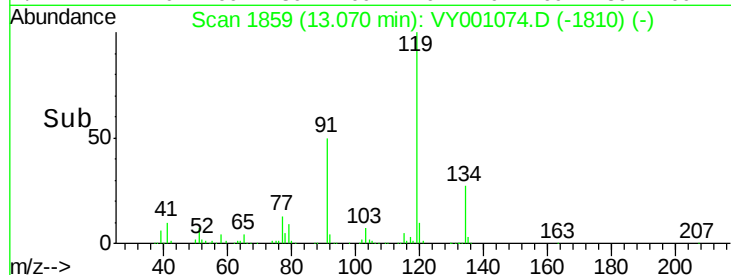
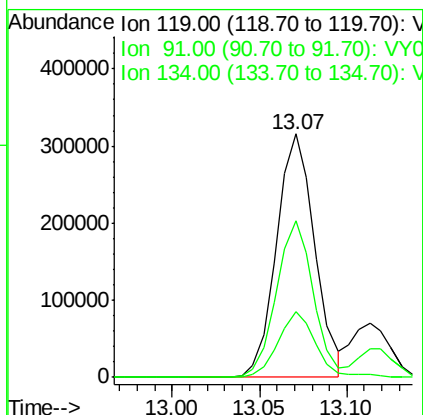
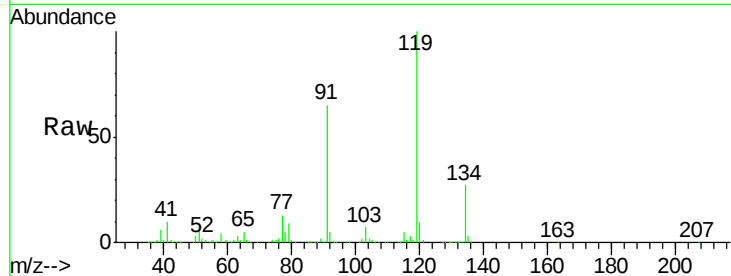




#83
tert-Butylbenzene
Concen: 51.628 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

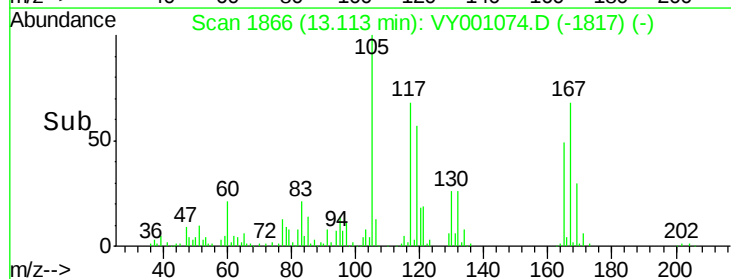
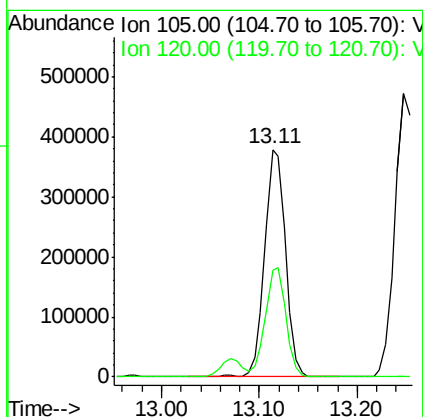
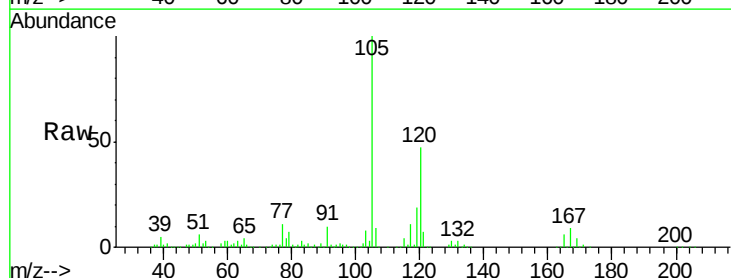
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

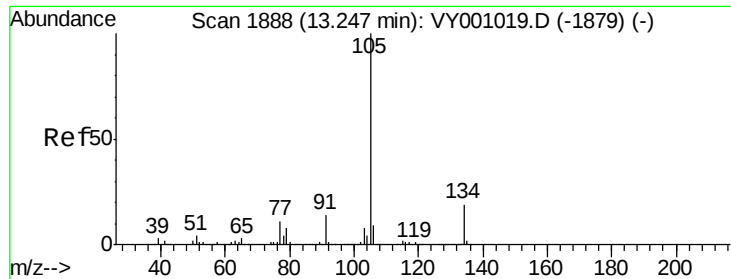
Tgt Ion:119 Resp: 481581
Ion Ratio Lower Upper
119 100
91 62.1 31.9 95.7
134 26.9 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 50.916 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion:105 Resp: 568547
Ion Ratio Lower Upper
105 100
120 47.5 23.4 70.2

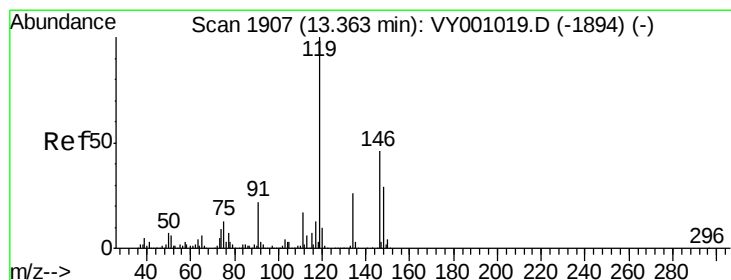
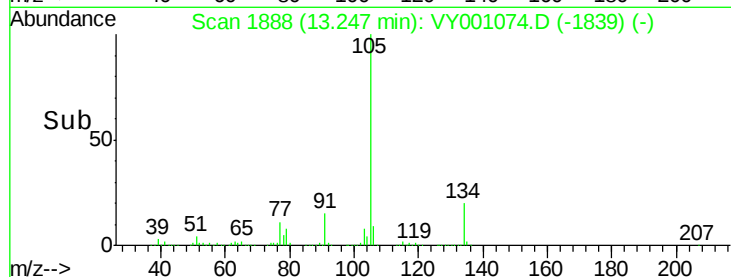
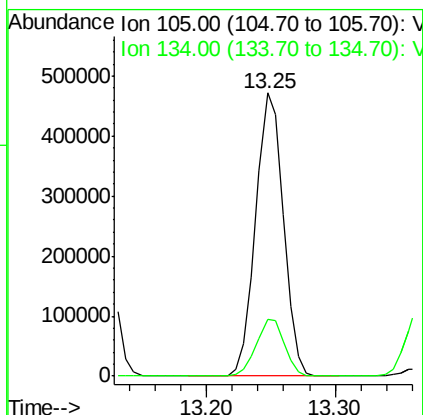
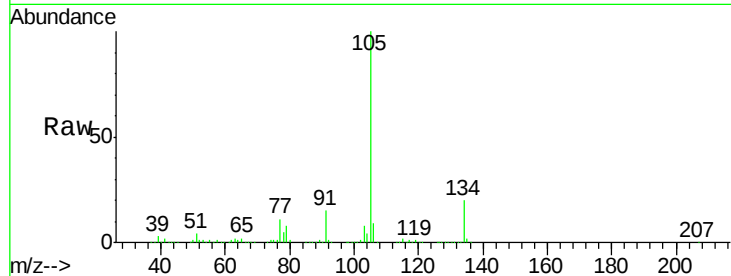




#85
 sec-Butylbenzene
 Concen: 50.769 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

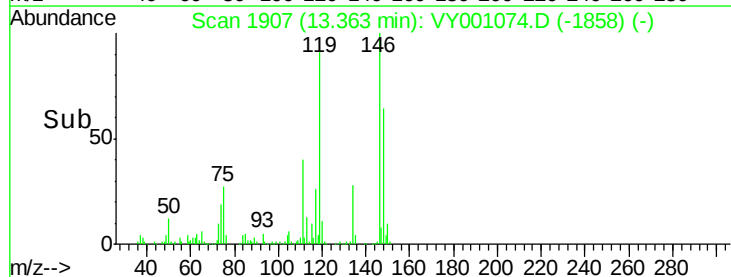
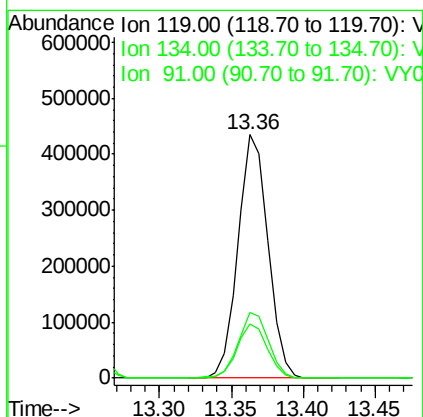
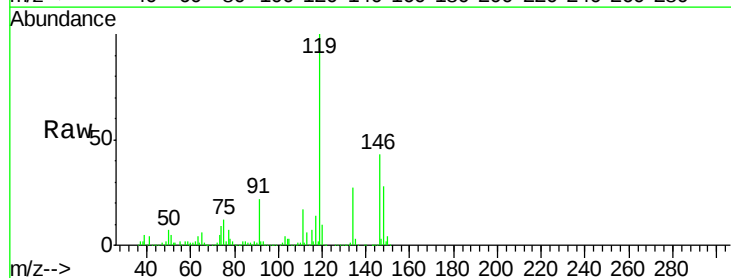
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

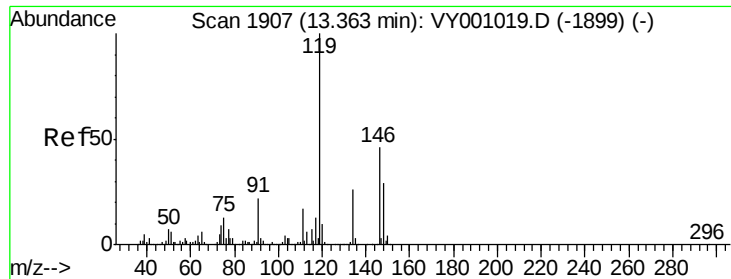
Tgt Ion:105 Resp: 698155
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 52.706 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Tgt Ion:119 Resp: 627150
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 22.6 11.4 34.1

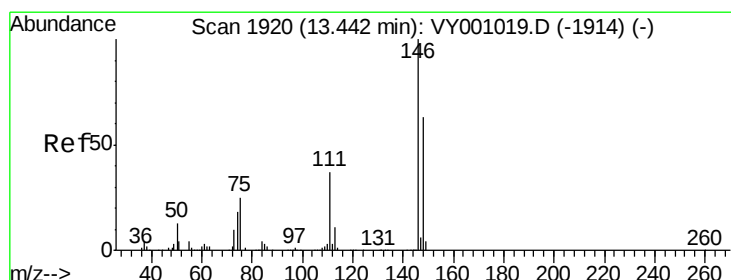
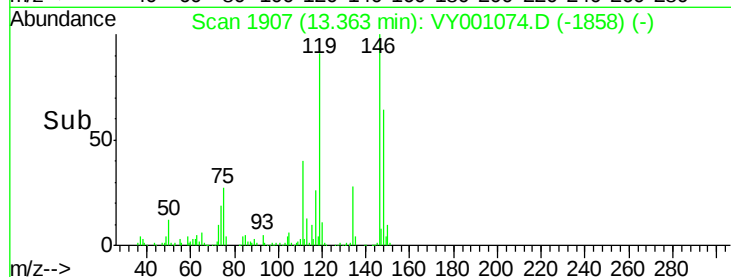
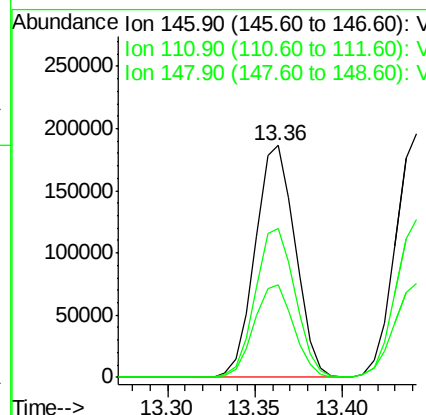
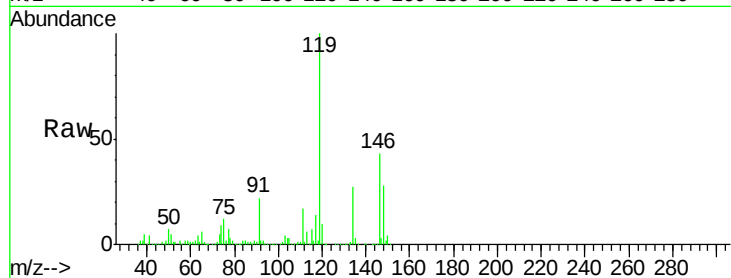




#87
 1,3-Dichlorobenzene
 Concen: 50.710 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

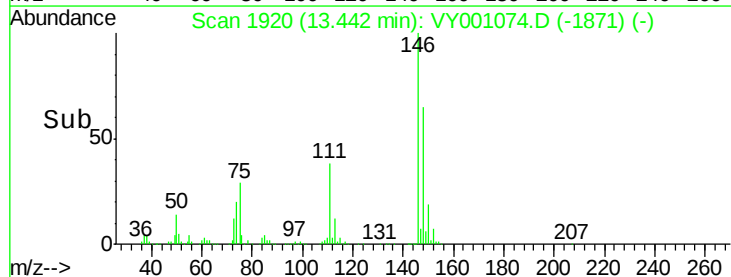
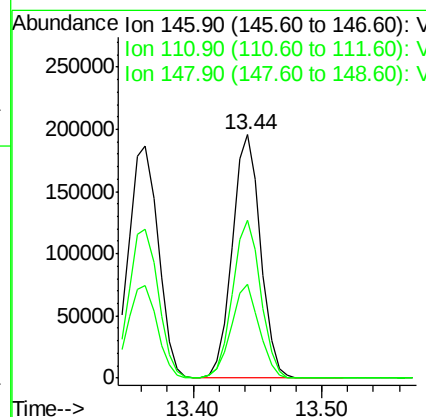
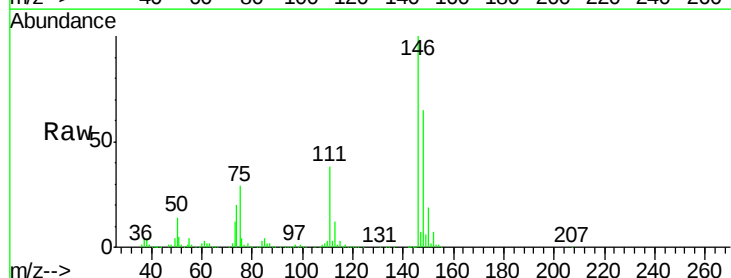
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

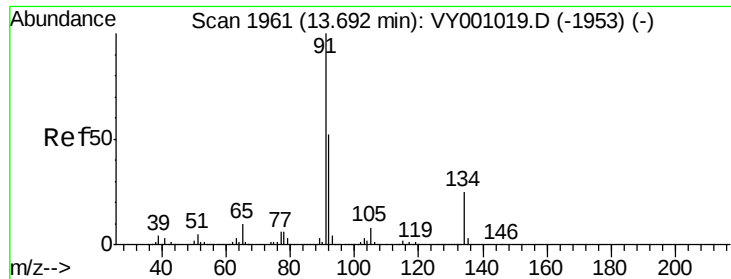
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.7	59.0
148	63.9	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.722 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.2
148	65.1	31.8	95.3

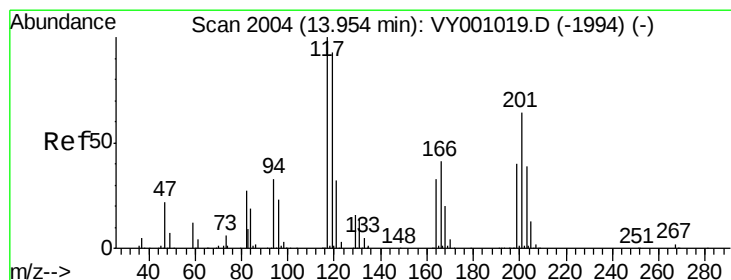
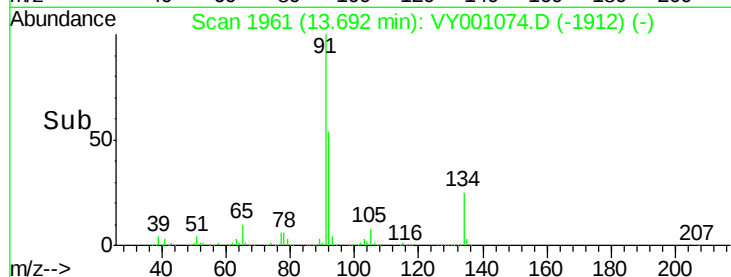
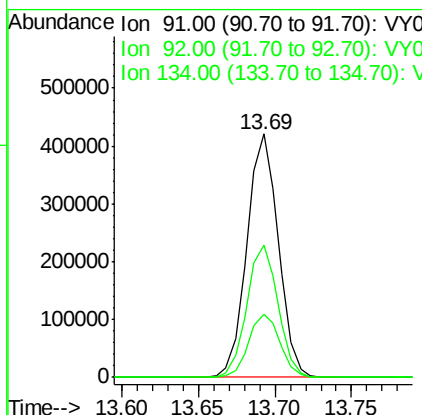
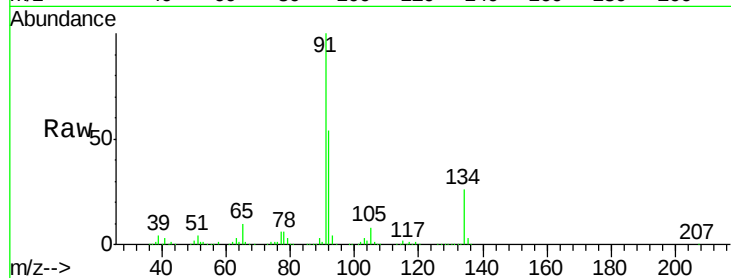




#89
n-Butylbenzene
Concen: 50.043 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

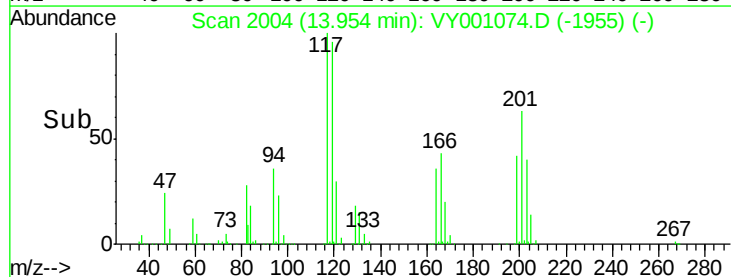
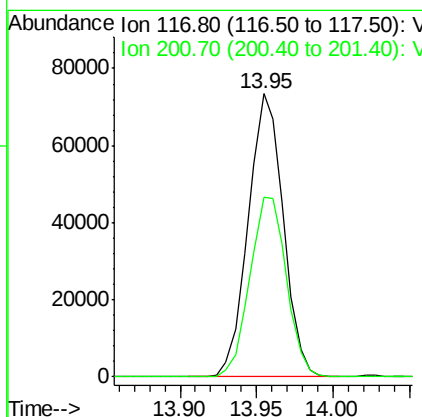
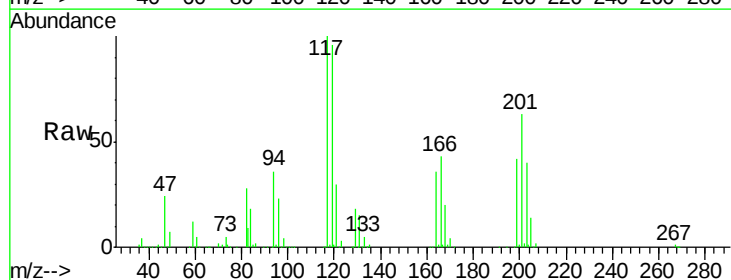
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

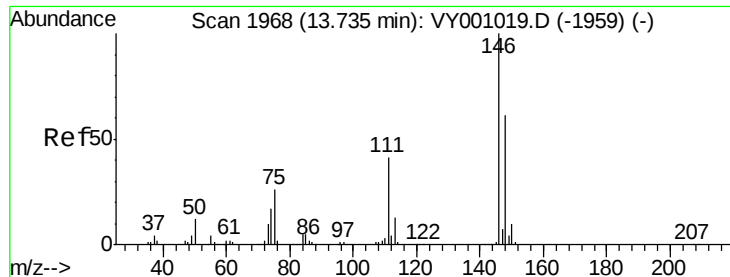
Tgt Ion: 91 Resp: 599101
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.7
134 26.0 12.7 38.0



#90
Hexachloroethane
Concen: 52.218 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion: 117 Resp: 117063
Ion Ratio Lower Upper
117 100
201 66.1 33.7 101.1

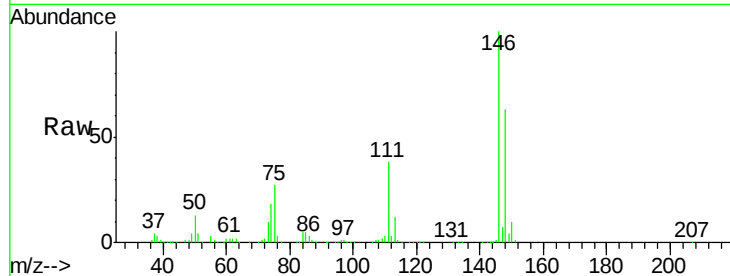




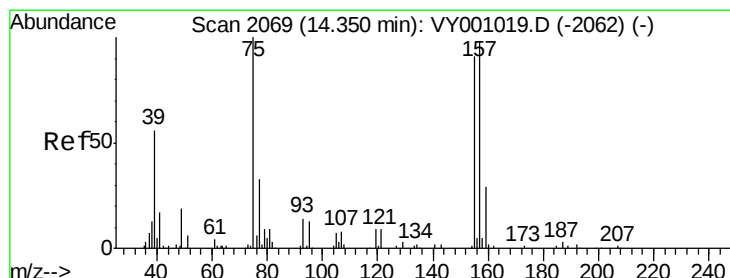
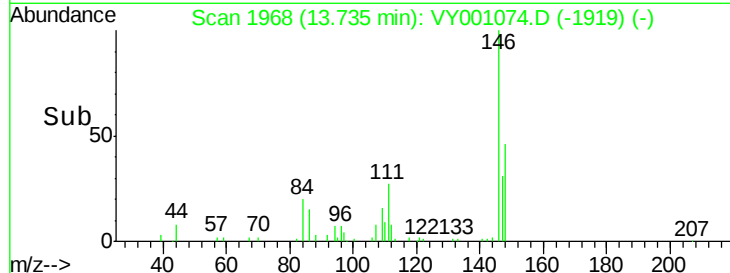
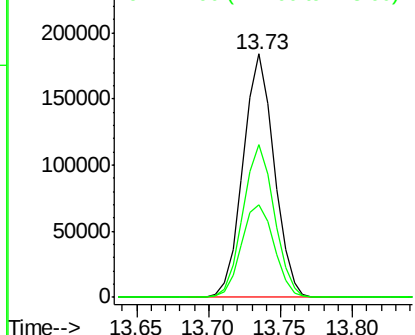
#91
 1,2-Dichlorobenzene
 Concen: 50.884 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

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

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.9
148	63.4	31.6	94.7

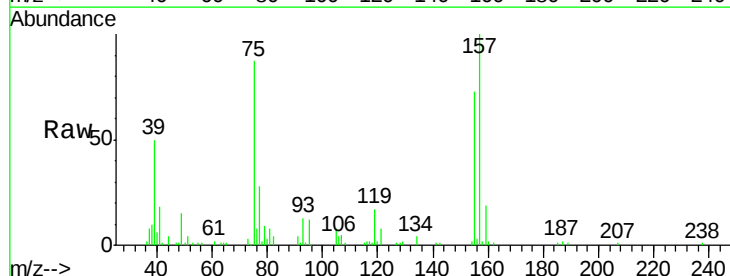


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

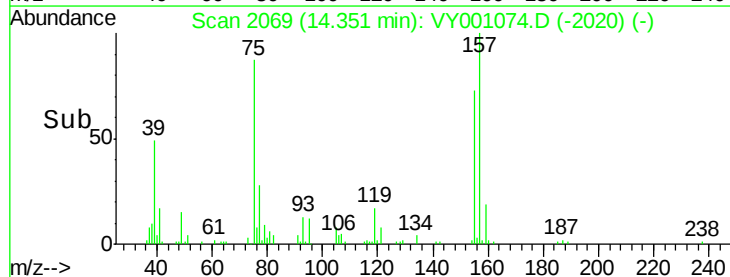
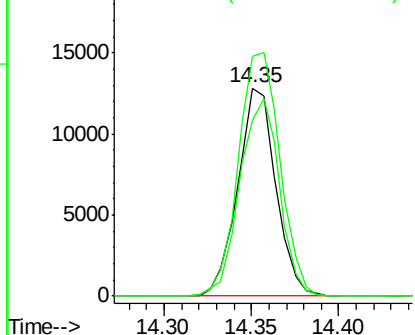


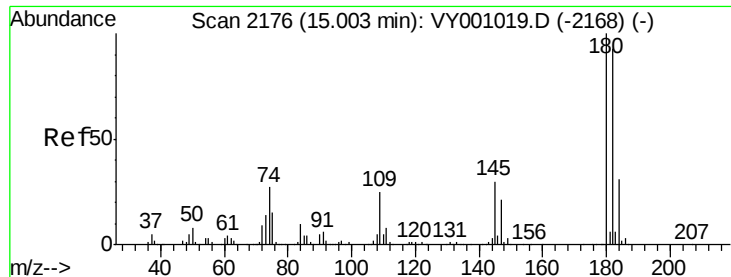
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.400 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001074.D
 Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.6	46.3	138.9
157	128.2	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

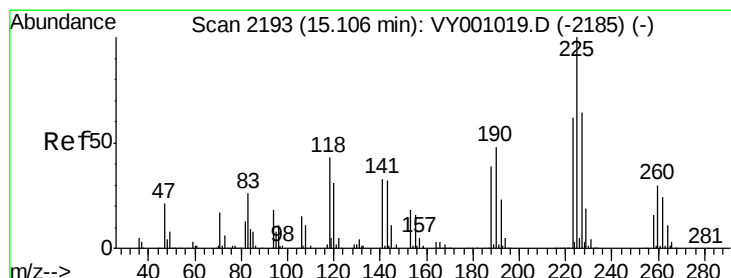
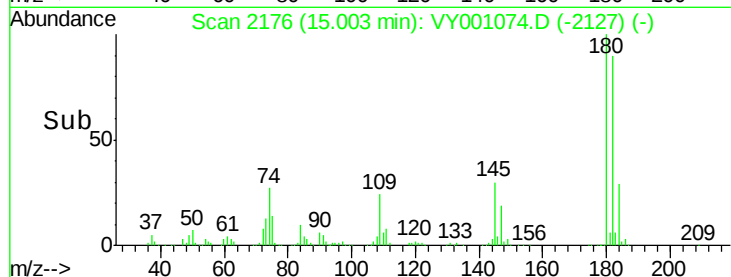
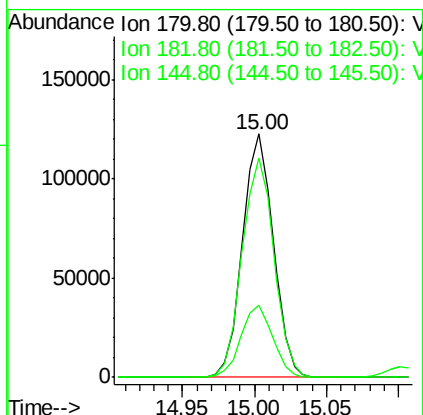
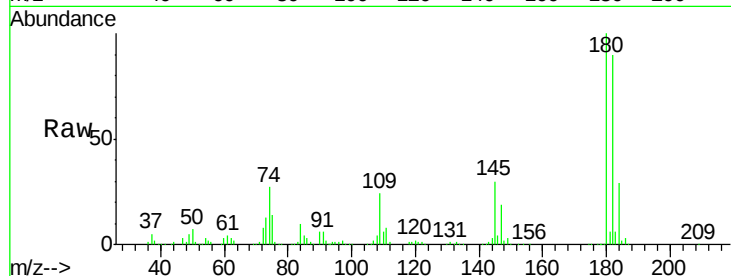




#93
1,2,4-Trichlorobenzene
Concen: 49.995 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

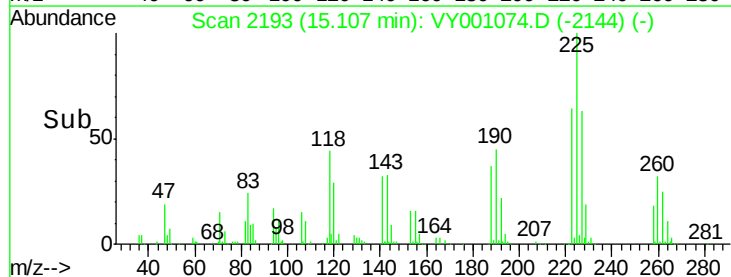
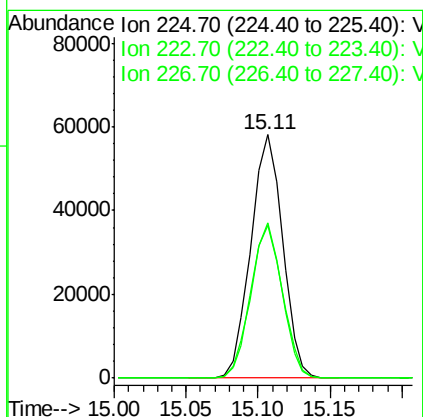
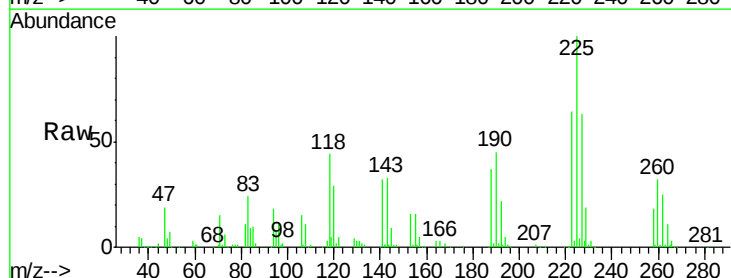
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

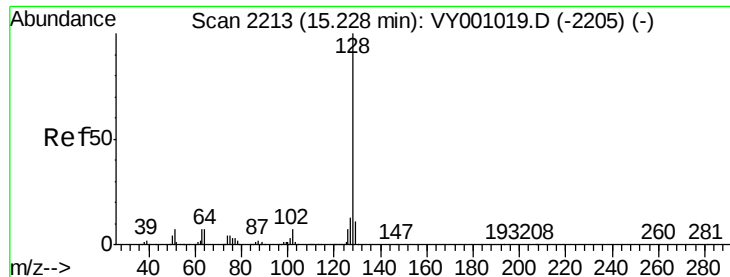
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.8	140.3
145	30.2	15.3	45.9



#94
Hexachlorobutadiene
Concen: 51.067 ug/l
RT: 15.11 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.6	94.8
227	62.9	31.9	95.5

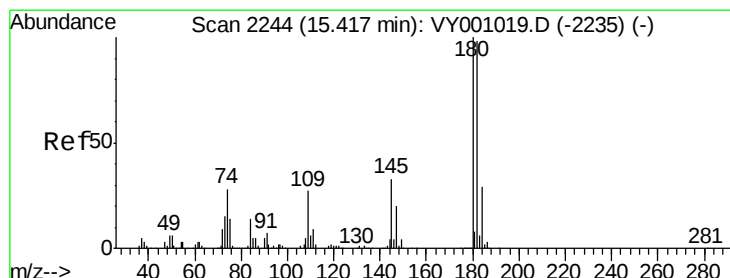
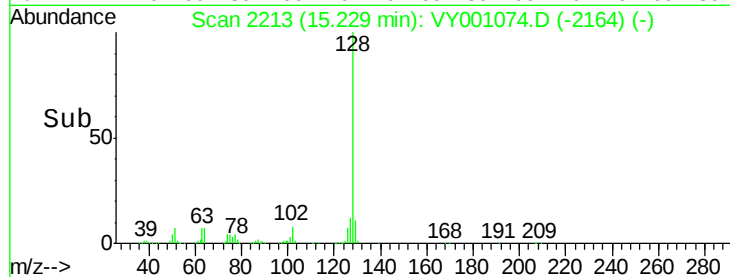
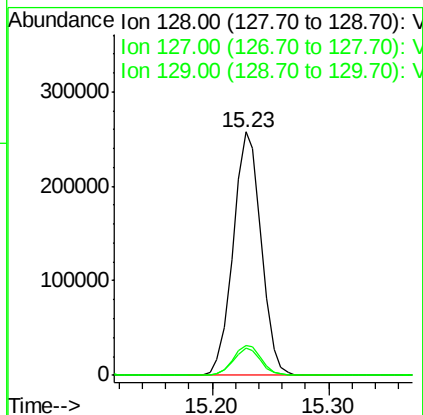
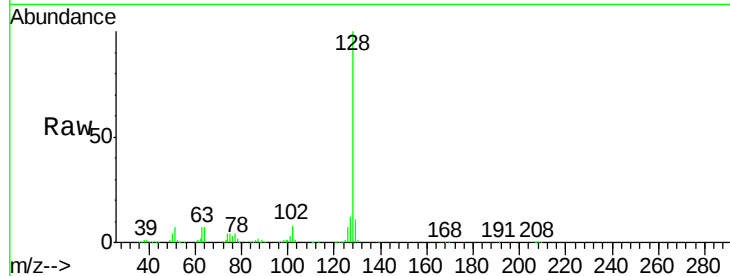




#95
Naphthalene
Concen: 50.183 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.9	14.9
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.880 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001074.D
Acq: 26 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.8
145	32.2	16.3	48.9

