

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
 Data File : VY002018.D
 Acq On : 19 Mar 2020 13:58
 Operator : SY/MD
 Sample : VY0319SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Quant Time: Mar 20 01:56:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	156029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	281714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	254750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116697	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	83215	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
35) Dibromofluoromethane	7.74	113	78628	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
50) Toluene-d8	10.19	98	323643	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.49	95	112790	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	24528	17.030	ug/l	100
3) Chloromethane	2.13	50	34029	17.524	ug/l	95
4) Vinyl Chloride	2.26	62	35167	17.805	ug/l	97
5) Bromomethane	2.66	94	24591	17.514	ug/l	100
6) Chloroethane	2.81	64	23157	18.664	ug/l	93
7) Trichlorofluoromethane	3.15	101	48760	18.203	ug/l	91
8) Diethyl Ether	3.55	74	20001	18.945	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	32689	18.973	ug/l	99
10) Methyl Iodide	4.11	142	35514	17.825	ug/l	99
11) Tert butyl alcohol	4.97	59	34529	194.151	ug/l #	80
12) 1,1-Dichloroethene	3.90	96	32440	18.700	ug/l	96
13) Acrolein	3.76	56	15311	65.411	ug/l	93
14) Allyl chloride	4.51	41	58785	19.115	ug/l	99
15) Acrylonitrile	5.20	53	50477	89.474	ug/l	100
16) Acetone	3.98	43	42313	87.215	ug/l	90
17) Carbon Disulfide	4.22	76	99246	17.019	ug/l	98
18) Methyl Acetate	4.51	43	22726	18.231	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	87466	18.605	ug/l	99
20) Methylene Chloride	4.75	84	43730	21.031	ug/l	98
21) trans-1,2-Dichloroethene	5.26	96	36822	18.701	ug/l	98
22) Diisopropyl ether	6.15	45	122574	19.444	ug/l	99
23) Vinyl Acetate	6.10	43	380111	91.976	ug/l	96
24) 1,1-Dichloroethane	6.05	63	65754	19.261	ug/l	100
25) 2-Butanone	7.02	43	66457	90.076	ug/l	99
26) 2,2-Dichloropropane	7.01	77	57178	20.406	ug/l	97
27) cis-1,2-Dichloroethene	7.02	96	40503	18.910	ug/l	95
28) Bromochloromethane	7.36	49	31810	20.672	ug/l	98
29) Tetrahydrofuran	7.38	42	42276	86.288	ug/l	99
30) Chloroform	7.53	83	62608	19.520	ug/l	98
31) Cyclohexane	7.81	56	67788	18.520	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	52664	19.481	ug/l	99
36) 1,1-Dichloropropene	7.94	75	51720	19.078	ug/l	99
37) Ethyl Acetate	7.11	43	28886	18.333	ug/l	99
38) Carbon Tetrachloride	7.93	117	44972	19.419	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	67051	18.648	ug/l	96
40) Benzene	8.19	78	152009	18.918	ug/l	99
41) Methacrylonitrile	7.38	41	38412	54.171	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	39454	19.055	ug/l	98
43) Isopropyl Acetate	8.30	43	53370	17.891	ug/l	99
44) Trichloroethene	8.96	130	37351	19.087	ug/l	100
45) 1,2-Dichloropropane	9.24	63	39504	19.557	ug/l	100
46) Dibromomethane	9.32	93	19088	18.338	ug/l	99
47) Bromodichloromethane	9.52	83	46546	19.223	ug/l	96
48) Methyl methacrylate	9.31	41	23255	17.569	ug/l	95
49) 1,4-Dioxane	9.32	88	4790	335.832	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	153517	99.914	ug/l	98
52) Toluene	10.26	92	93480	19.151	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	49662	18.825	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	58980	18.781	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	28604	18.777	ug/l	99
56) Ethyl methacrylate	10.52	69	40017	17.922	ug/l	94
57) 1,3-Dichloropropane	10.80	76	50871	18.734	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	108752	122.994	ug/l	98
59) 2-Hexanone	10.85	43	94646	86.303	ug/l	98
60) Dibromochloromethane	11.00	129	29790	18.558	ug/l	99
61) 1,2-Dibromoethane	11.10	107	26038	18.044	ug/l	98
64) Tetrachloroethene	10.73	164	30928	19.359	ug/l	97
65) Chlorobenzene	11.53	112	95285	18.772	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	32103	19.286	ug/l	98
67) Ethyl Benzene	11.60	91	181167	19.137	ug/l	98
68) m/p-Xylenes	11.71	106	133639	38.183	ug/l	99
69) o-Xylene	12.04	106	63815	19.345	ug/l	99
70) Styrene	12.05	104	108158	19.143	ug/l	100
71) Bromoform	12.22	173	16592	18.380	ug/l #	99
73) Isopropylbenzene	12.34	105	169301	19.005	ug/l	100
74) N-amyl acetate	12.15	43	48376	17.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	34116	17.759	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	44465	32.112	ug/l #	100
77) Bromobenzene	12.62	156	36113	19.134	ug/l	98
78) n-propylbenzene	12.68	91	209386	19.052	ug/l	100
79) 2-Chlorotoluene	12.77	91	115358	18.999	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	141494	19.294	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	12007	17.516	ug/l	97
82) 4-Chlorotoluene	12.86	91	121114	19.157	ug/l	100
83) tert-Butylbenzene	13.08	119	116800	19.175	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	139442	19.159	ug/l	99
85) sec-Butylbenzene	13.26	105	177168	19.733	ug/l	100
86) p-Isopropyltoluene	13.38	119	150156	19.387	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	72567	19.620	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	71359	19.018	ug/l	98
89) n-Butylbenzene	13.70	91	155949	19.408	ug/l	99
90) Hexachloroethane	13.97	117	27901	19.096	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	65190	19.401	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	5080	16.946	ug/l	92

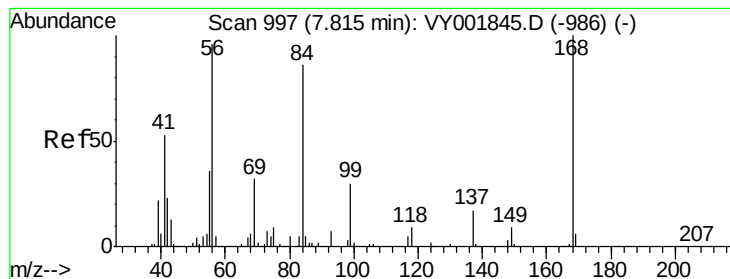
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
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Instrument :
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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	40893	18.766	ug/l	97
94) Hexachlorobutadiene	15.12	225	20199	19.013	ug/l	98
95) Naphthalene	15.25	128	86913	16.815	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	35249	18.363	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

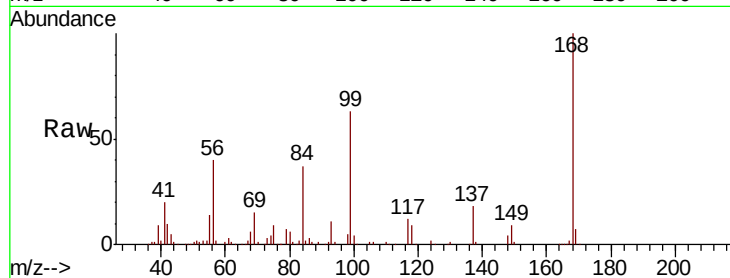
VY0319SBS01

Tot Ion:168 Resp: 156029

Ion Ratio Lower Upper

168 100

99 62.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.82

60000

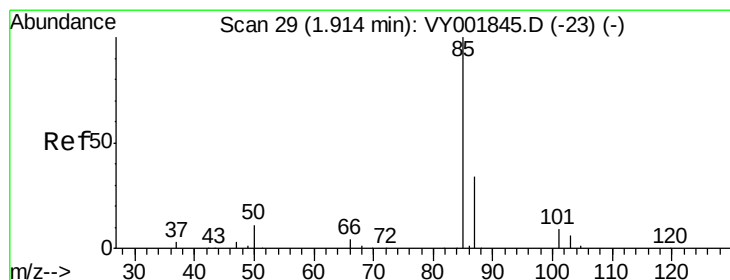
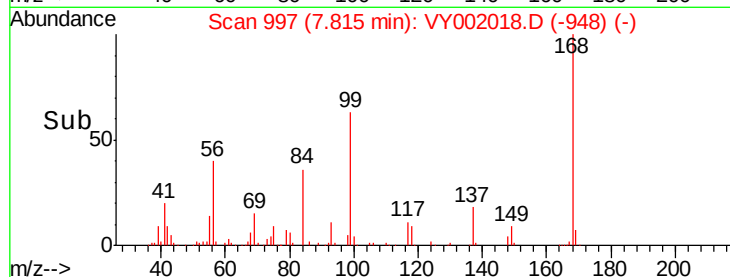
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.030 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002018.D

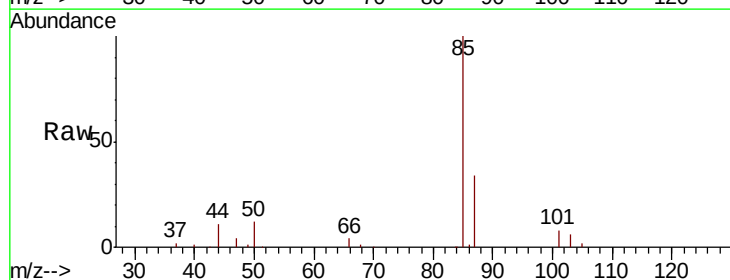
Acq: 19 Mar 2020 13:58

Tgt Ion: 85 Resp: 24528

Ion Ratio Lower Upper

85 100

87 33.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.91

20000

15000

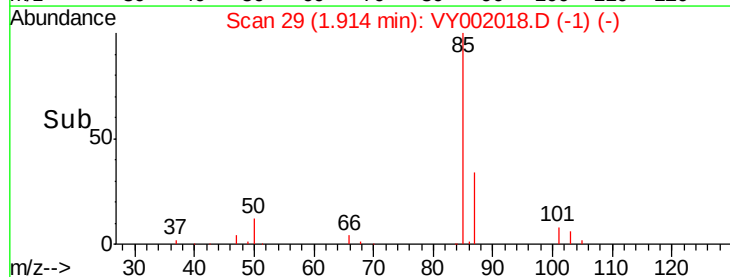
10000

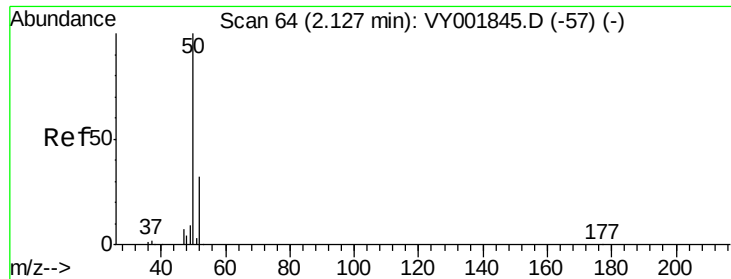
5000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 17.524 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

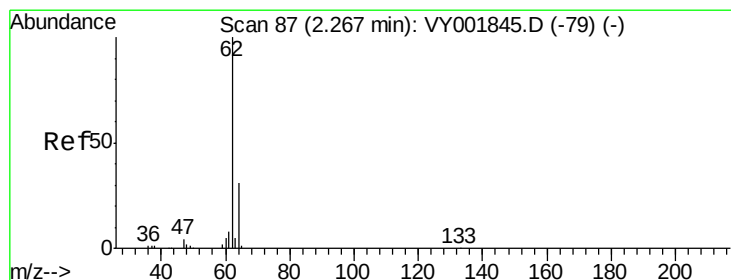
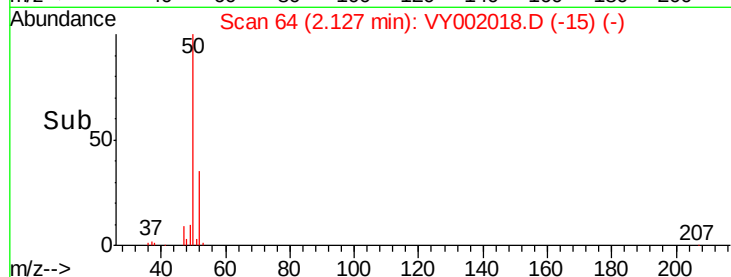
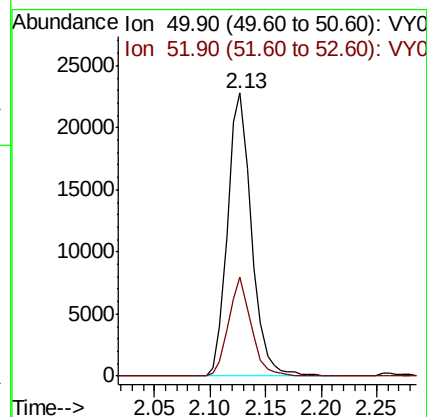
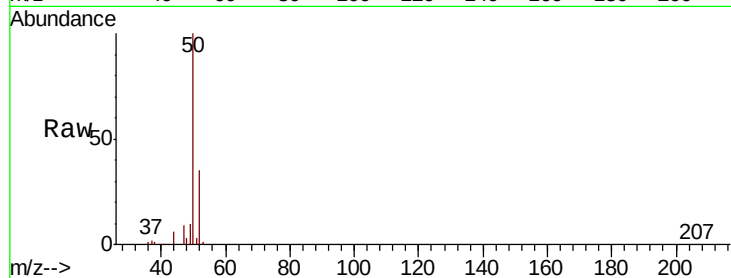
VY0319SBS01

Tot Ion: 50 Resp: 34029

Ion Ratio Lower Upper

50 100

52 34.9 25.8 38.6



#4

Vinyl Chloride

Concen: 17.805 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002018.D

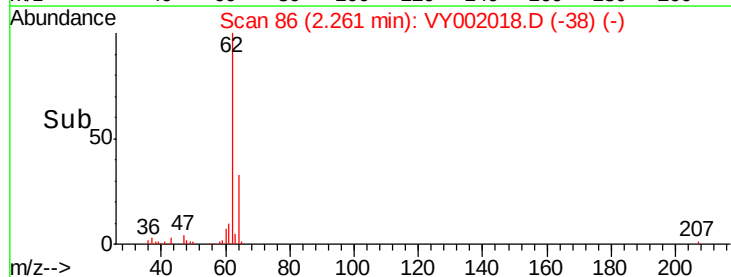
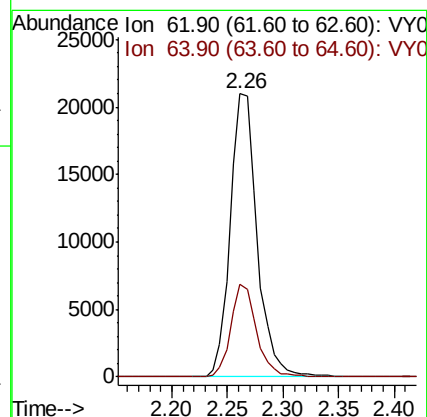
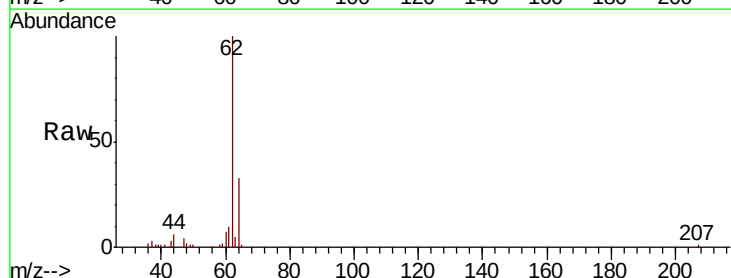
Acq: 19 Mar 2020 13:58

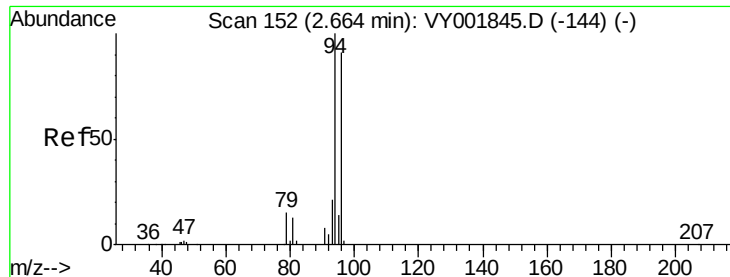
Tgt Ion: 62 Resp: 35167

Ion Ratio Lower Upper

62 100

64 32.8 25.1 37.7





#5

Bromomethane

Concen: 17.514 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

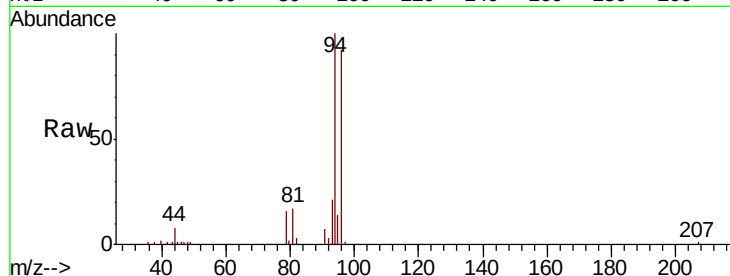
VY0319SBS01

Tot Ion: 94 Resp: 24591

Ion Ratio Lower Upper

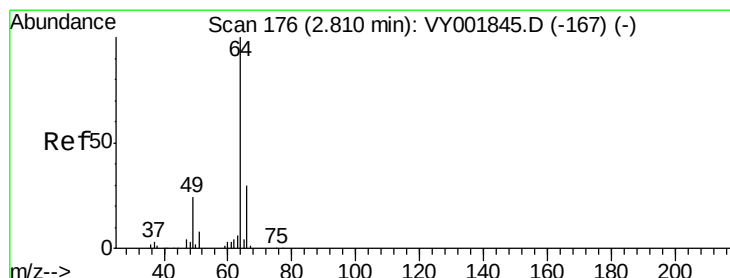
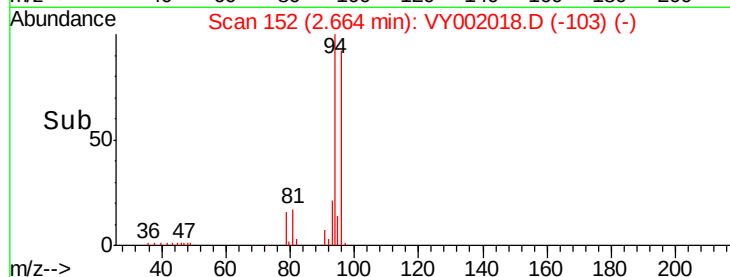
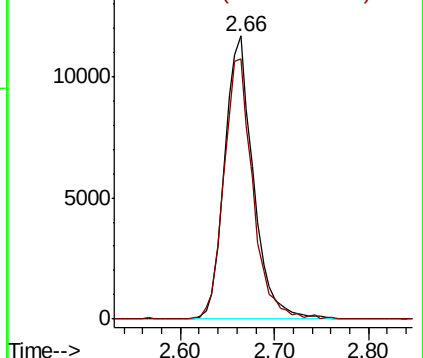
94 100

96 91.8 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.664 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY002018.D

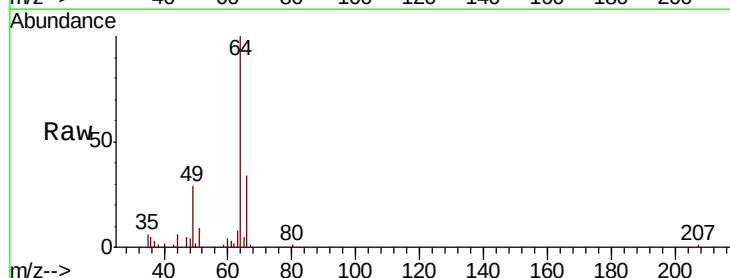
Acq: 19 Mar 2020 13:58

Tgt Ion: 64 Resp: 23157

Ion Ratio Lower Upper

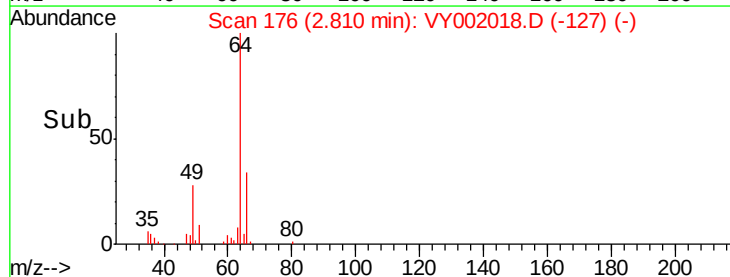
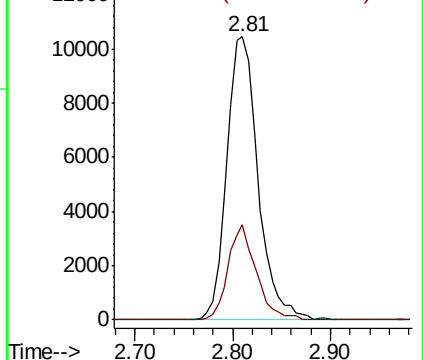
64 100

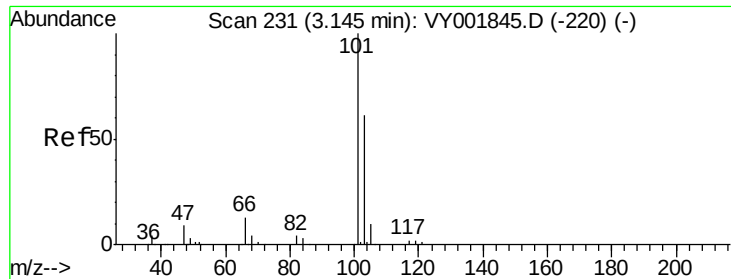
66 33.7 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



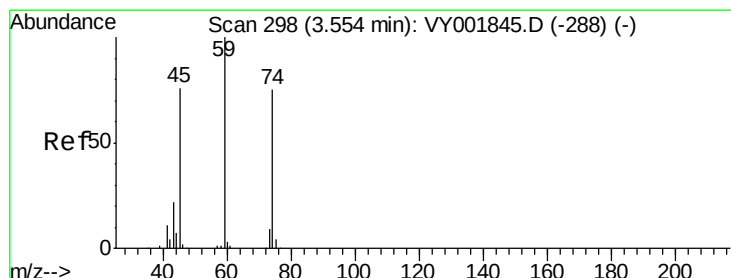
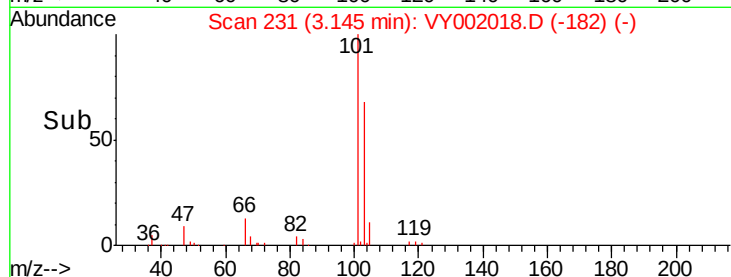
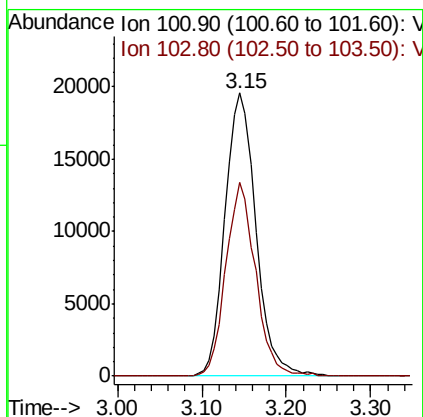
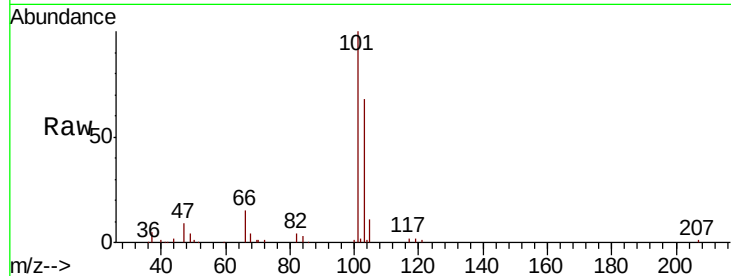


#7

Trichlorofluoromethane
 Concen: 18.203 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

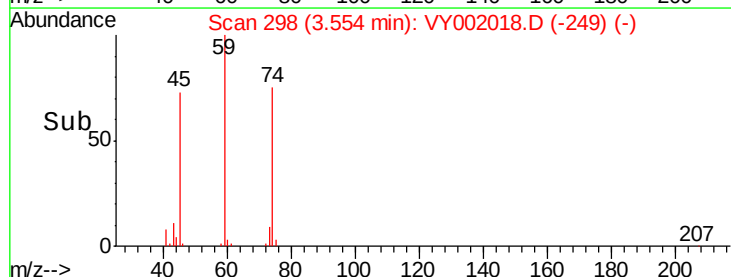
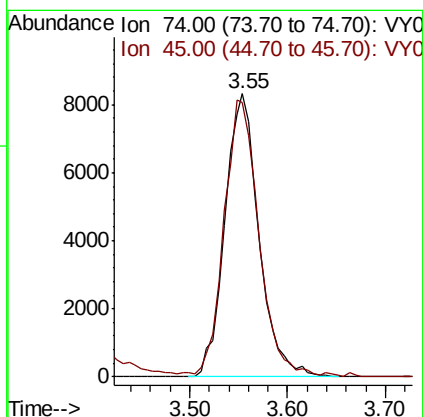
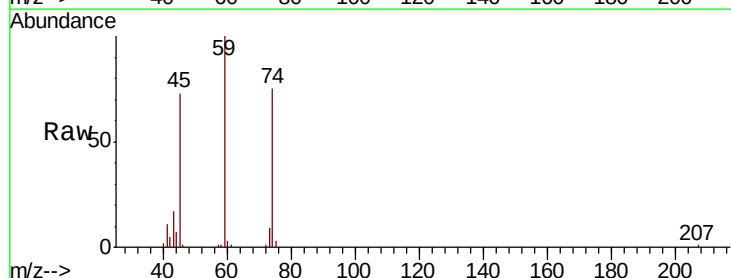
Tot Ion:101 Resp: 48760
 Ion Ratio Lower Upper
 101 100
 103 68.5 49.1 73.7

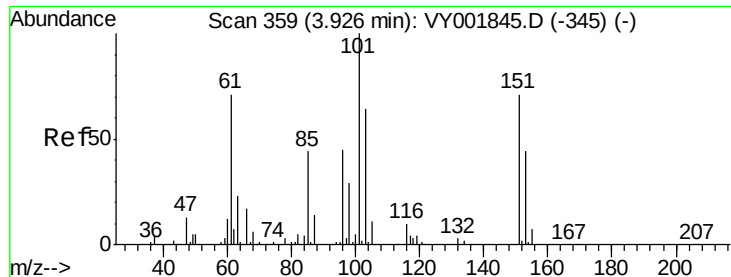


#8

Diethyl Ether
 Concen: 18.945 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion: 74 Resp: 20001
 Ion Ratio Lower Upper
 74 100
 45 98.7 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.973 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

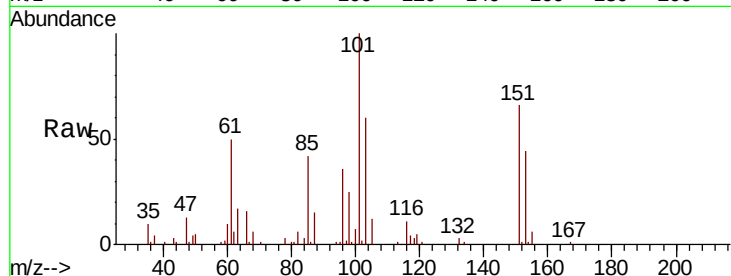
Tot Ion:101 Resp: 32689

Ion Ratio Lower Upper

101 100

85 44.5 35.3 52.9

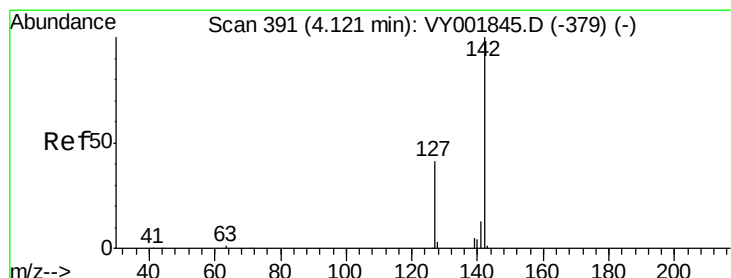
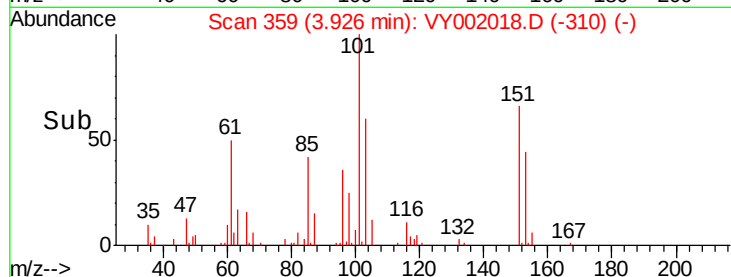
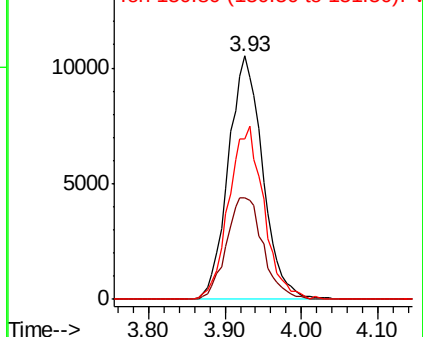
151 72.3 57.0 85.4



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: 17.825 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

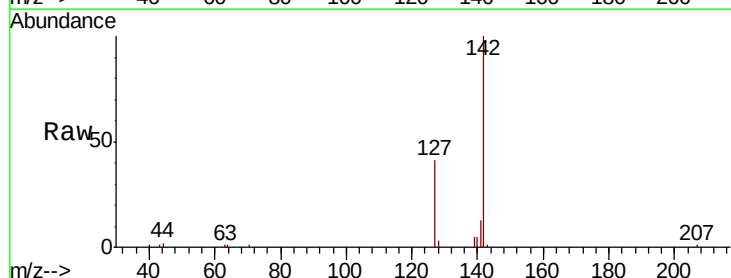
Tgt Ion:142 Resp: 35514

Ion Ratio Lower Upper

142 100

127 40.1 32.7 49.1

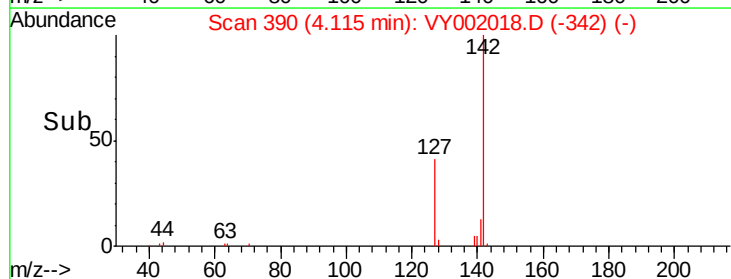
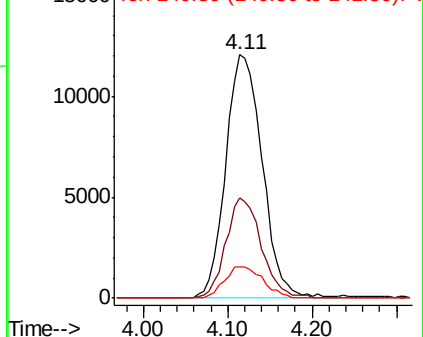
141 13.7 11.0 16.6

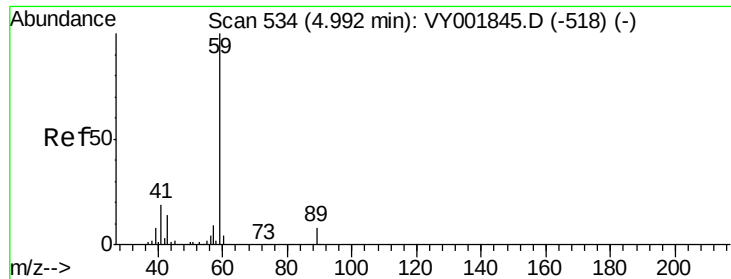


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



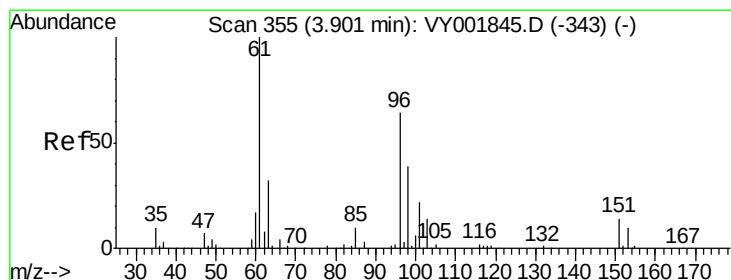
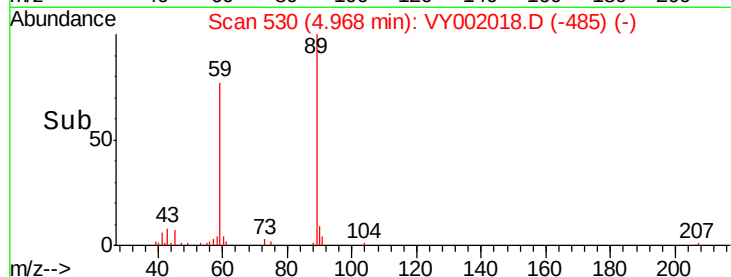
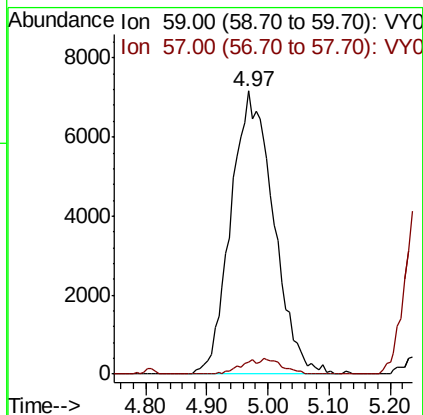
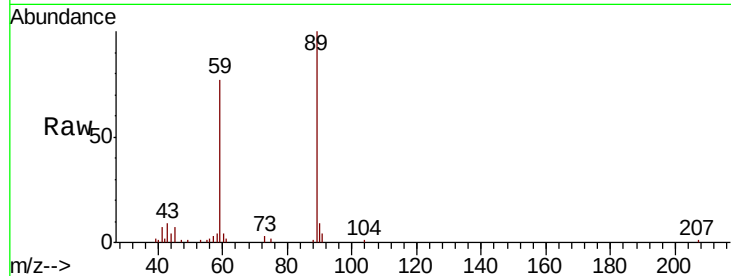


#11

Tert butyl alcohol
 Concen: 194.151 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

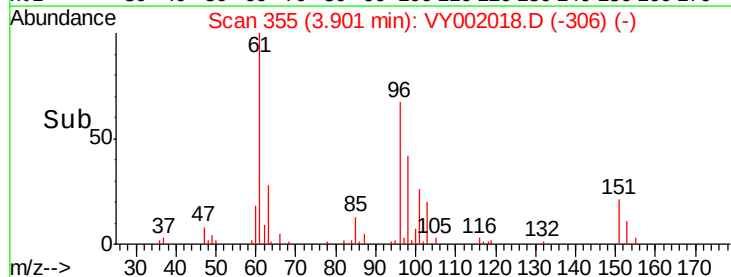
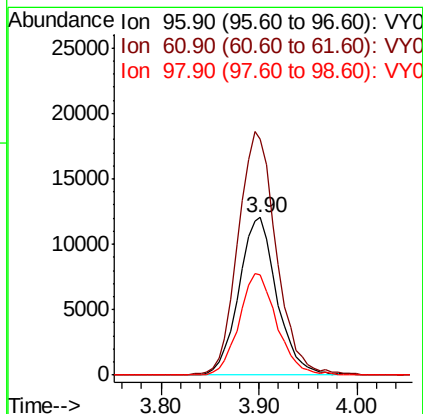
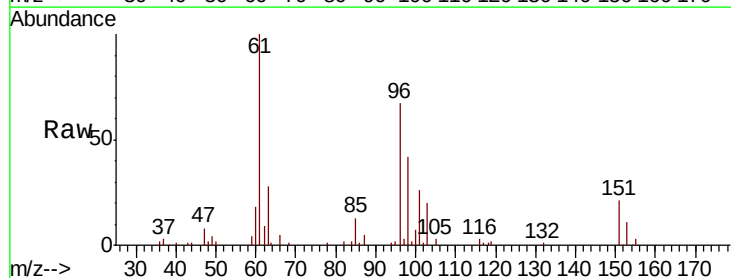
Tot Ion: 59 Resp: 34529
 Ion Ratio Lower Upper
 59 100
 57 2.0 7.4 11.2#

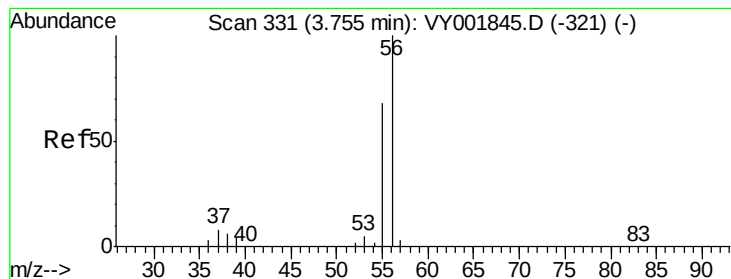


#12

1,1-Dichloroethene
 Concen: 18.700 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion: 96 Resp: 32440
 Ion Ratio Lower Upper
 96 100
 61 150.0 124.8 187.2
 98 63.7 49.2 73.8





#13

Acrolein

Concen: 65.411 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

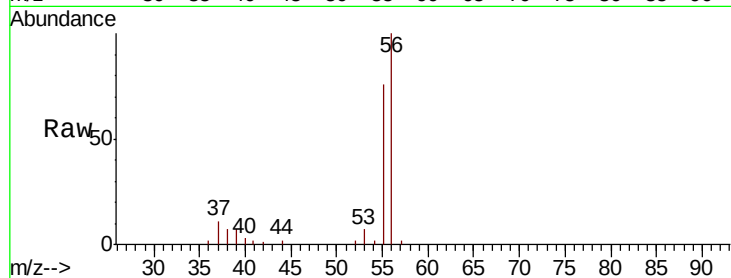
VY0319SBS01

Tot Ion: 56 Resp: 15311

Ion Ratio Lower Upper

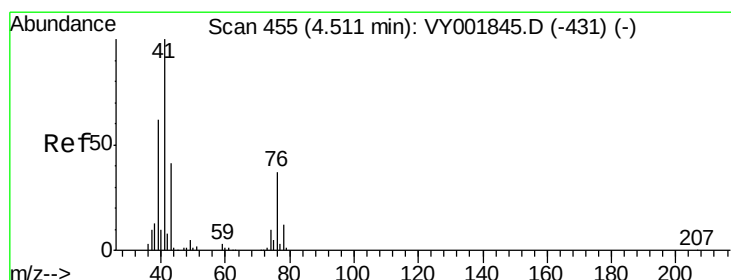
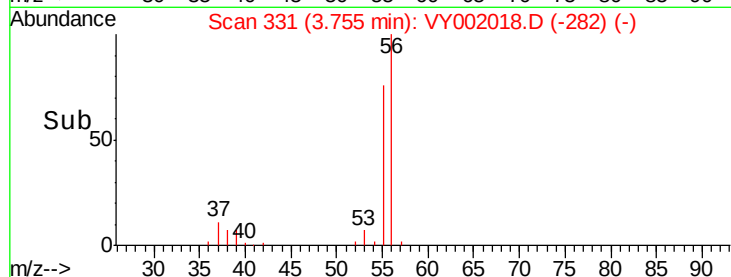
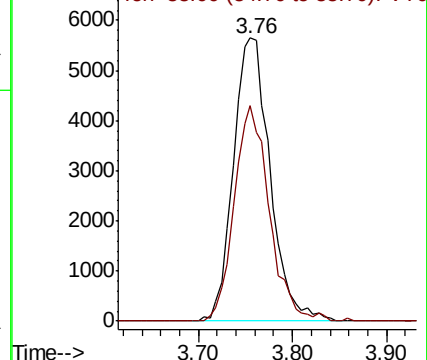
56 100

55 73.0 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 19.115 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

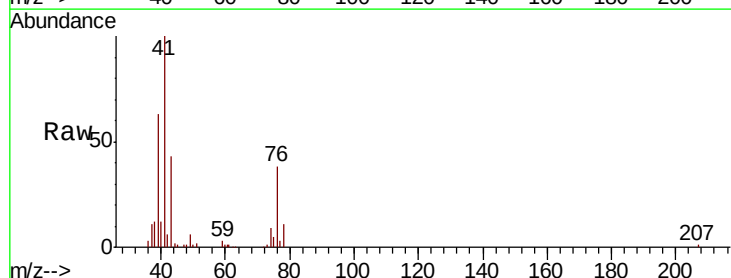
Tgt Ion: 41 Resp: 58785

Ion Ratio Lower Upper

41 100

39 62.0 49.0 73.6

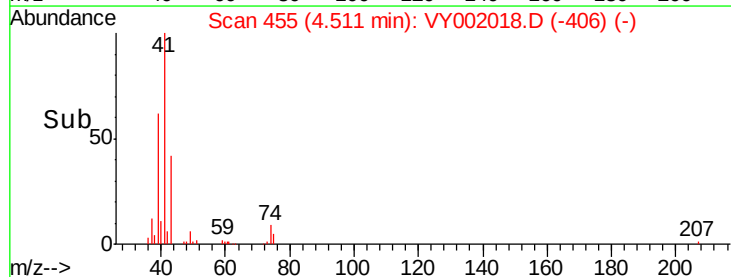
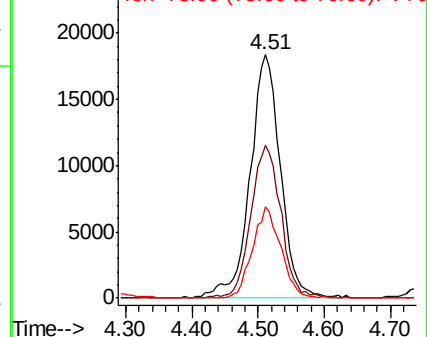
76 34.7 28.9 43.3

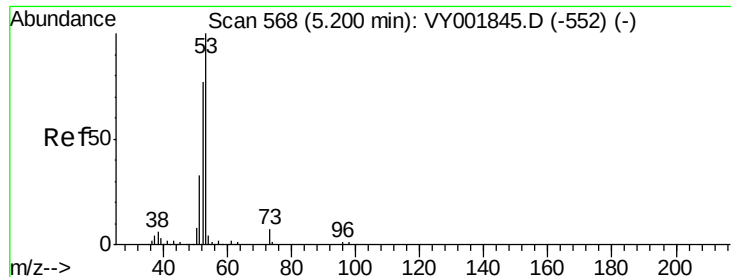


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 89.474 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

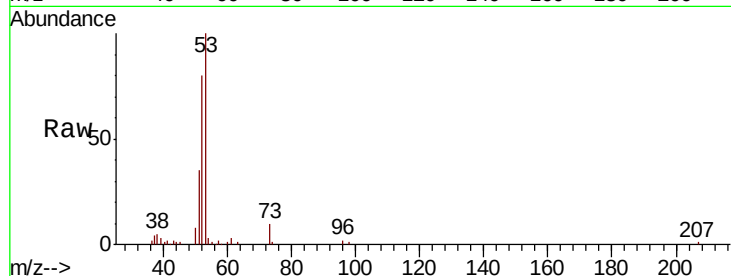
Tot Ion: 53 Resp: 50477

Ion Ratio Lower Upper

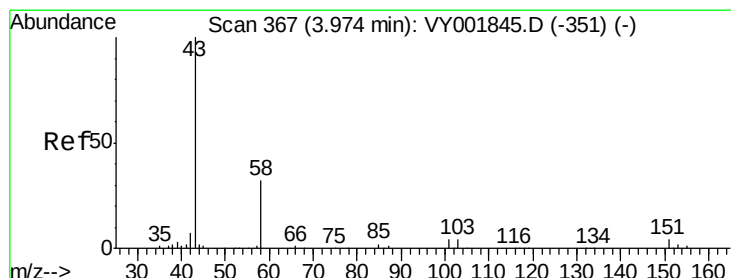
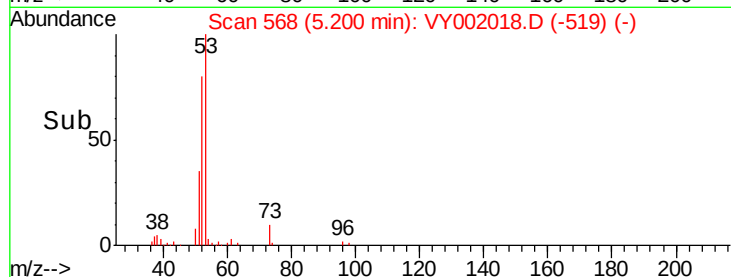
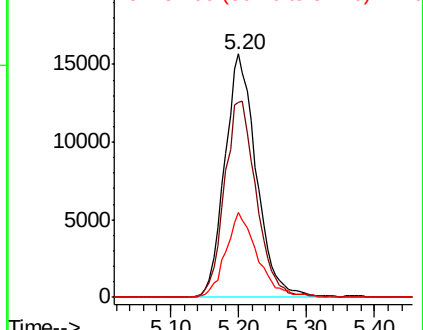
53 100

52 81.3 65.1 97.7

51 35.1 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 87.215 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002018.D

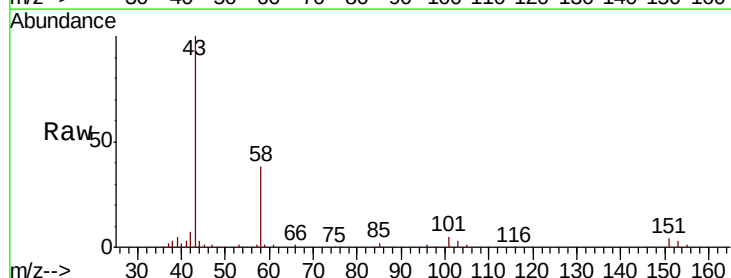
Acq: 19 Mar 2020 13:58

Tgt Ion: 43 Resp: 42313

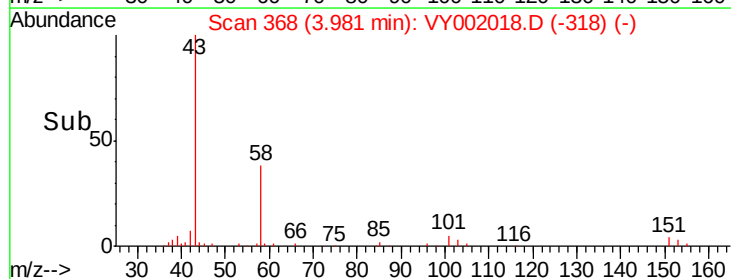
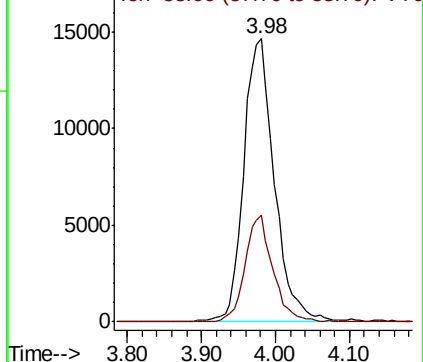
Ion Ratio Lower Upper

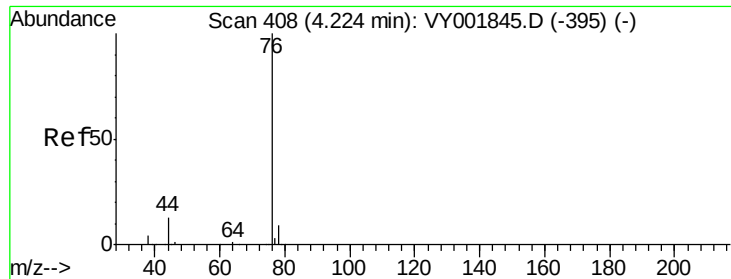
43 100

58 37.8 25.9 38.9



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

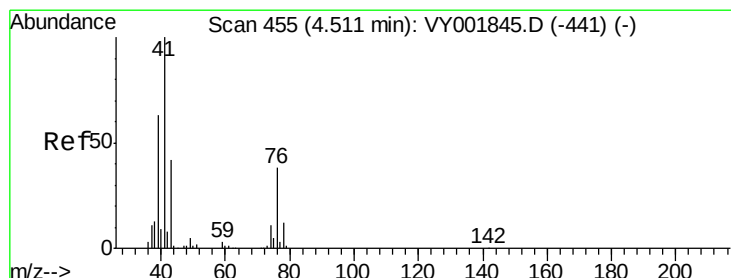
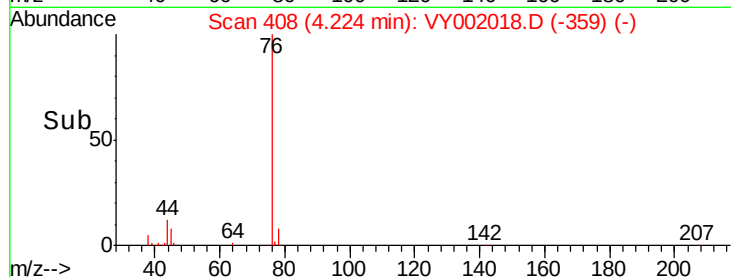
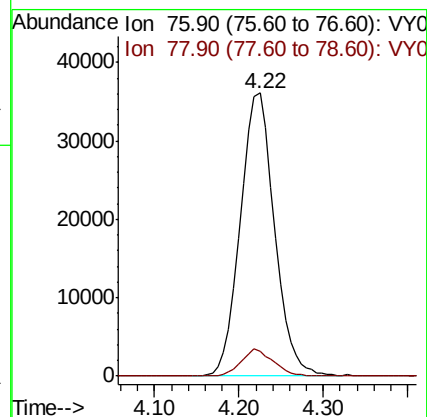
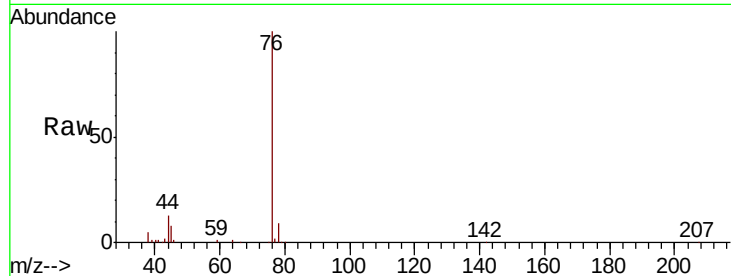




#17
Carbon Disulfide
Concen: 17.019 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

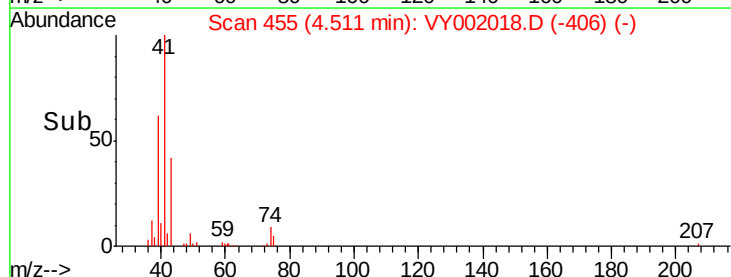
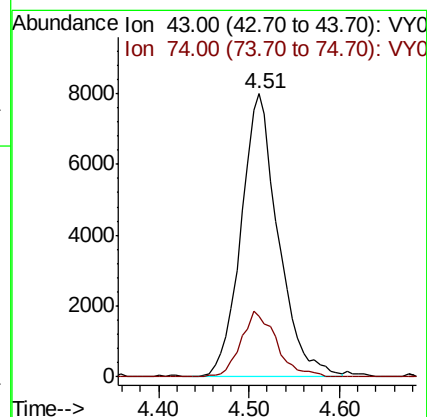
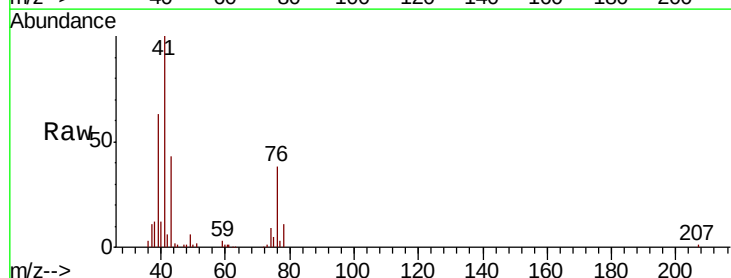
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

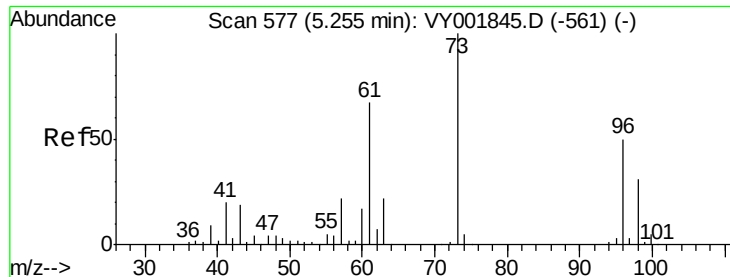
Tot Ion: 76 Resp: 99246
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 18.231 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 43 Resp: 22726
Ion Ratio Lower Upper
43 100
74 22.2 19.0 28.6

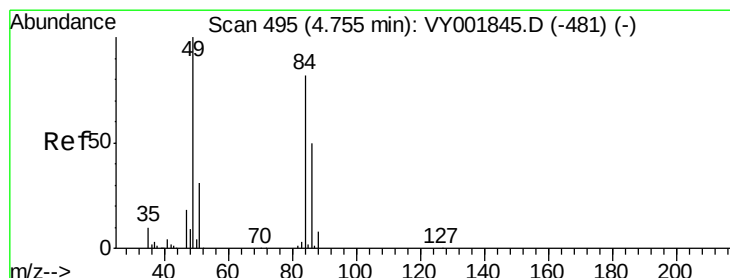
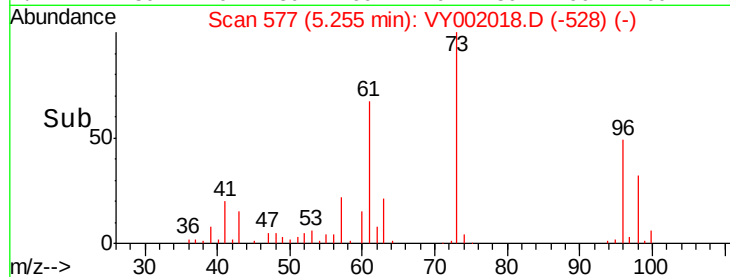
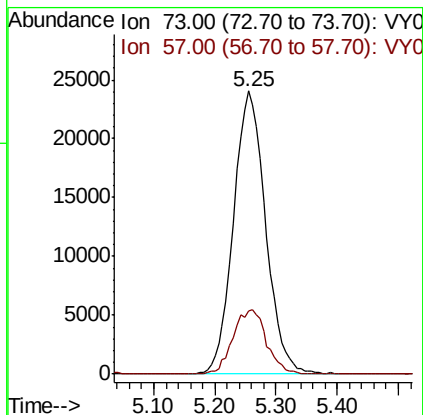
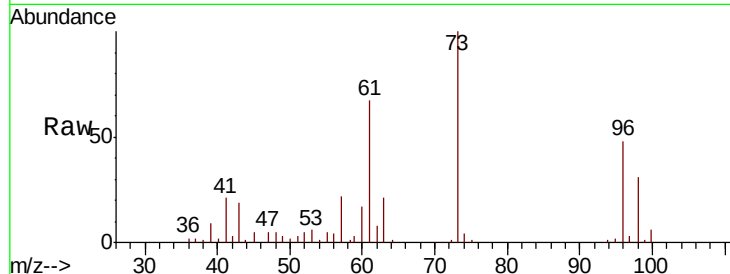




#19
Methyl tert-butyl Ether
Concen: 18.605 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

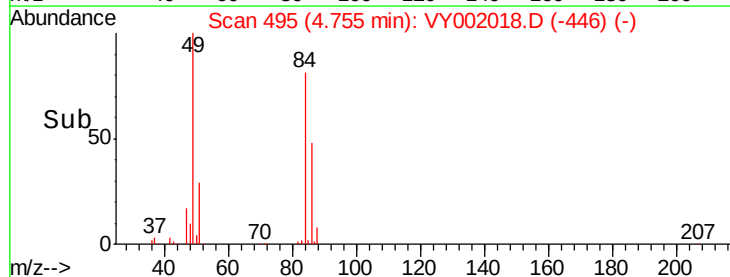
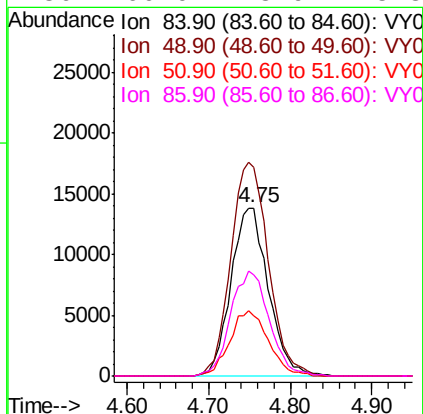
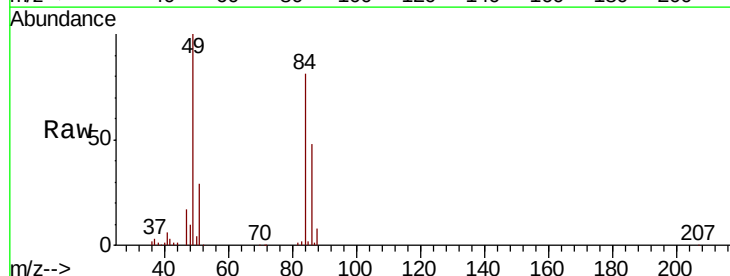
Instrument :
MSVOA_Y
ClientSampleID :
VY0319SBS01

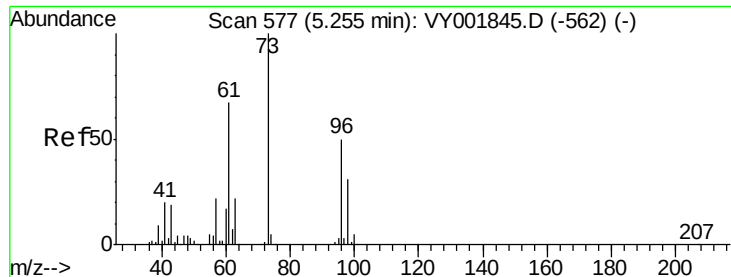
Tot Ion: 73 Resp: 87466
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2



#20
Methylene Chloride
Concen: 21.031 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 84 Resp: 43730
Ion Ratio Lower Upper
84 100
49 124.1 98.2 147.2
51 35.7 30.2 45.2
86 60.0 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 18.701 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

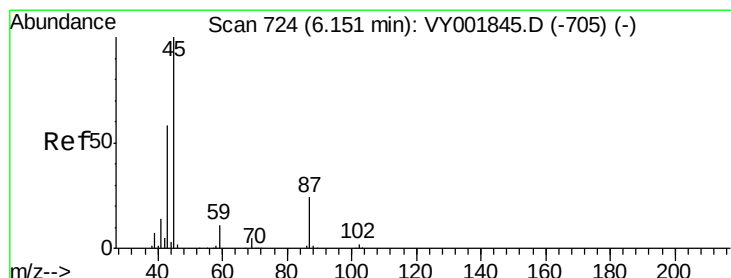
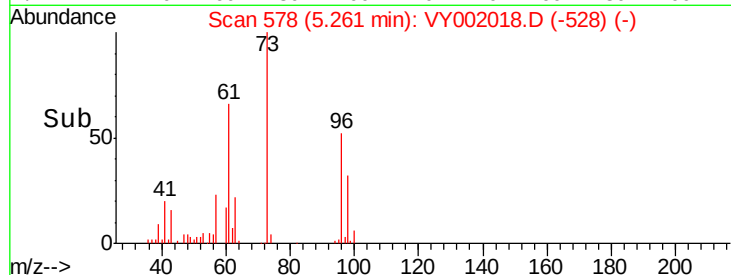
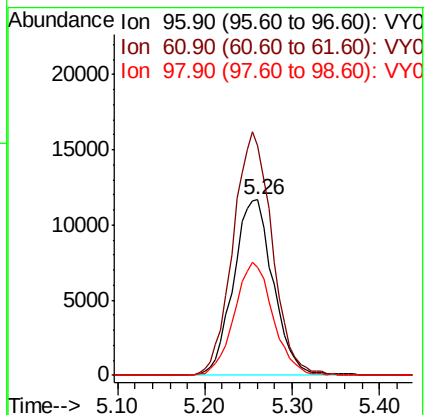
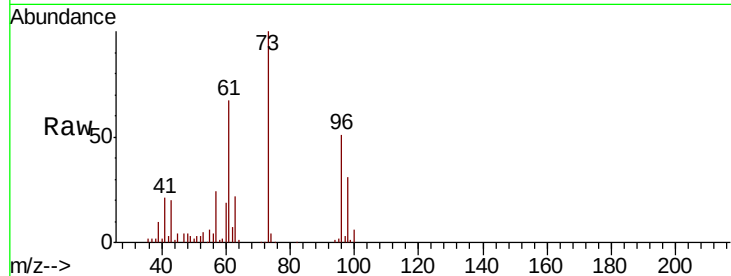
Tot Ion: 96 Resp: 36822

Ion Ratio Lower Upper

96 100

61 130.9 107.7 161.5

98 61.2 49.3 73.9



#22

Diisopropyl ether

Concen: 19.444 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Tgt Ion: 45 Resp: 122574

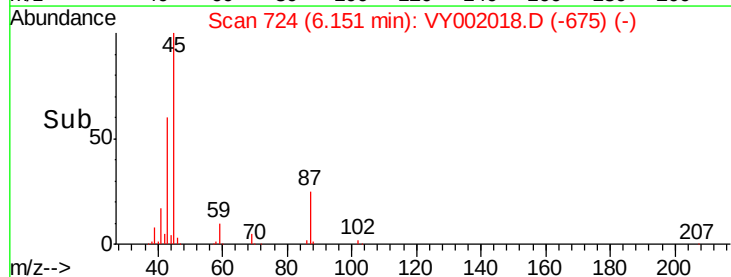
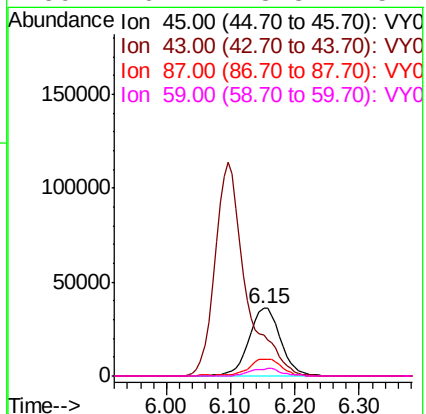
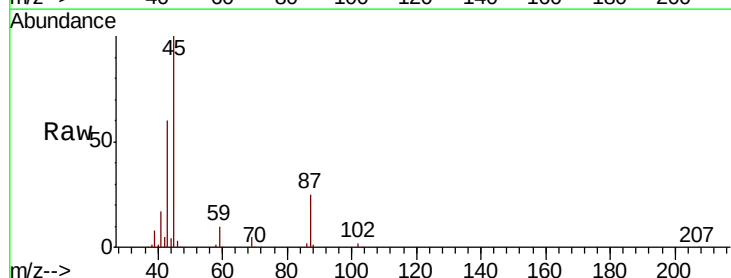
Ion Ratio Lower Upper

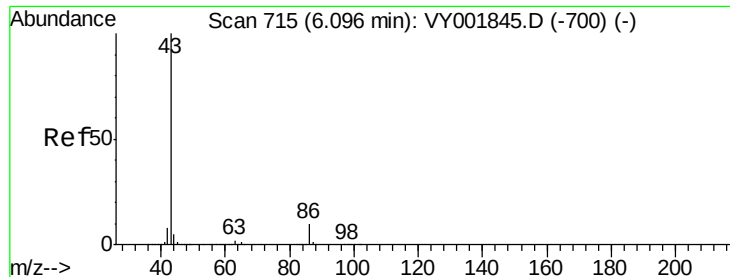
45 100

43 60.2 47.2 70.8

87 25.1 19.8 29.8

59 10.4 8.8 13.2





#23

Vinyl Acetate

Concen: 91.976 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

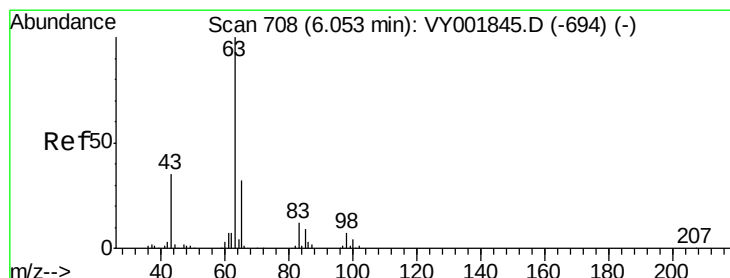
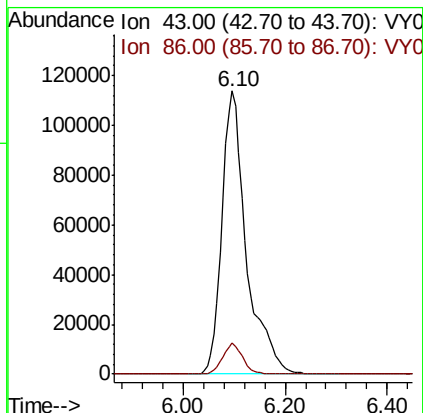
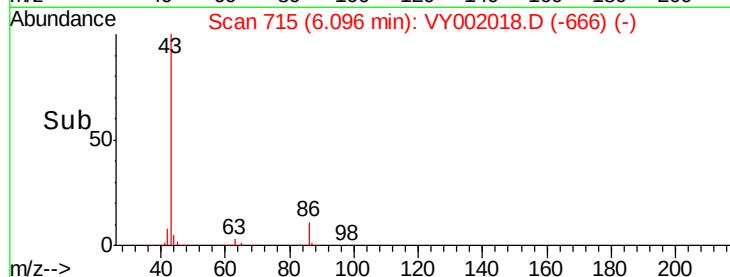
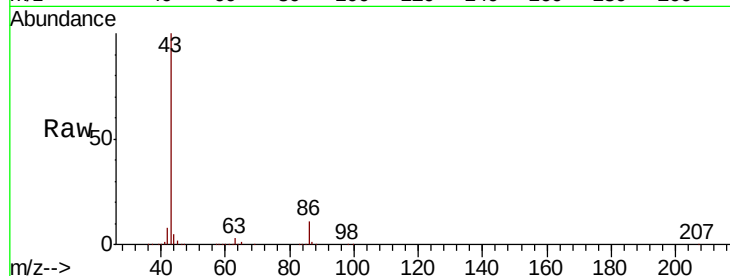
VY0319SBS01

Tot Ion: 43 Resp: 380111

Ion Ratio Lower Upper

43 100

86 11.2 7.8 11.8



#24

1,1-Dichloroethane

Concen: 19.261 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

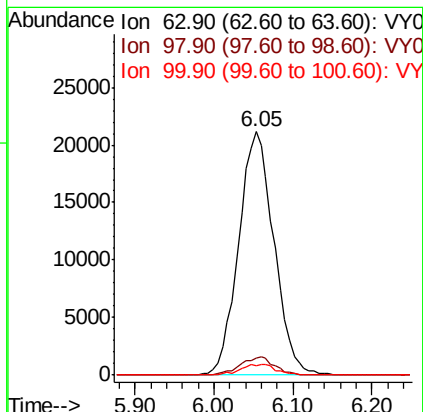
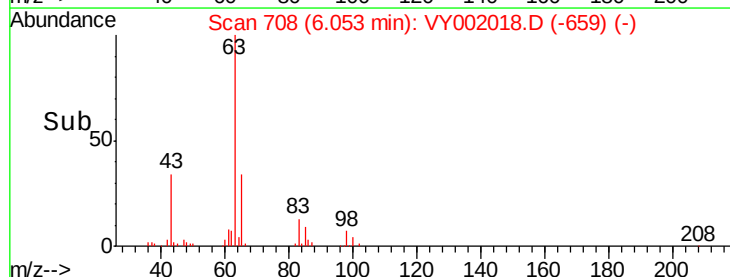
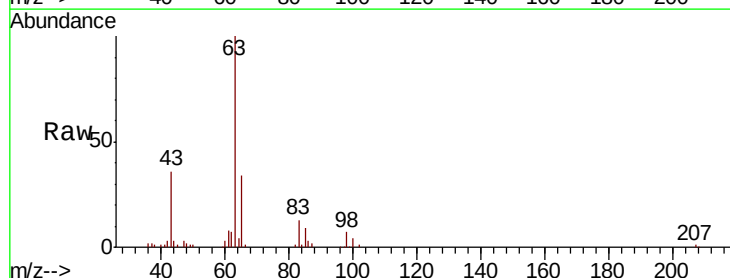
Tgt Ion: 63 Resp: 65754

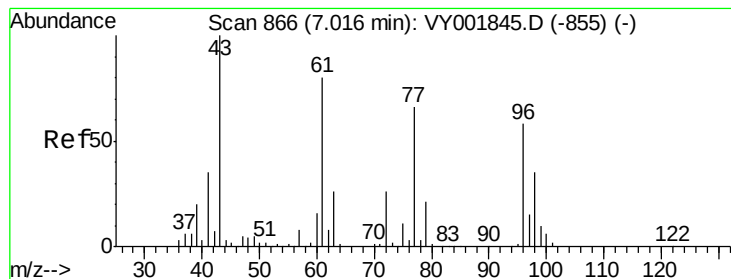
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 90.076 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

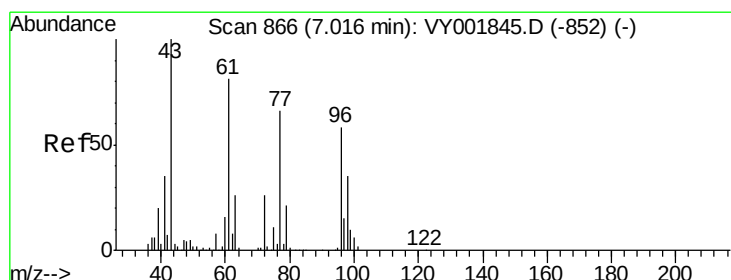
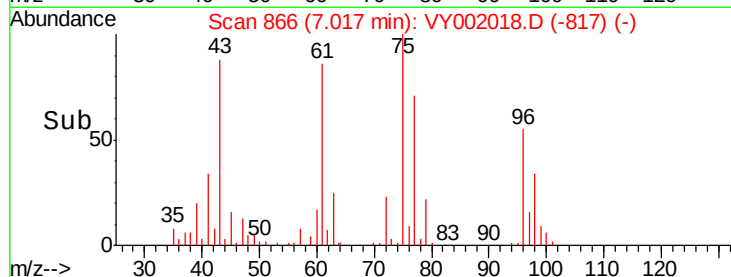
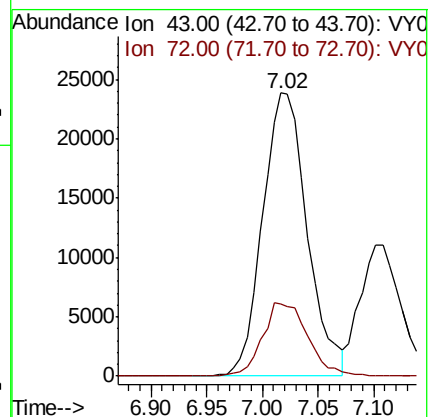
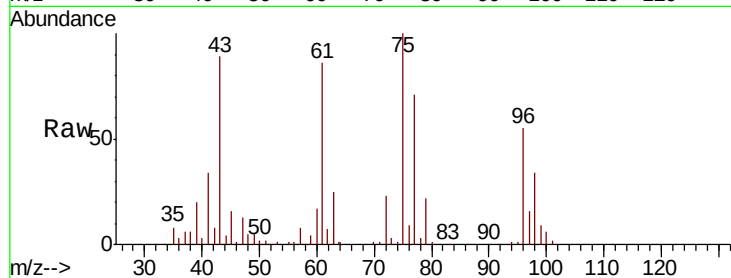
VY0319SBS01

Tot Ion: 43 Resp: 66457

Ion Ratio Lower Upper

43 100

72 25.7 20.9 31.3



#26

2,2-Dichloropropane

Concen: 20.406 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002018.D

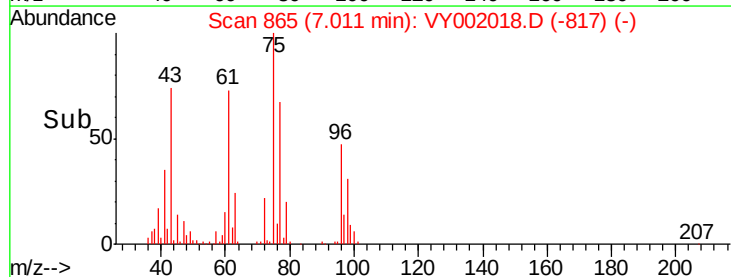
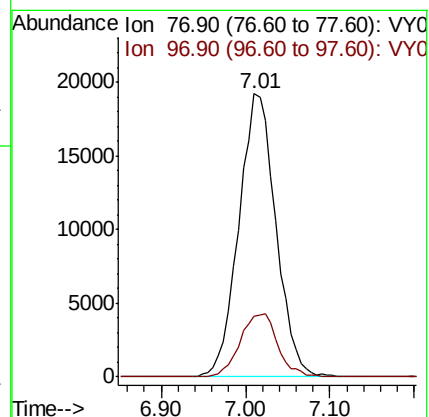
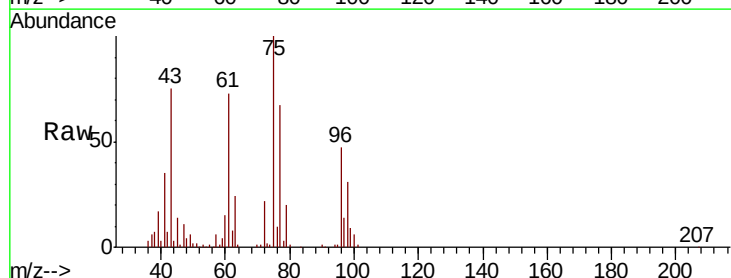
Acq: 19 Mar 2020 13:58

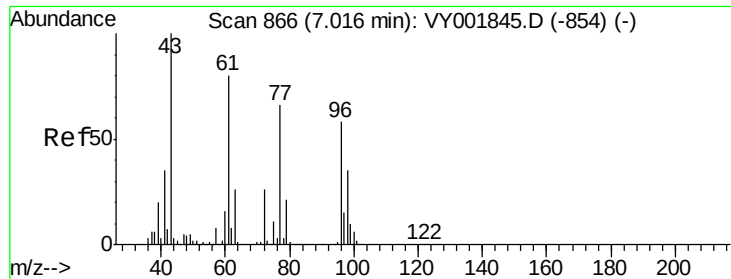
Tgt Ion: 77 Resp: 57178

Ion Ratio Lower Upper

77 100

97 22.5 11.9 35.7



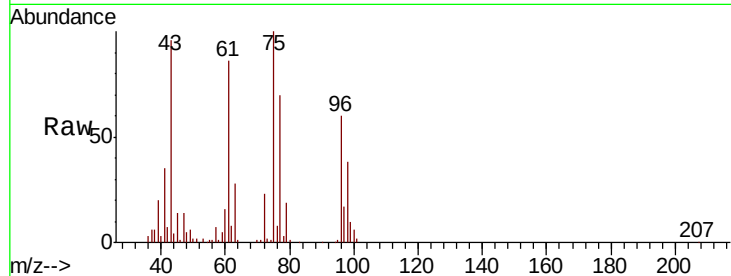


#27

cis-1,2-Dichloroethene
 Concen: 18.910 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. 0.01 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Tot Ion	96	Resp	40503
Ion	Ratio	Lower	Upper
96	100		
61	153.1	0.0	288.2
98	64.8	0.0	129.0

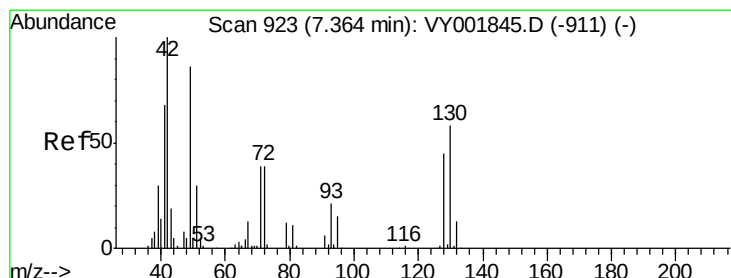
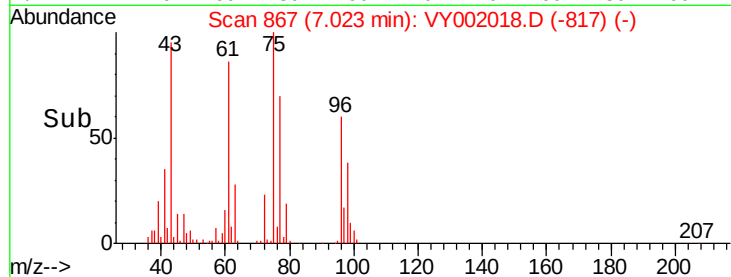
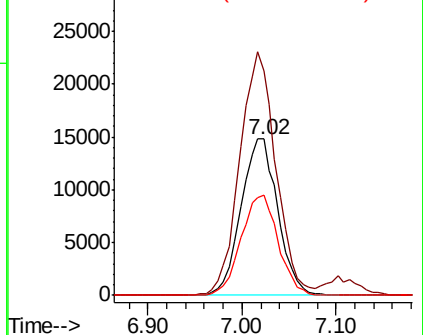


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

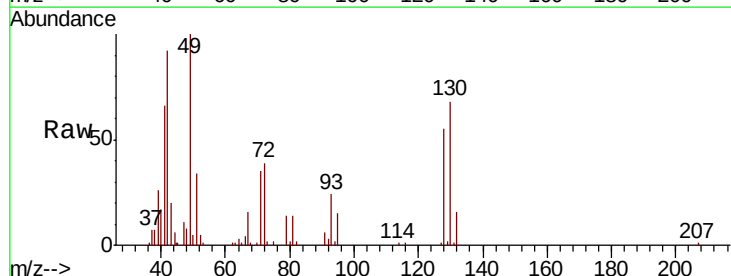
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
 Concen: 20.672 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion	49	Resp	31810
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	69.9	54.4	81.6

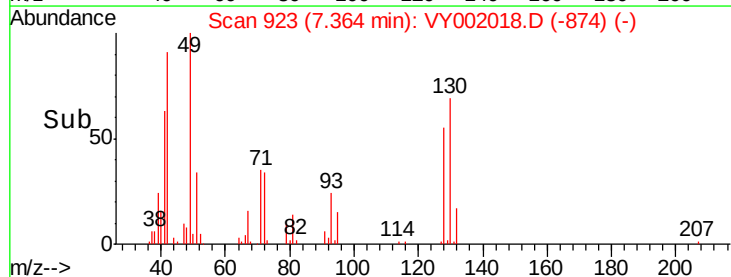
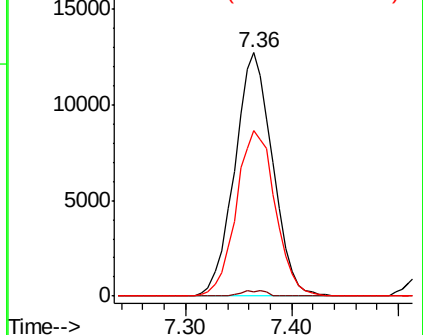


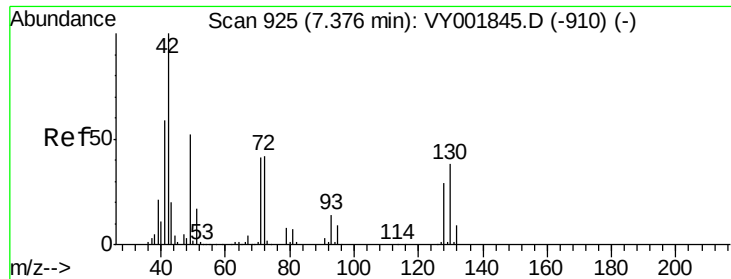
Abundance

Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

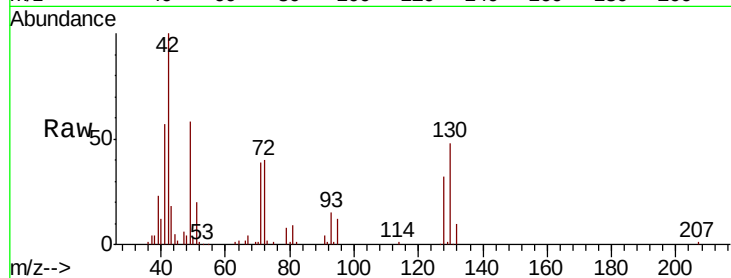




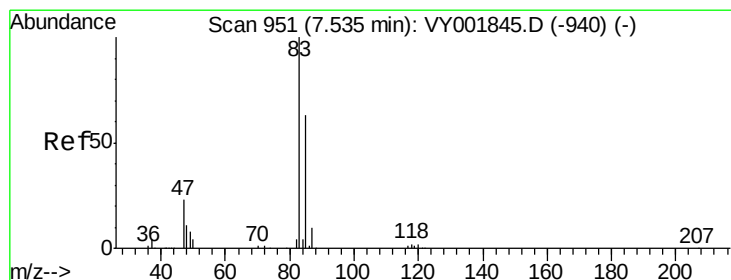
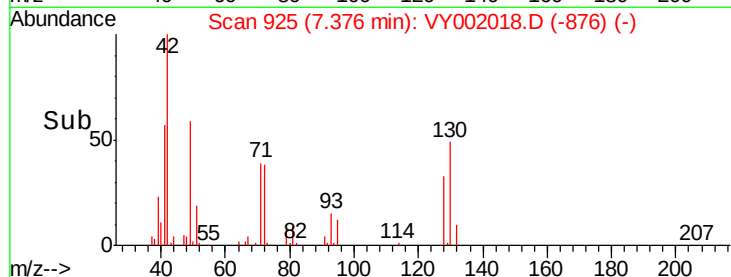
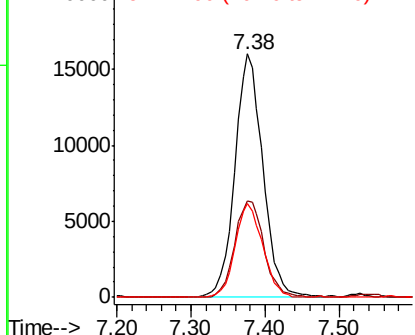
#29
Tetrahydrofuran
Concen: 86.288 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion: 42 Resp: 42276
Ion Ratio Lower Upper
42 100
72 41.5 33.5 50.3
71 37.6 31.3 46.9

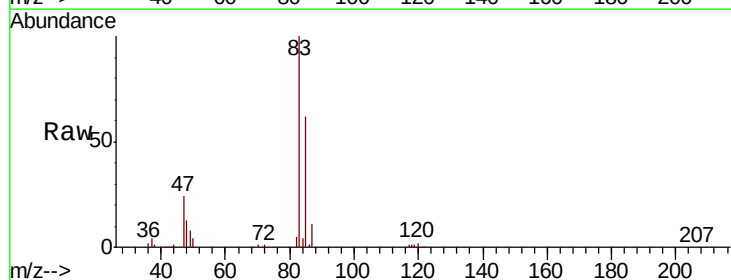


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

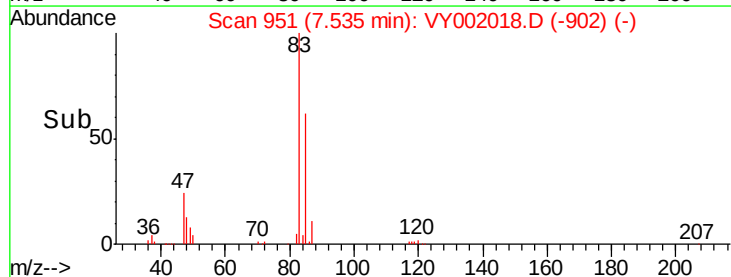
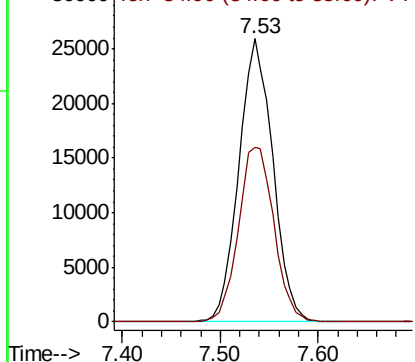


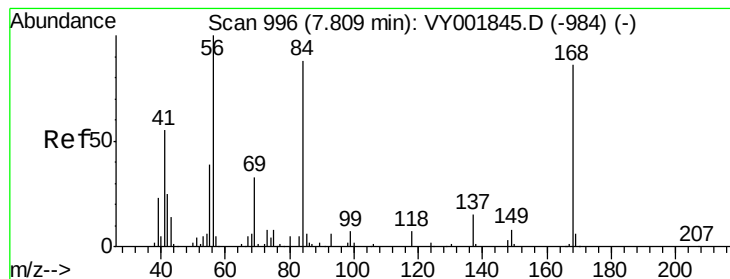
#30
Chloroform
Concen: 19.520 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 83 Resp: 62608
Ion Ratio Lower Upper
83 100
85 61.8 50.7 76.1



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





#31

Cyclohexane

Concen: 18.520 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

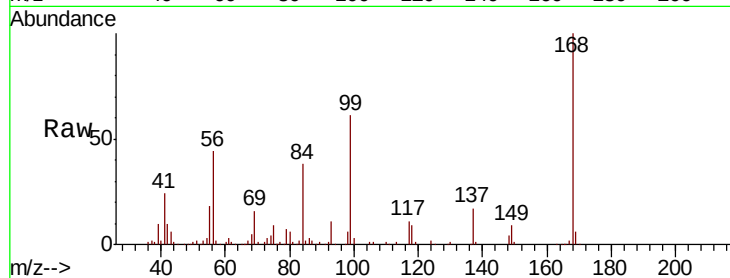
Tot Ion: 56 Resp: 67788

Ion Ratio Lower Upper

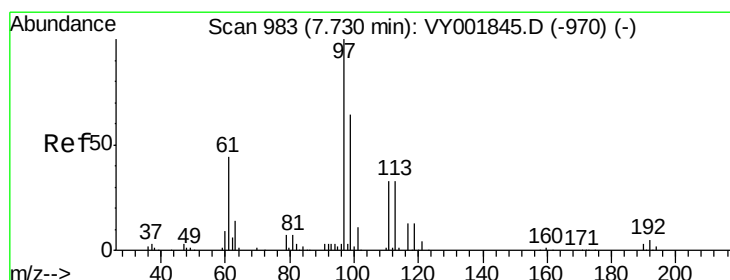
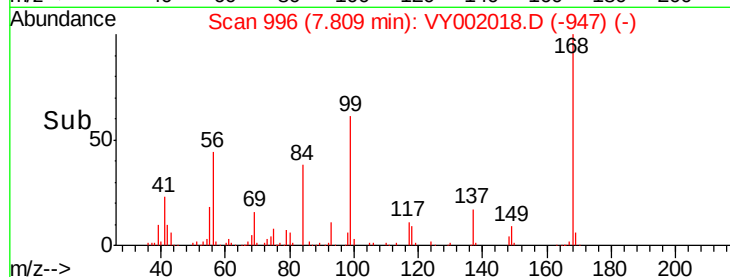
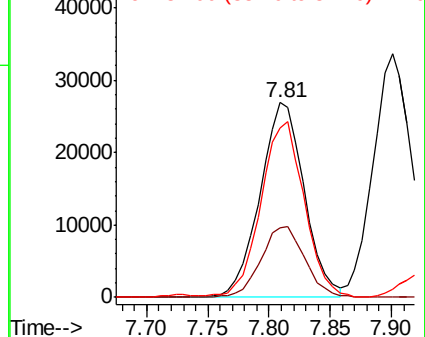
56 100

69 35.5 26.7 40.1

84 85.8 70.4 105.6



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: 19.481 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

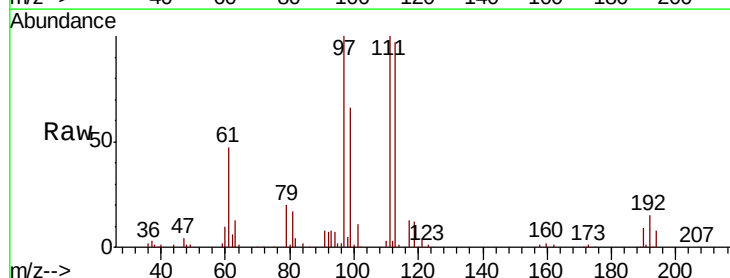
Tgt Ion: 97 Resp: 52664

Ion Ratio Lower Upper

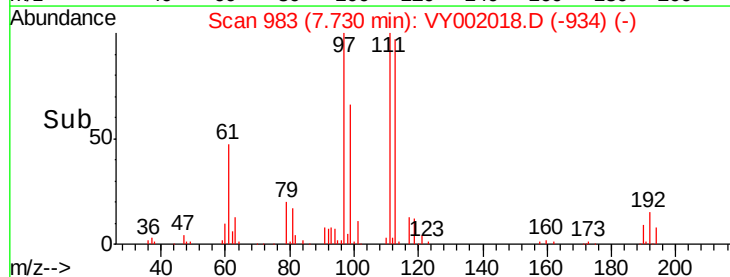
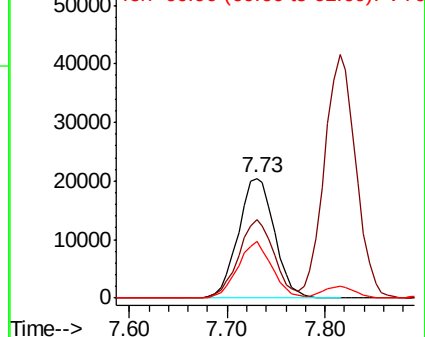
97 100

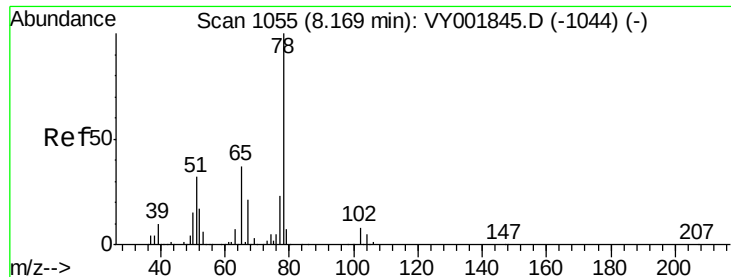
99 64.1 52.0 78.0

61 44.4 35.0 52.4



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

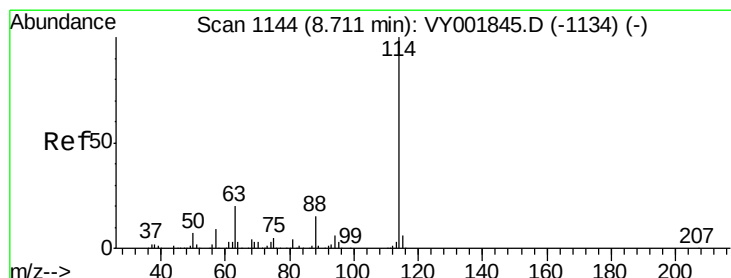
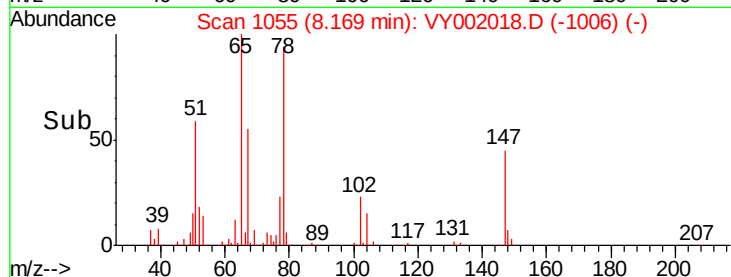
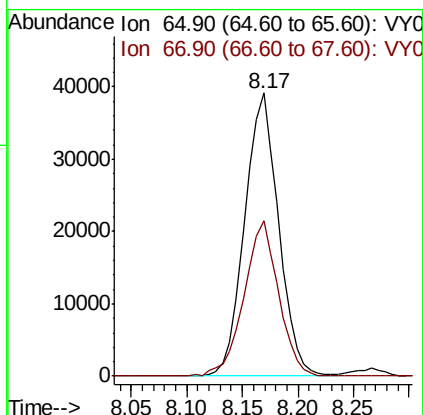
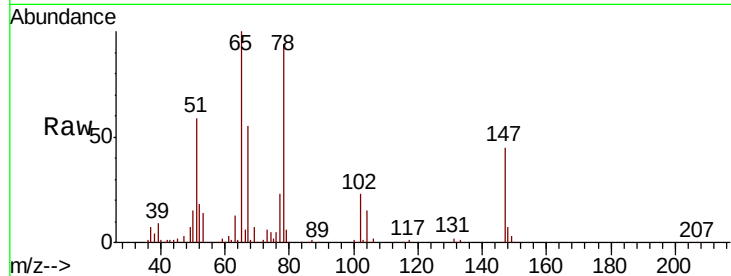




#33
 1,2-Dichloroethane-d4
 Concen: 49.958 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

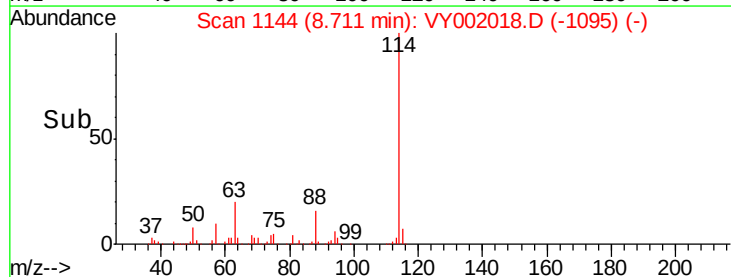
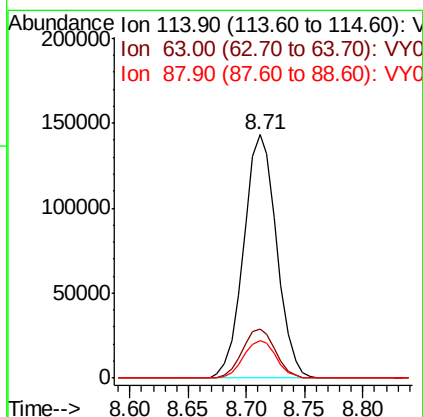
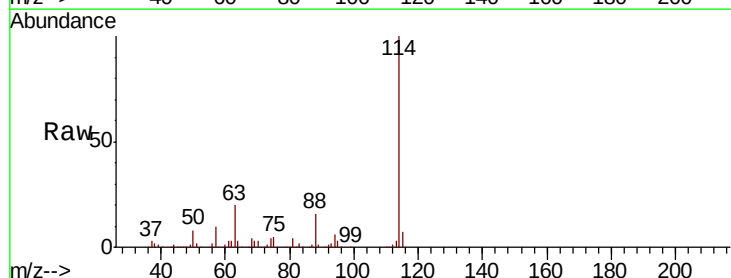
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

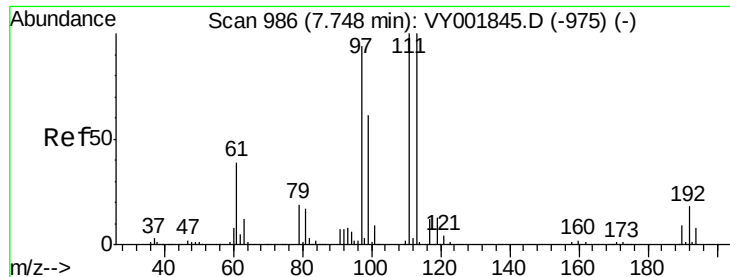
Tot Ion: 65 Resp: 83215
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion: 114 Resp: 281714
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.4
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.114 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

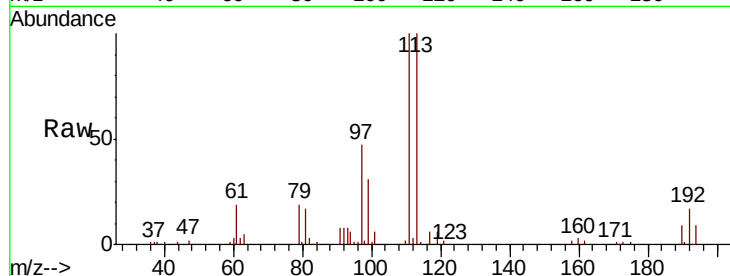
Tot Ion:113 Resp: 78628

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

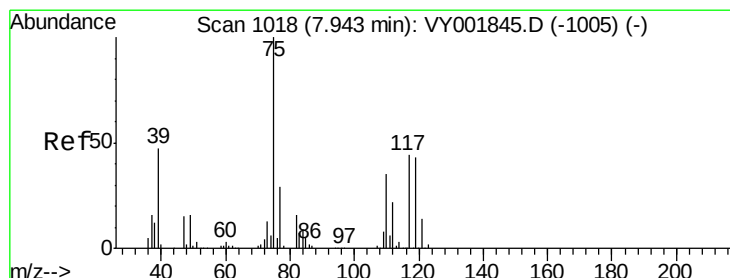
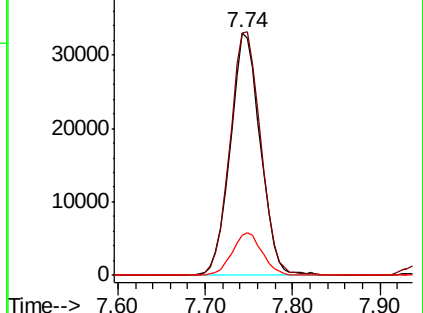
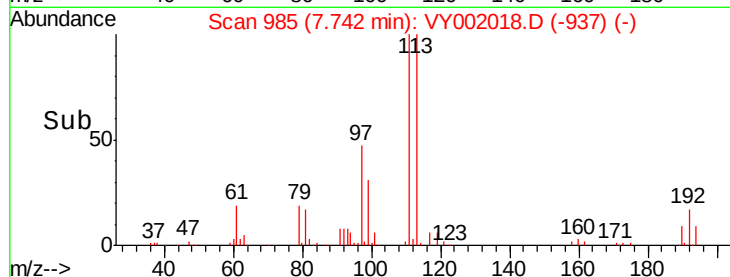
192 17.5 14.2 21.2



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: 19.078 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

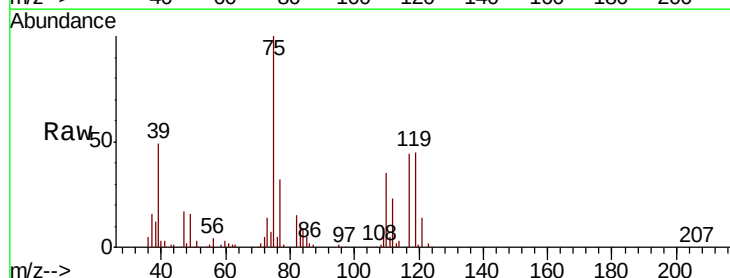
Tgt Ion: 75 Resp: 51720

Ion Ratio Lower Upper

75 100

110 34.7 17.4 52.2

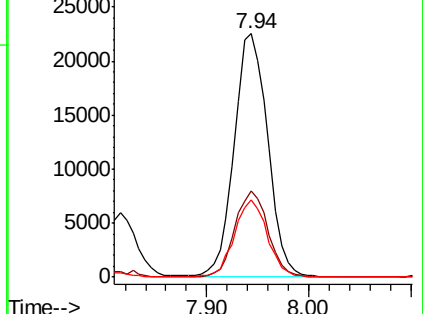
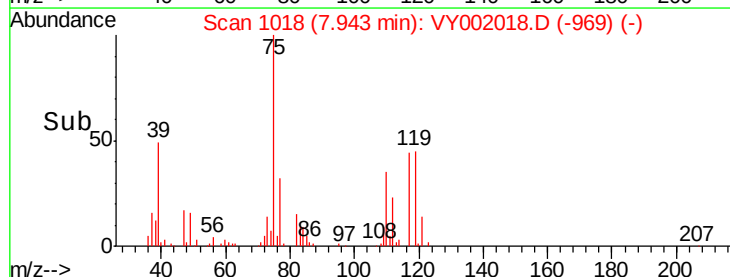
77 30.9 24.2 36.2

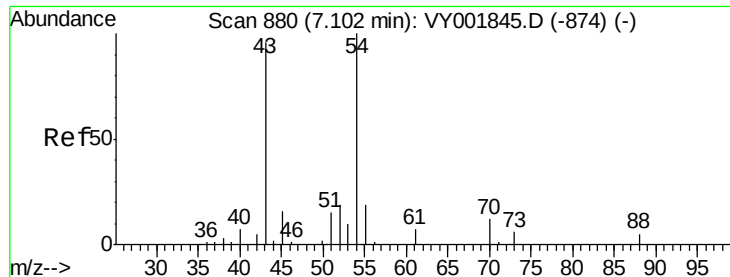


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

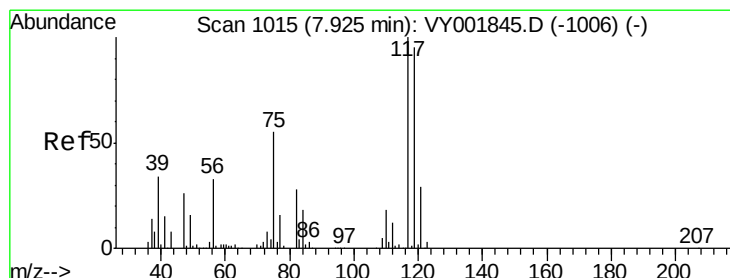
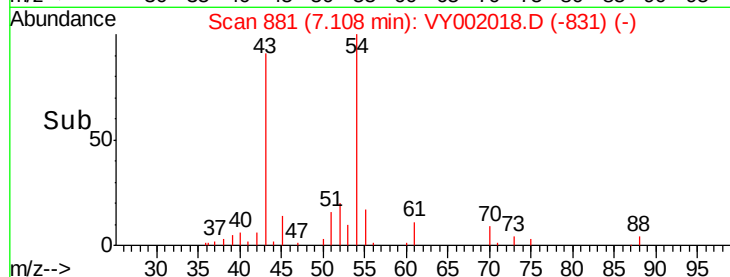
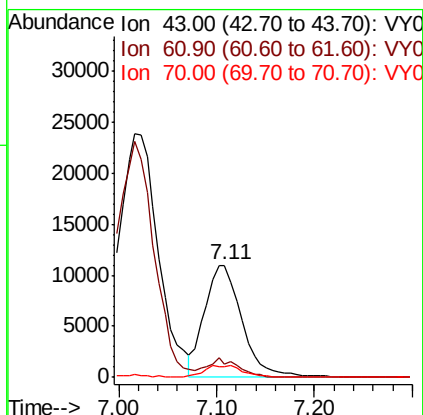
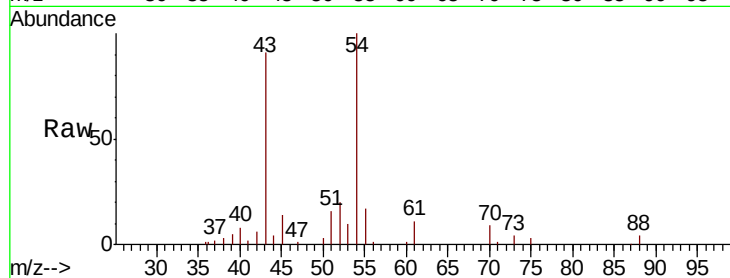




#37
Ethyl Acetate
Concen: 18.333 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

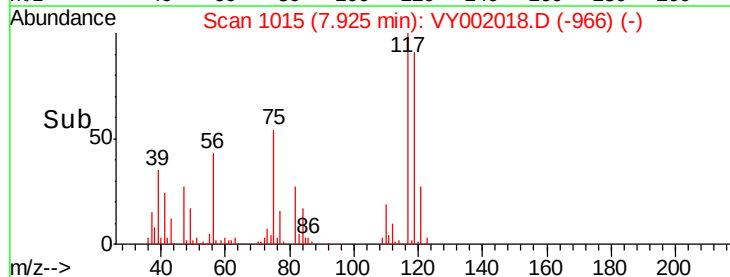
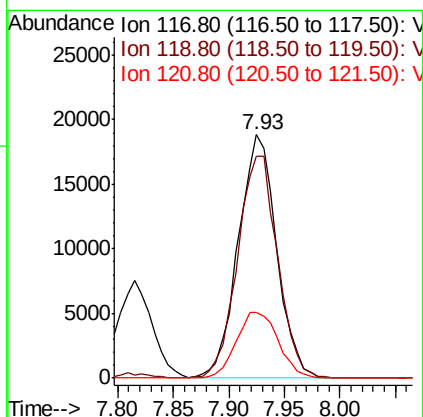
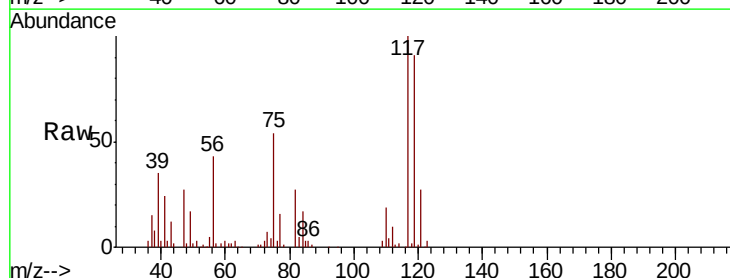
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

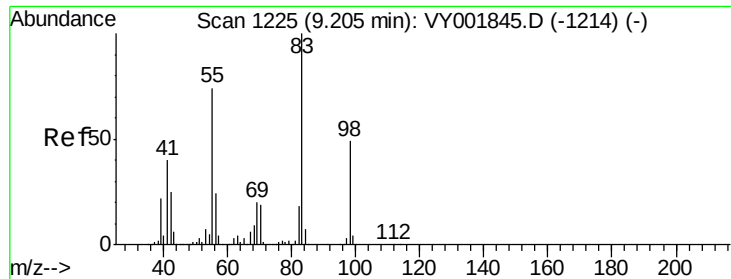
Tot Ion: 43 Resp: 28886
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 10.7 8.2 12.4



#38
Carbon Tetrachloride
Concen: 19.419 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 117 Resp: 44972
Ion Ratio Lower Upper
117 100
119 91.1 76.3 114.5
121 27.0 23.5 35.3

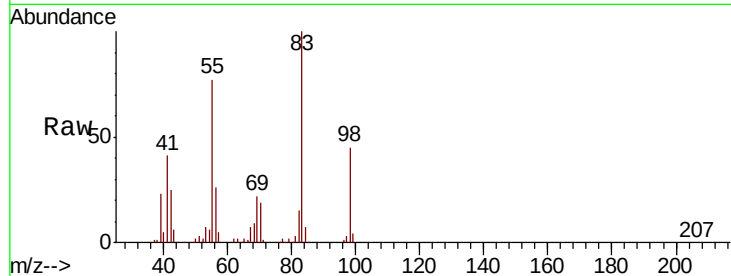




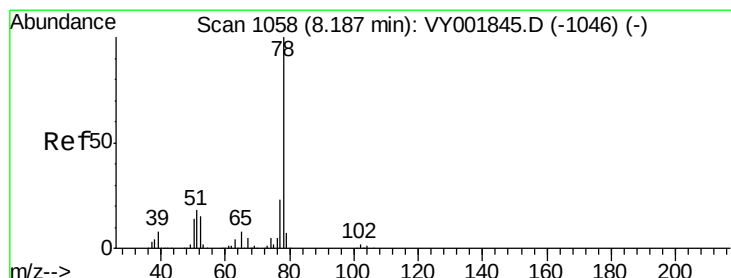
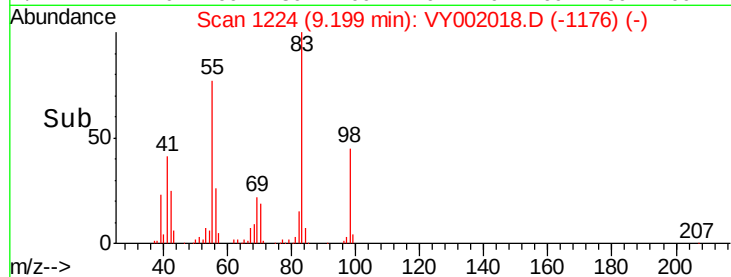
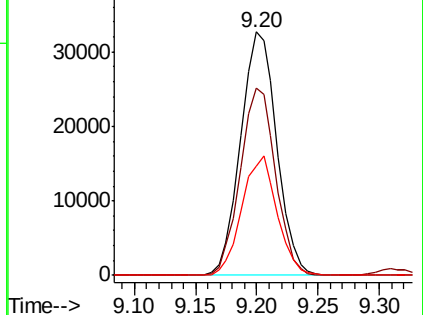
#39
Methylvlcyclohexane
Concen: 18.648 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion: 83 Resp: 67051
Ion Ratio Lower Upper
83 100
55 77.0 59.4 89.0
98 45.0 38.9 58.3

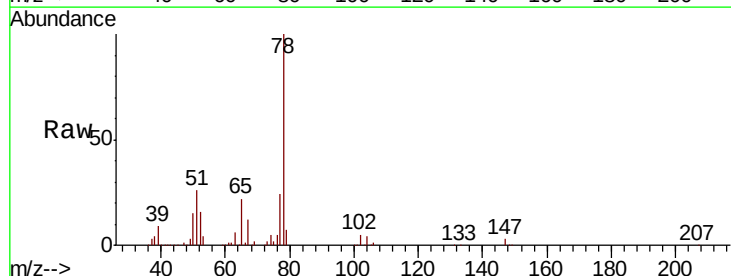


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

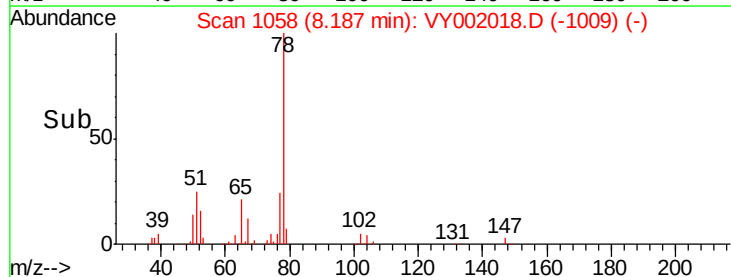
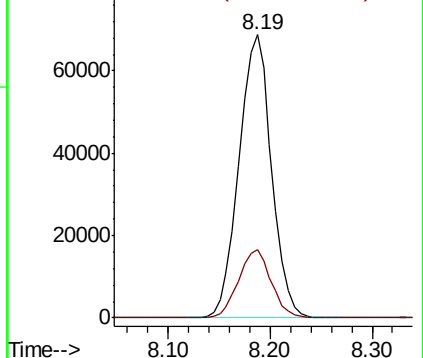


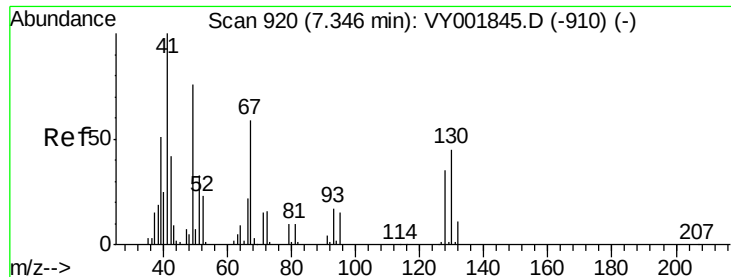
#40
Benzene
Concen: 18.918 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 78 Resp: 152009
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1



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





#41

Methacrylonitrile

Concen: 54.171 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.03 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tot Ion: 41 Resp: 38412

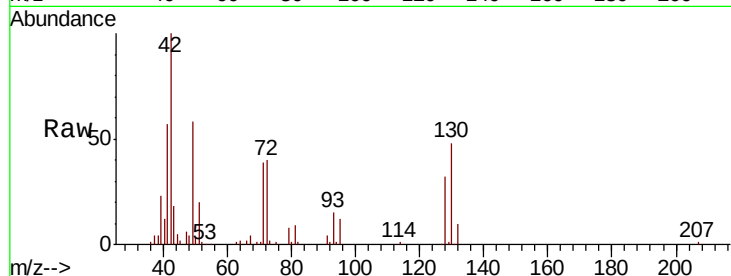
Ion Ratio Lower Upper

41 100

39 0.0 111.7 167.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

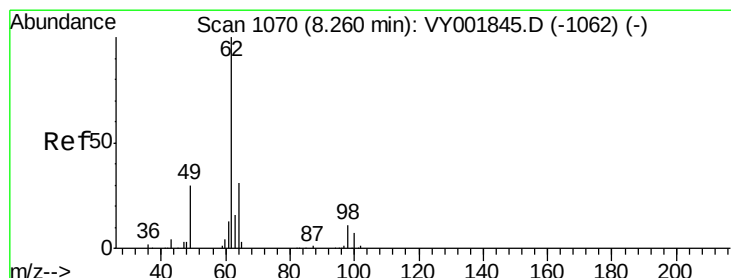
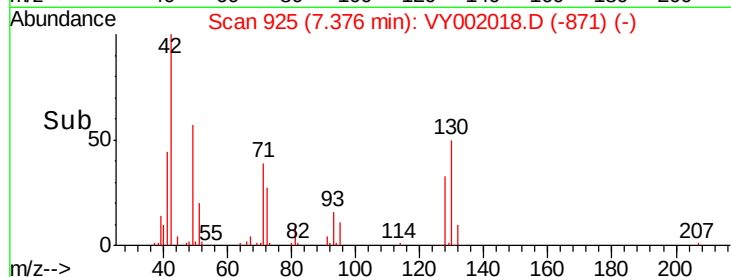
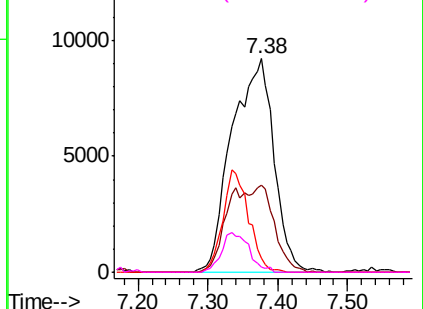


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 19.055 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VY002018.D

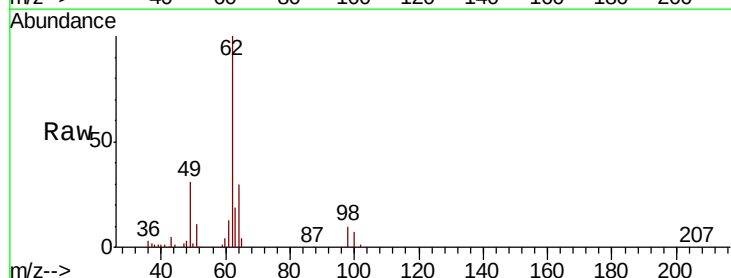
Acq: 19 Mar 2020 13:58

Tgt Ion: 62 Resp: 39454

Ion Ratio Lower Upper

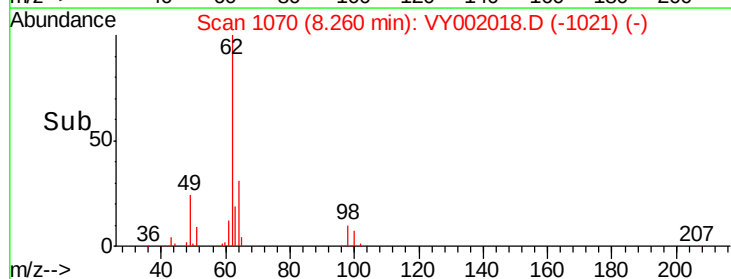
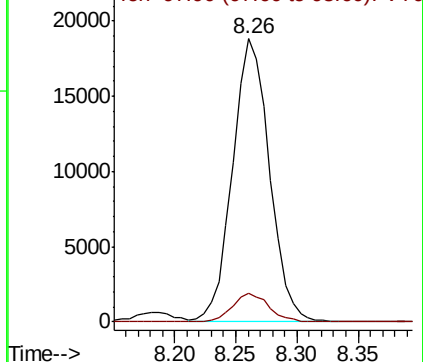
62 100

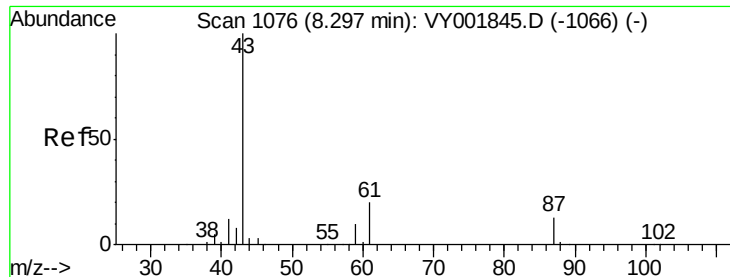
98 9.9 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 17.891 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

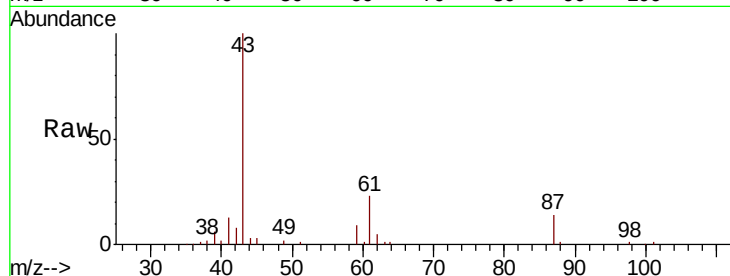
Tot Ion: 43 Resp: 53370

Ion Ratio Lower Upper

43 100

61 30.1 23.8 35.6

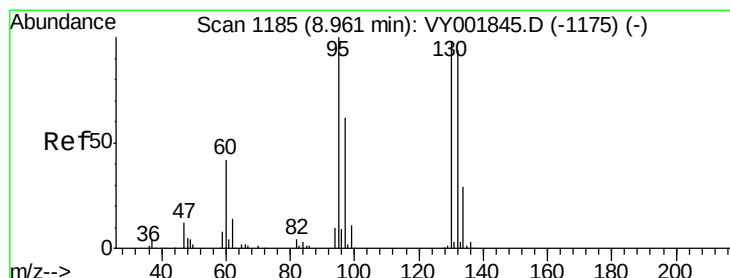
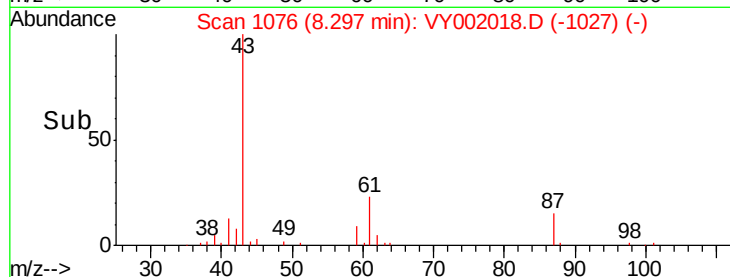
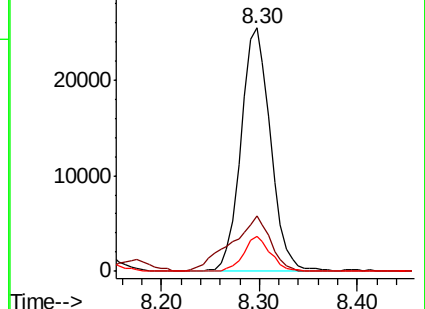
87 12.9 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY002018.D (-1076) (-)

Ion 61.00 (60.70 to 61.70): VY002018.D (-1076) (-)

Ion 87.00 (86.70 to 87.70): VY002018.D (-1076) (-)



#44

Trichloroethene

Concen: 19.087 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY002018.D

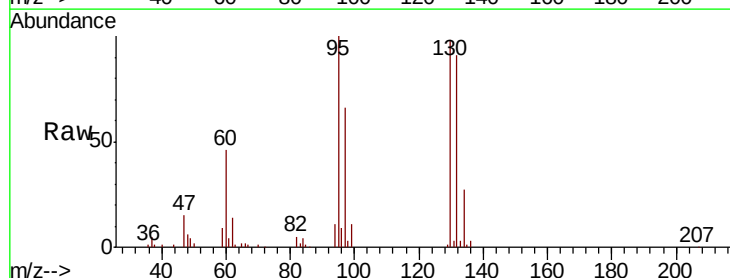
Acq: 19 Mar 2020 13:58

Tgt Ion:130 Resp: 37351

Ion Ratio Lower Upper

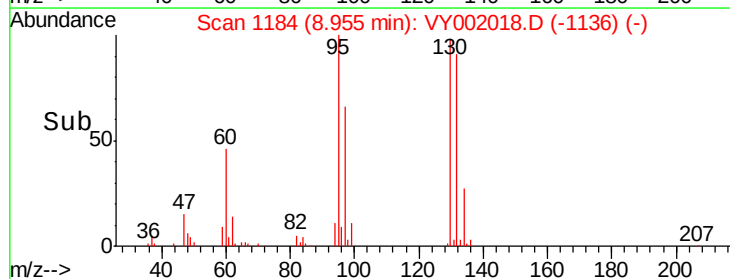
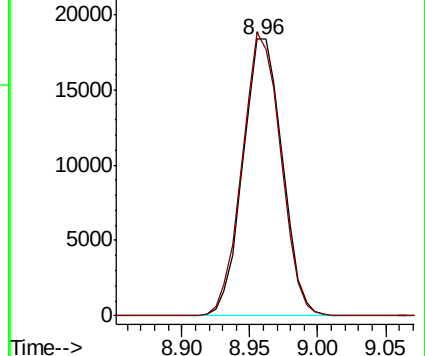
130 100

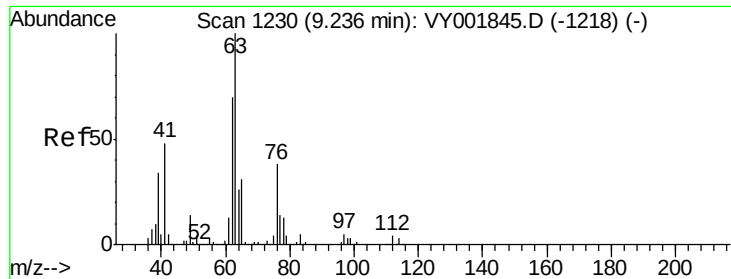
95 102.4 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY002018.D (-1184) (-)

Ion 94.90 (94.60 to 95.60): VY002018.D (-1184) (-)

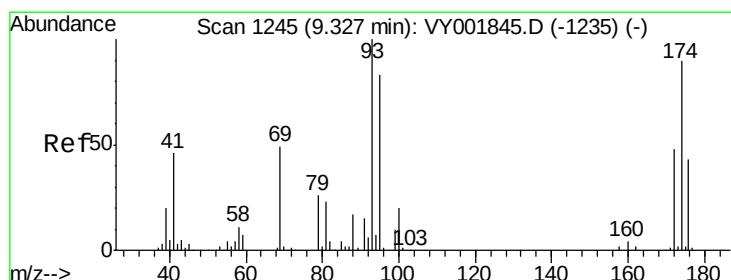
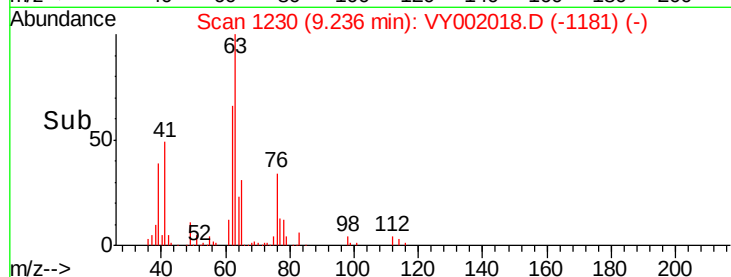
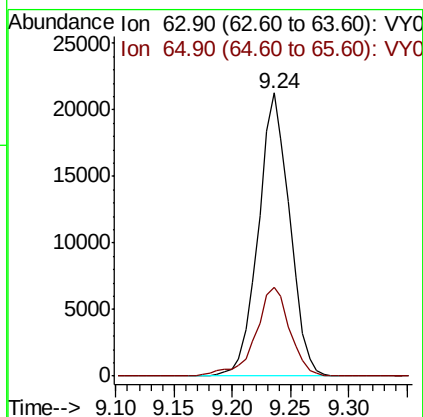
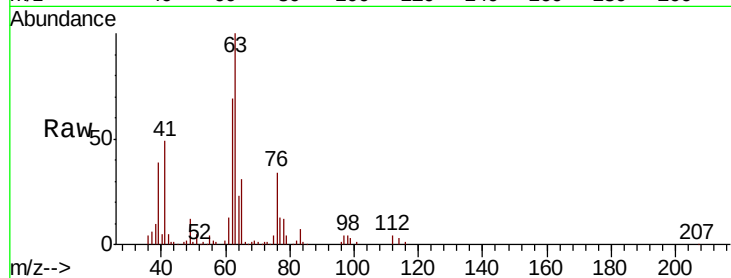




#45
 1,2-Dichloropropane
 Concen: 19.557 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

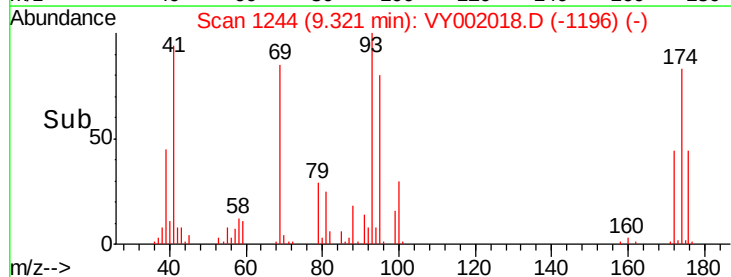
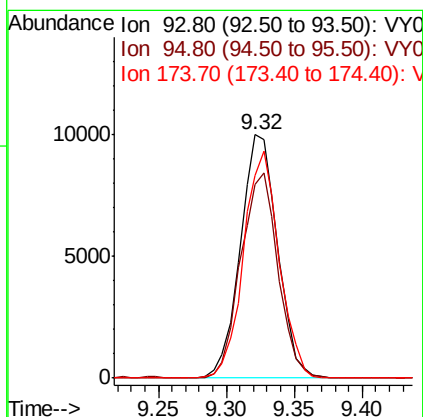
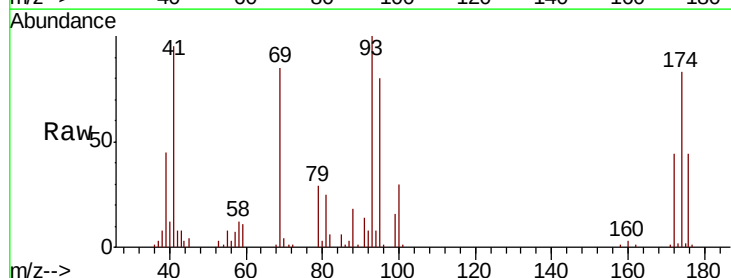
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

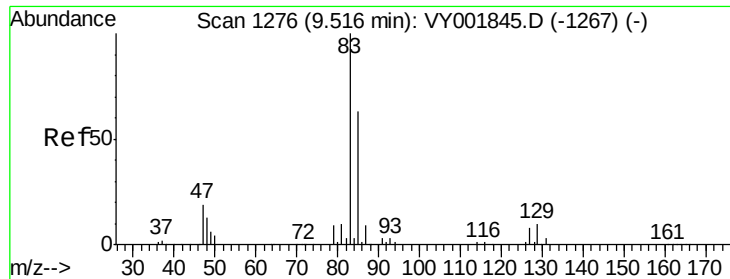
Tot Ion: 63 Resp: 39504
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.9 37.3



#46
 Dibromomethane
 Concen: 18.338 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion: 93 Resp: 19088
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.0 100.4
 174 89.2 71.8 107.8





#47

Bromodichloromethane

Concen: 19.223 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

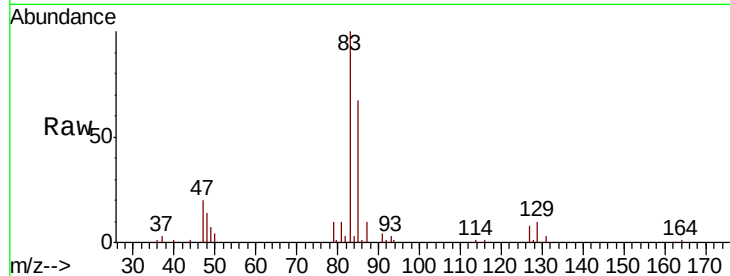
Tot Ion: 83 Resp: 46546

Ion Ratio Lower Upper

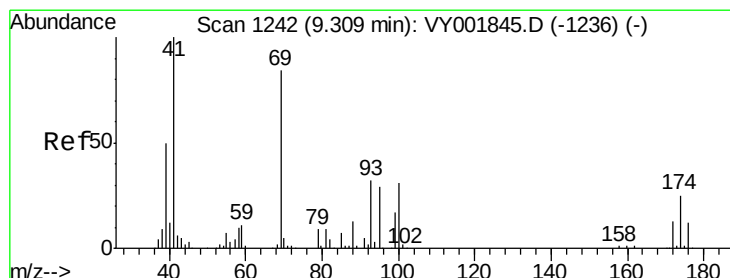
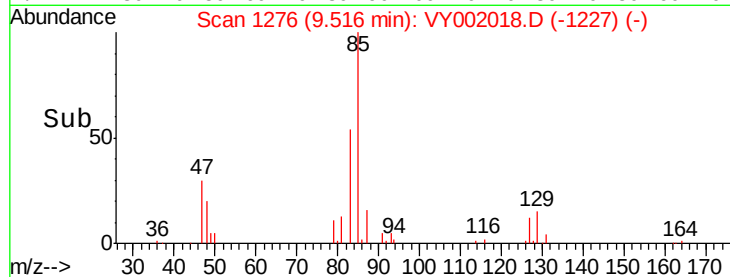
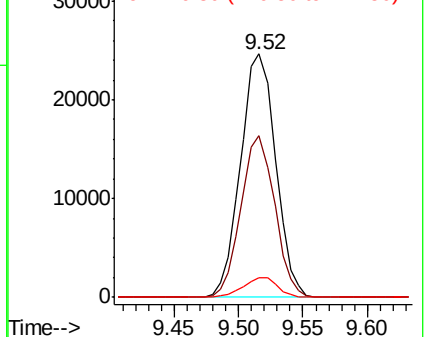
83 100

85 66.6 50.6 76.0

127 8.0 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 17.569 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

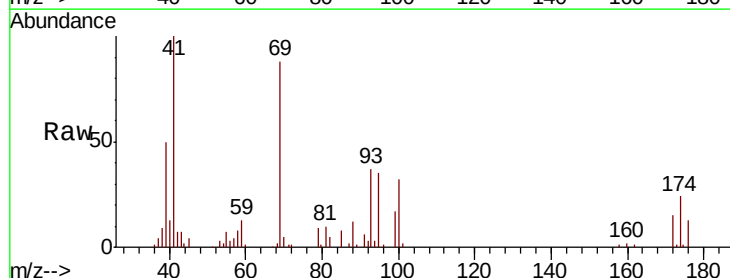
Tgt Ion: 41 Resp: 23255

Ion Ratio Lower Upper

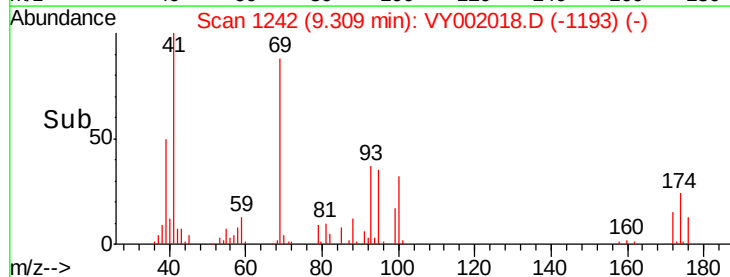
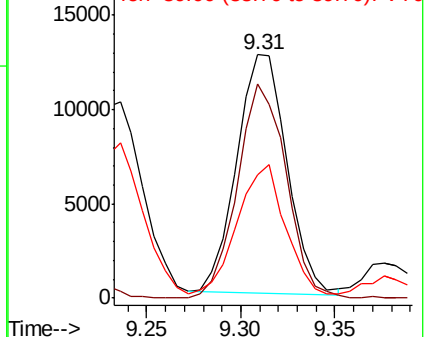
41 100

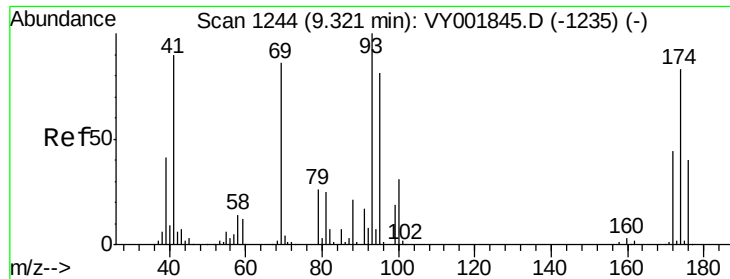
69 87.6 69.0 103.6

39 55.7 39.1 58.7



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

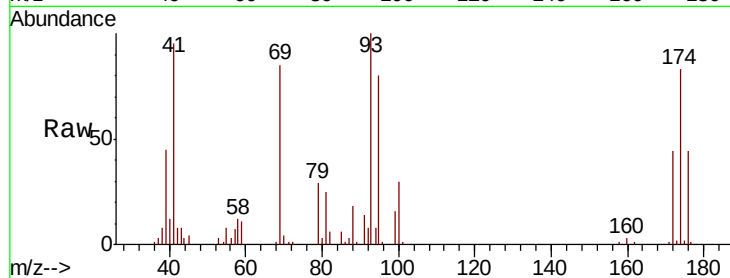




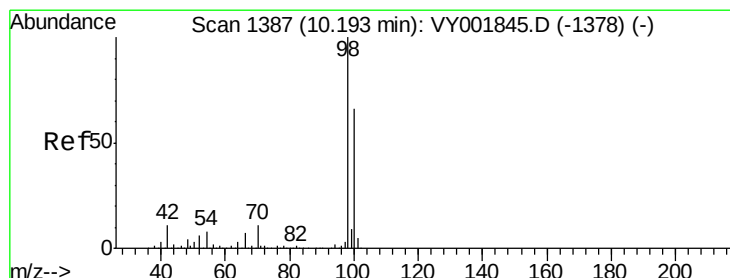
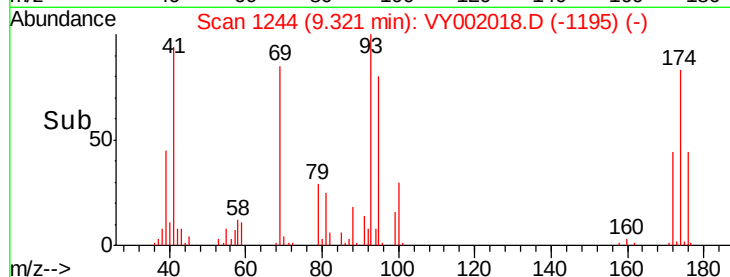
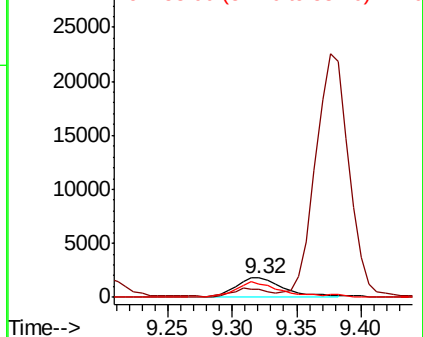
#49
 1,4-Dioxane
 Concen: 335.832 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Tot Ion: 88 Resp: 4790
 Ion Ratio Lower Upper
 88 100
 43 33.4 25.0 37.6
 58 69.2 58.9 88.3

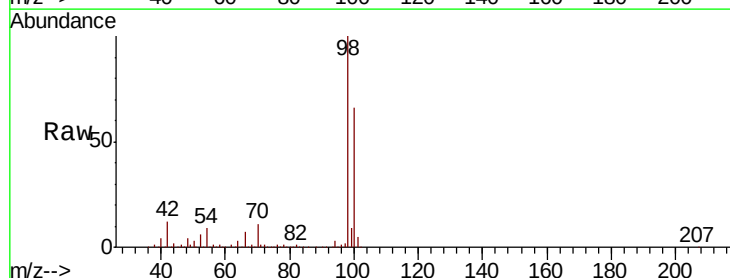


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

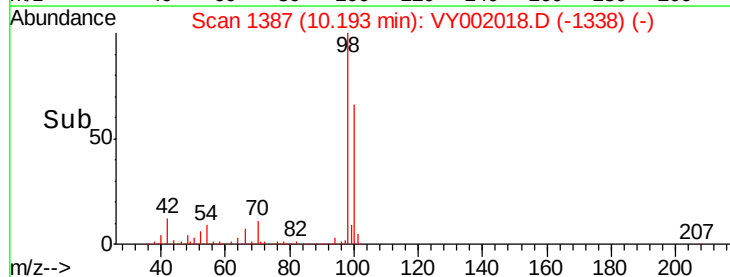
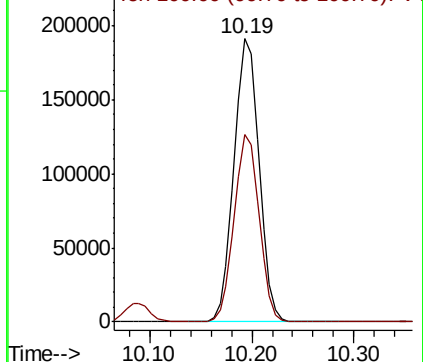


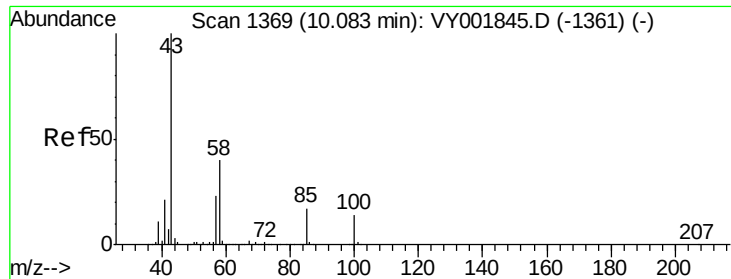
#50
 Toluene-d8
 Concen: 49.893 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion: 98 Resp: 323643
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.0 79.4



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

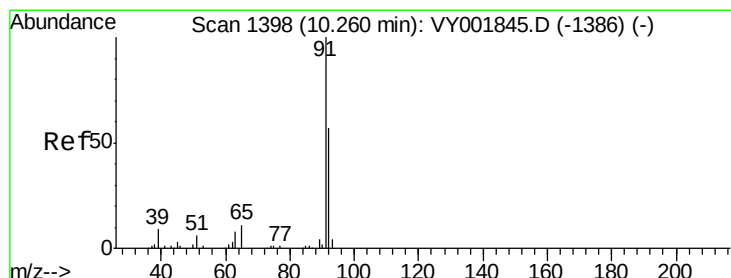
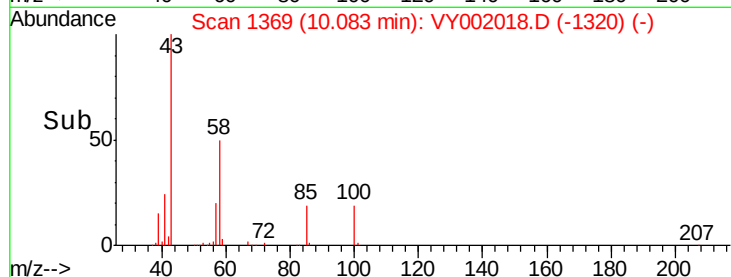
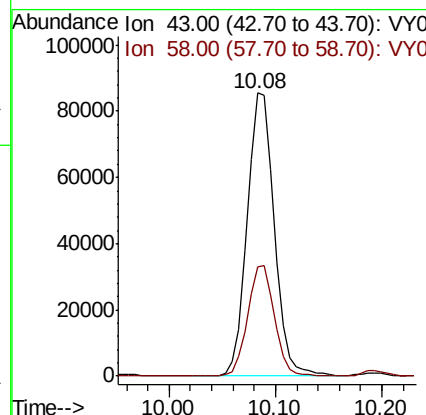
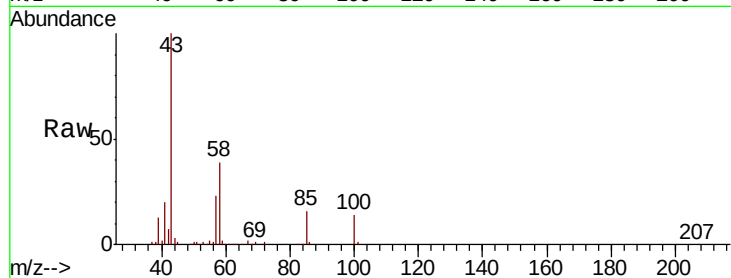




#51
4-Methyl-2-Pentanone
Concen: 99.914 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

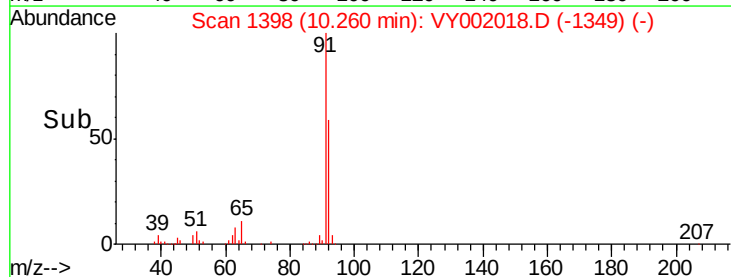
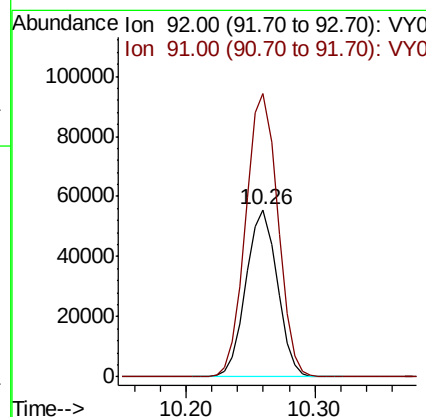
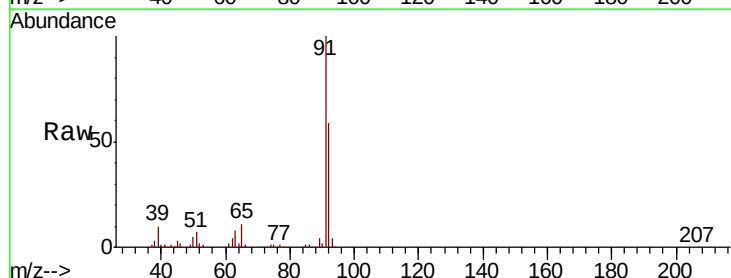
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

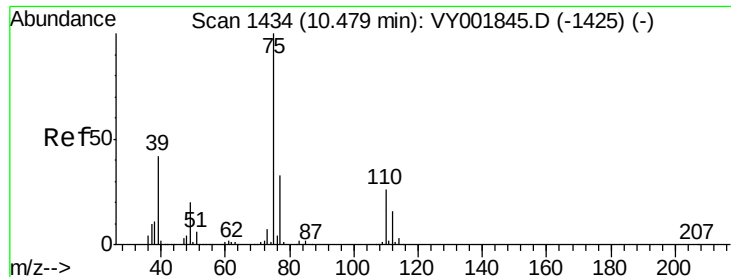
Tot Ion: 43 Resp: 153517
Ion Ratio Lower Upper
43 100
58 38.5 32.0 48.0



#52
Toluene
Concen: 19.151 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 92 Resp: 93480
Ion Ratio Lower Upper
92 100
91 173.8 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 18.825 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

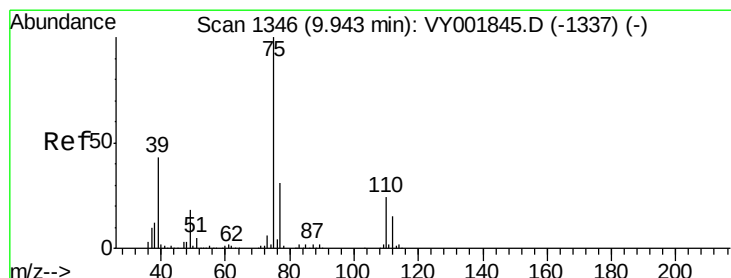
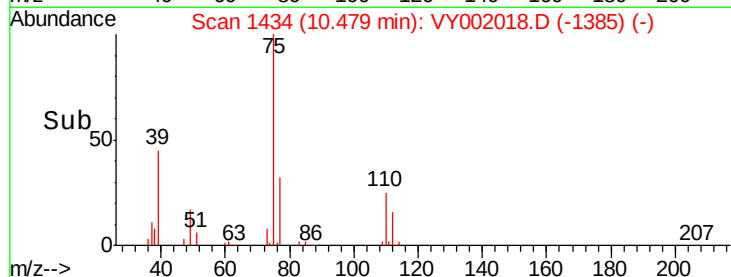
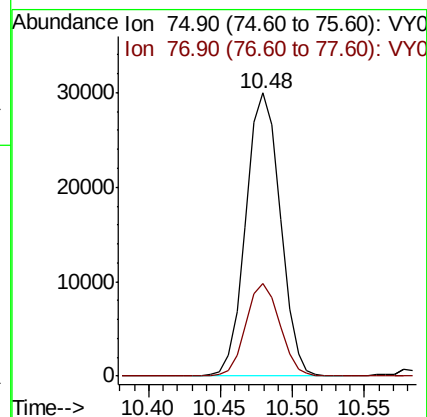
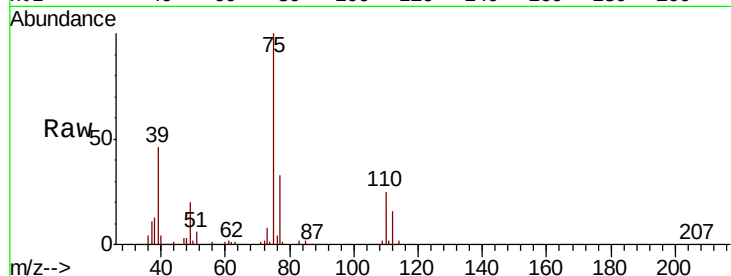
VY0319SBS01

Tot Ion: 75 Resp: 49662

Ion Ratio Lower Upper

75 100

77 32.7 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 18.781 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

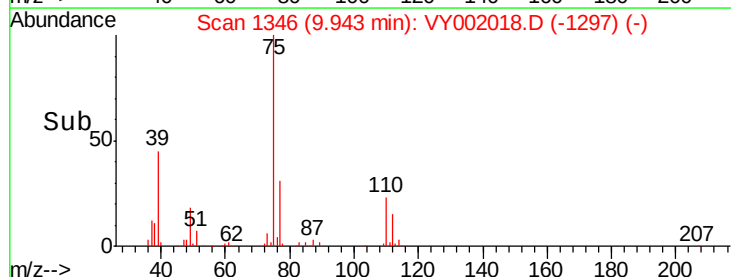
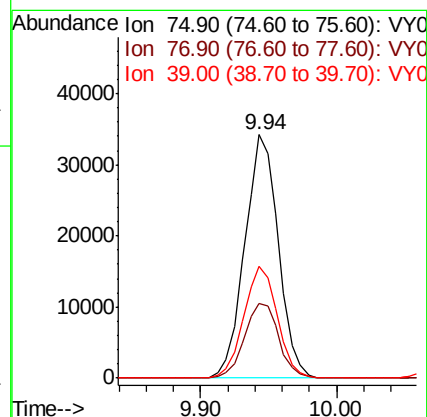
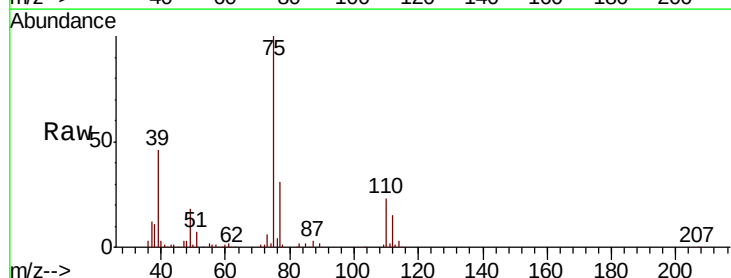
Tgt Ion: 75 Resp: 58980

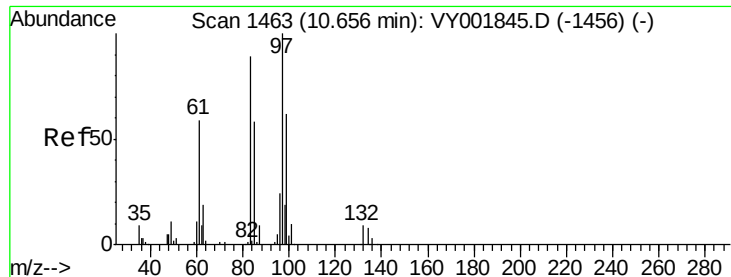
Ion Ratio Lower Upper

75 100

77 30.6 25.1 37.7

39 46.2 34.7 52.1

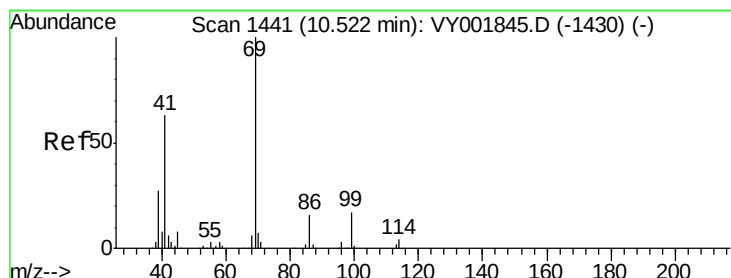
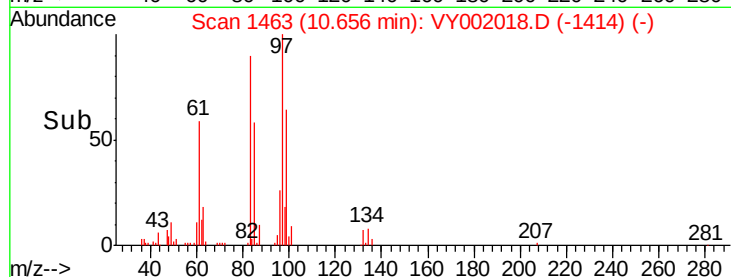
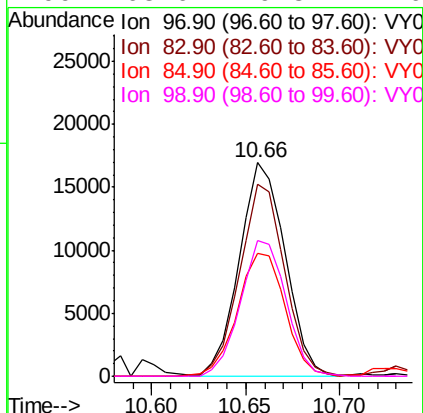
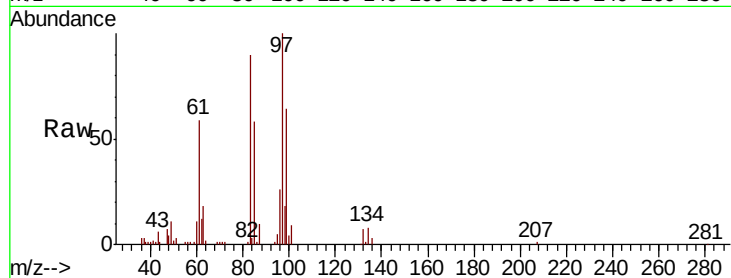




#55
 1,1,2-Trichloroethane
 Concen: 18.777 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

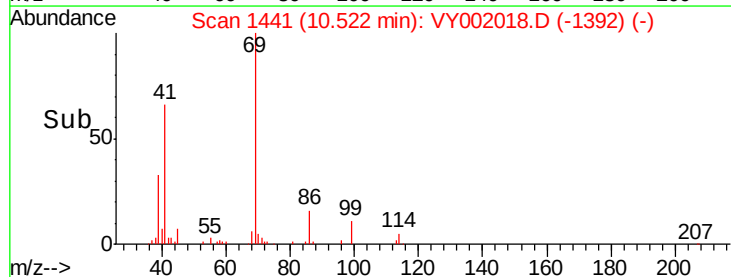
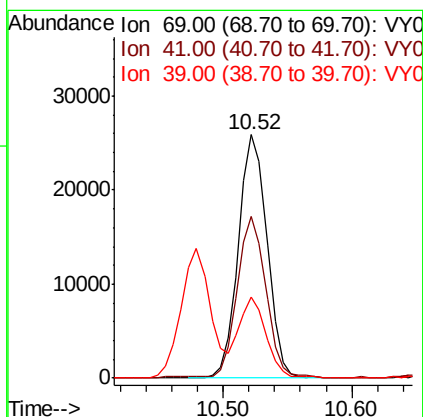
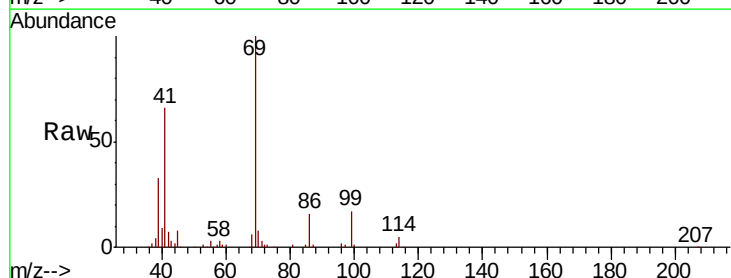
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

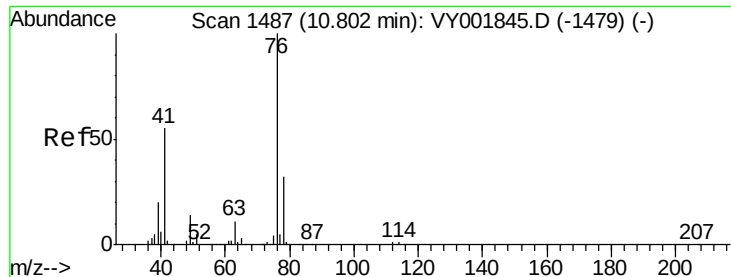
Tot Ion: 97 Resp: 28604
 Ion Ratio Lower Upper
 97 100
 83 89.8 71.6 107.4
 85 57.6 46.6 69.8
 99 63.6 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 17.922 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion: 69 Resp: 40017
 Ion Ratio Lower Upper
 69 100
 41 66.9 49.9 74.9
 39 31.6 23.0 34.6





#57

1,3-Dichloropropane

Concen: 18.734 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

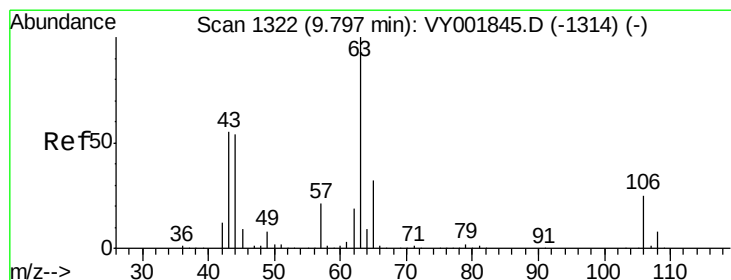
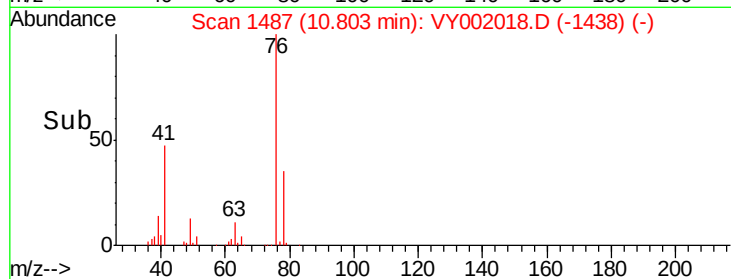
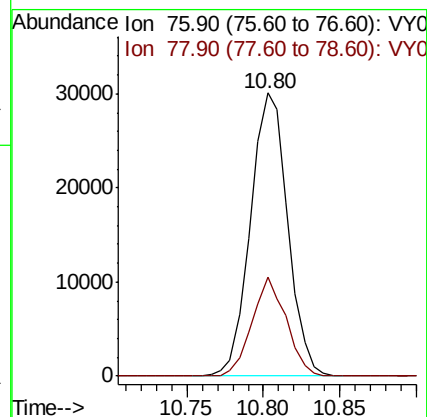
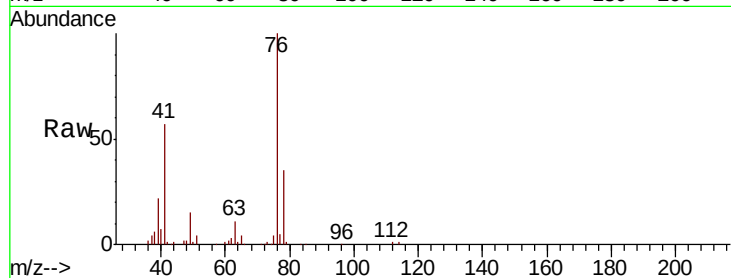
VY0319SBS01

Tot Ion: 76 Resp: 50871

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 122.994 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY002018.D

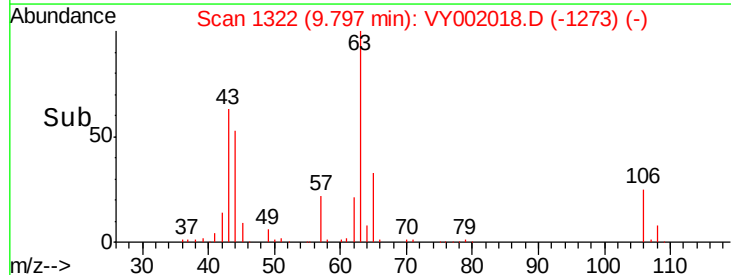
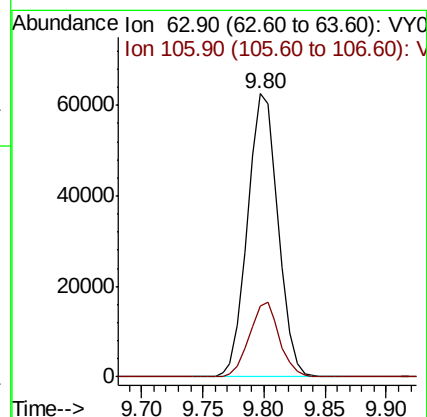
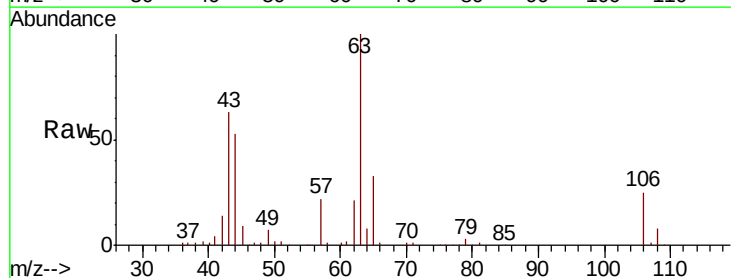
Acq: 19 Mar 2020 13:58

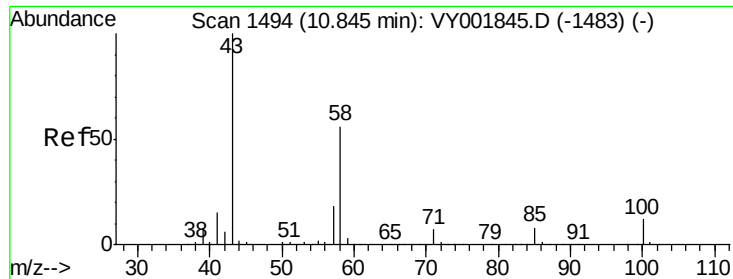
Tgt Ion: 63 Resp: 108752

Ion Ratio Lower Upper

63 100

106 25.8 21.3 31.9

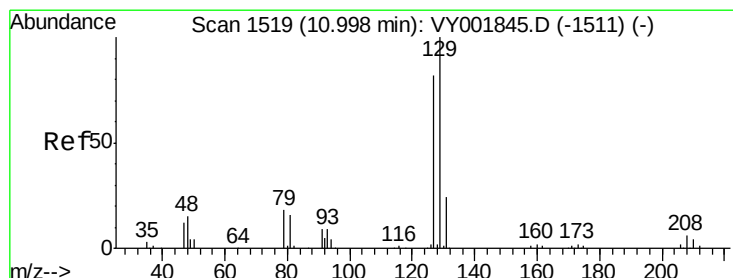
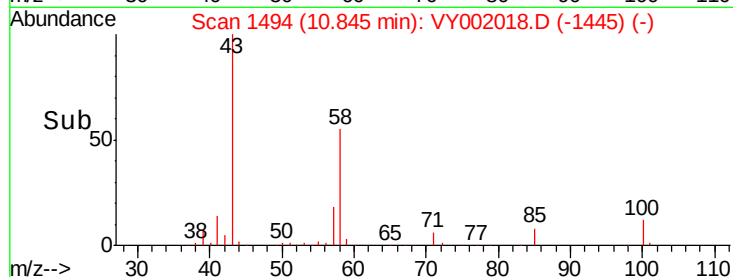
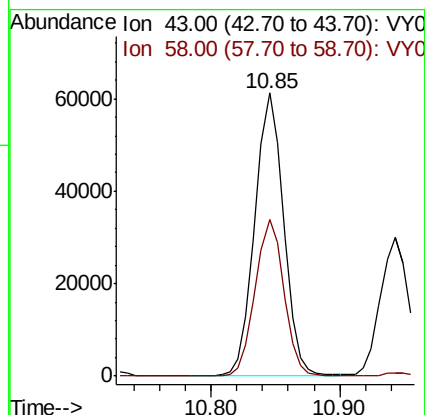
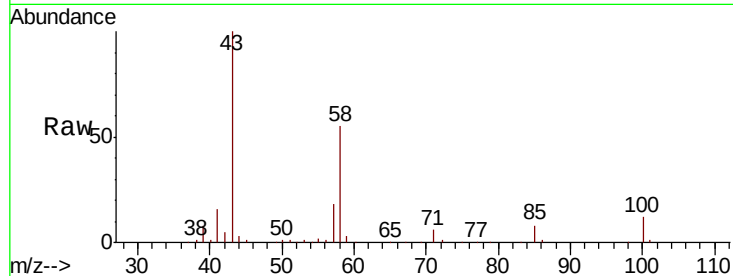




#59
2-Hexanone
Concen: 86.303 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

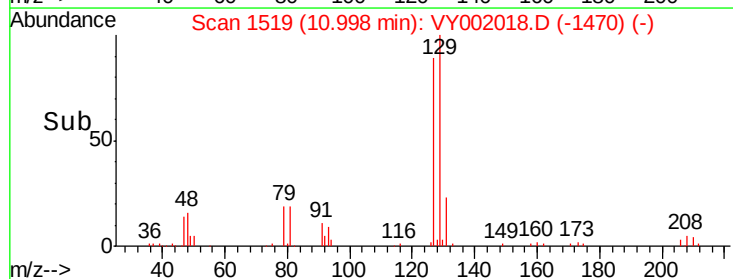
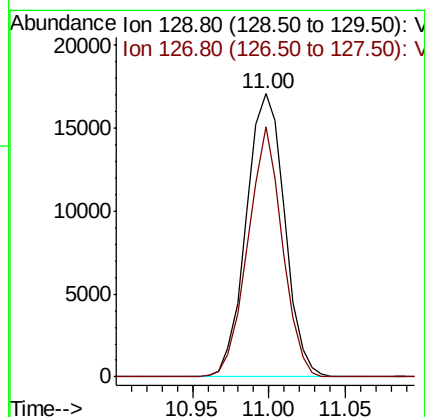
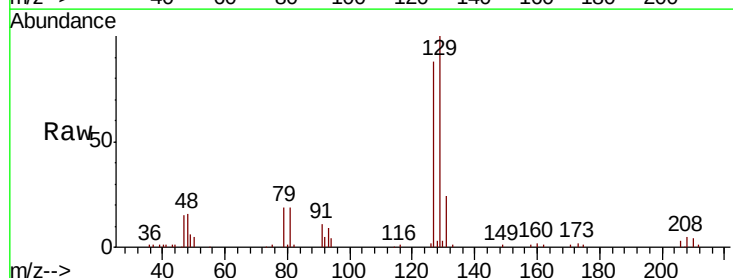
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01

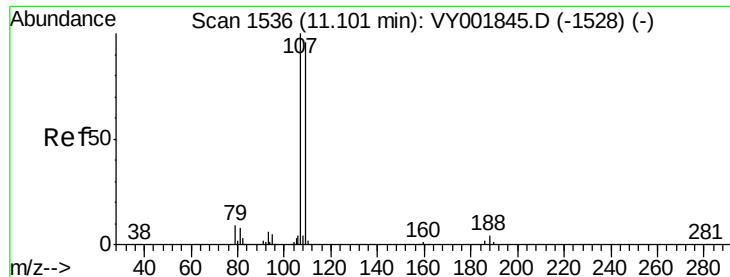
Tot Ion: 43 Resp: 94646
Ion Ratio Lower Upper
43 100
58 55.1 28.1 84.3



#60
Dibromochloromethane
Concen: 18.558 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 129 Resp: 29790
Ion Ratio Lower Upper
129 100
127 79.2 39.0 117.0

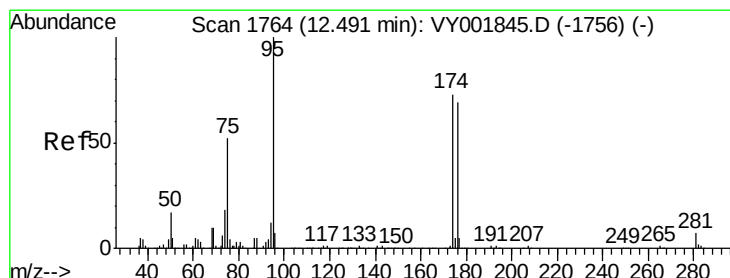
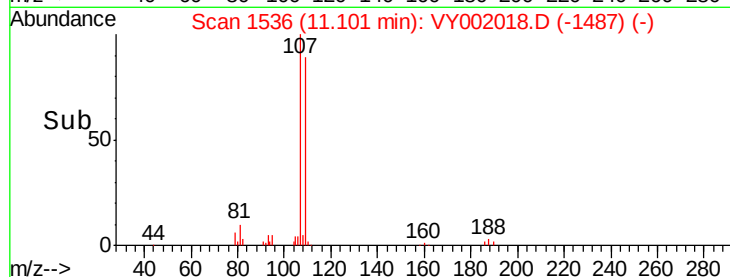
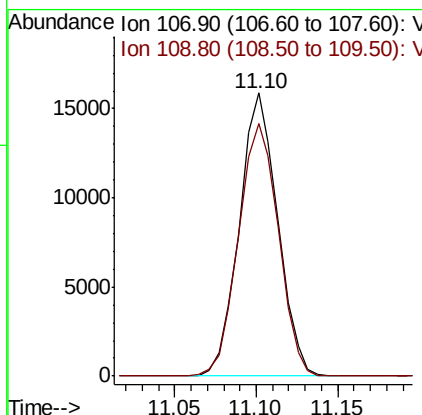
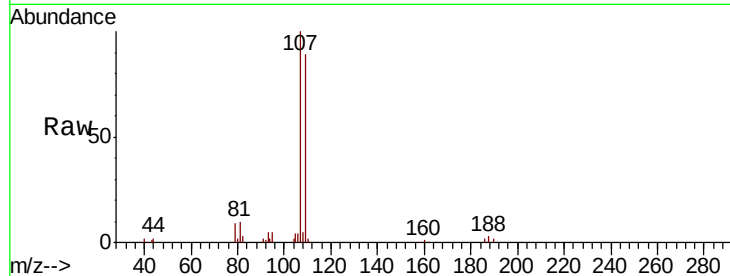




#61
 1,2-Dibromoethane
 Concen: 18.044 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

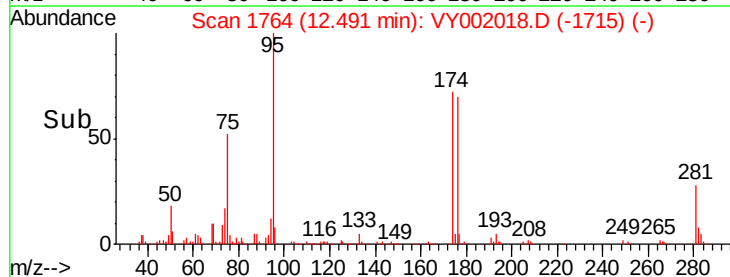
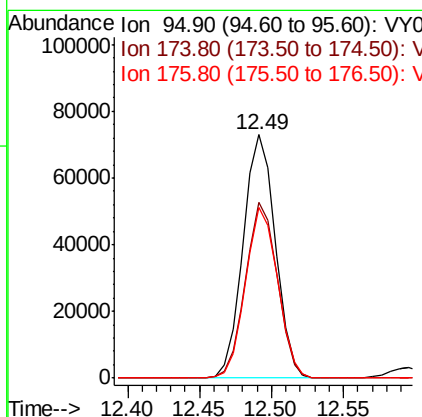
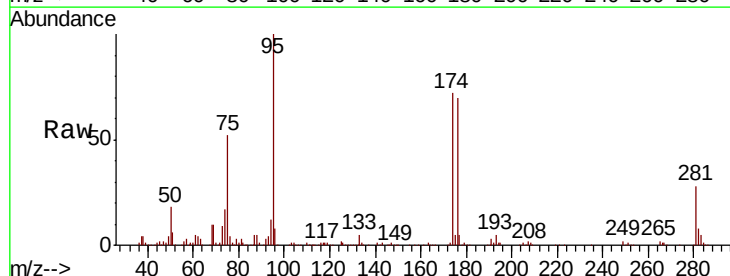
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

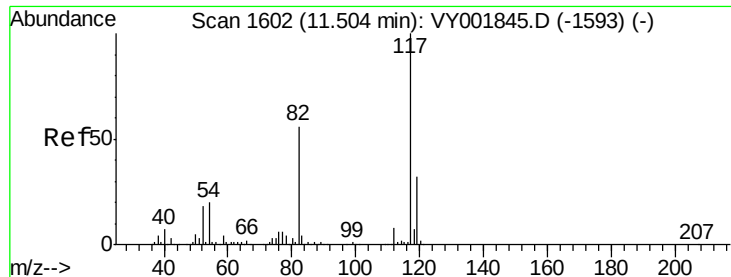
Tot Ion: 107 Resp: 26038
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.007 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion: 95 Resp: 112790
 Ion Ratio Lower Upper
 95 100
 174 71.5 0.0 145.0
 176 69.9 0.0 137.4

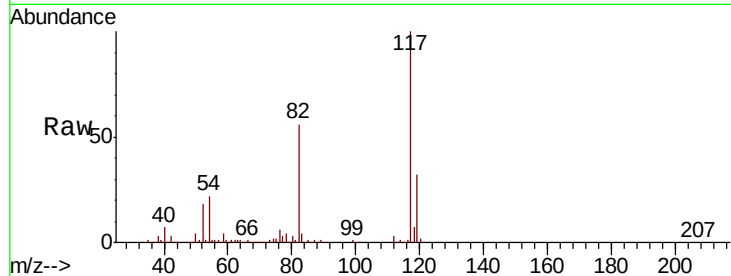




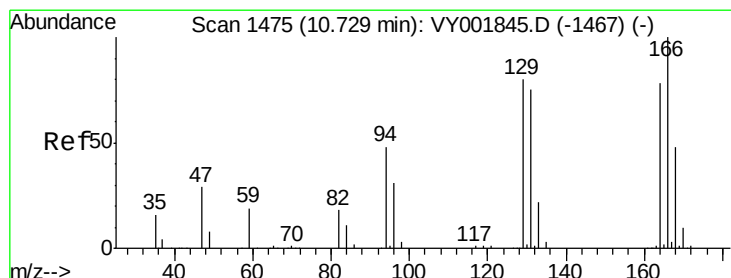
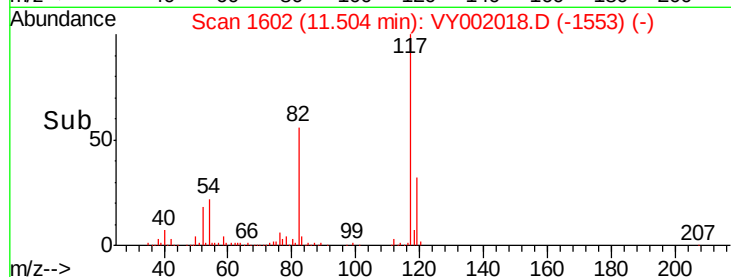
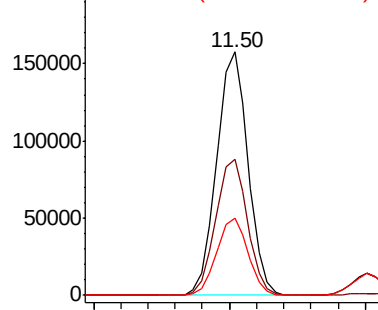
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion:117 Resp: 254750
Ion Ratio Lower Upper
117 100
82 55.7 44.5 66.7
119 31.8 25.7 38.5

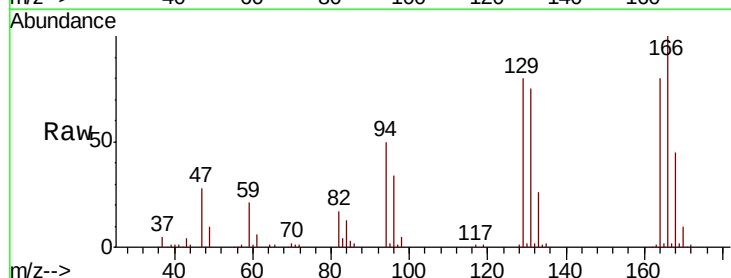


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

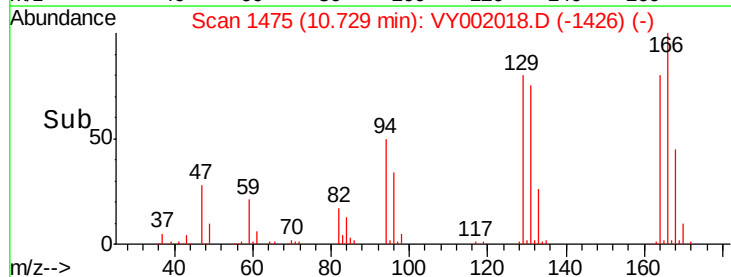
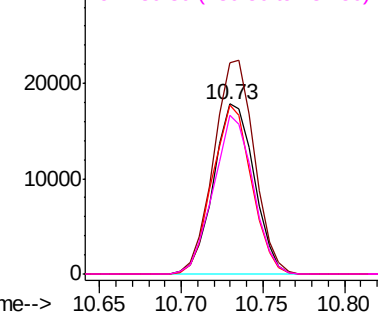


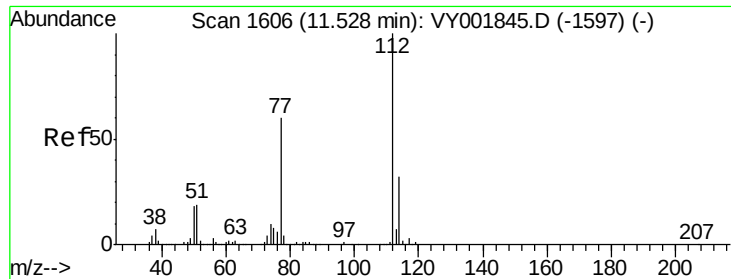
#64
Tetrachloroethene
Concen: 19.359 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion:164 Resp: 30928
Ion Ratio Lower Upper
164 100
166 124.4 102.6 154.0
129 99.4 82.3 123.5
131 93.8 77.4 116.0



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

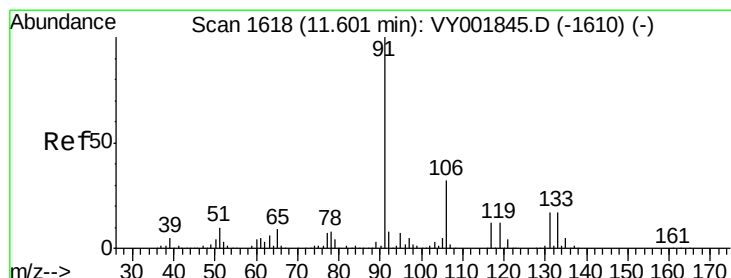
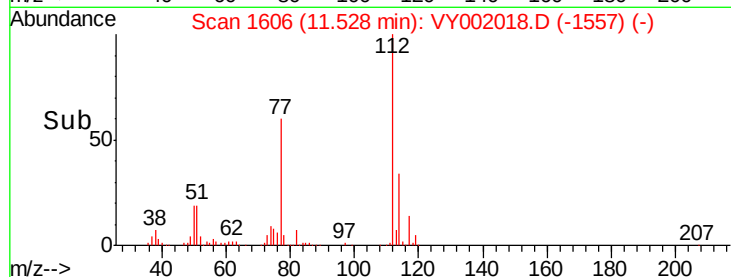
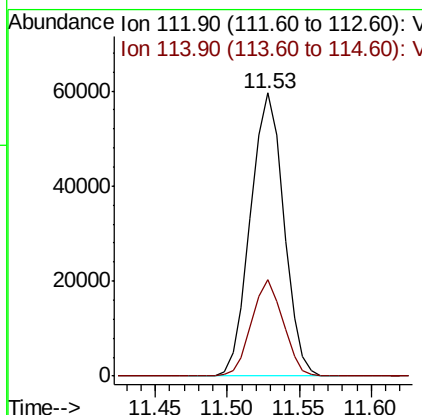
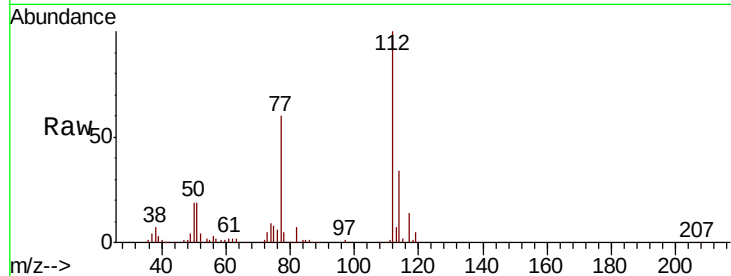




#65
Chlorobenzene
Concen: 18.772 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

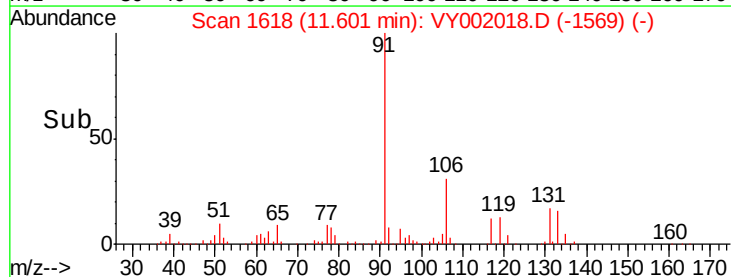
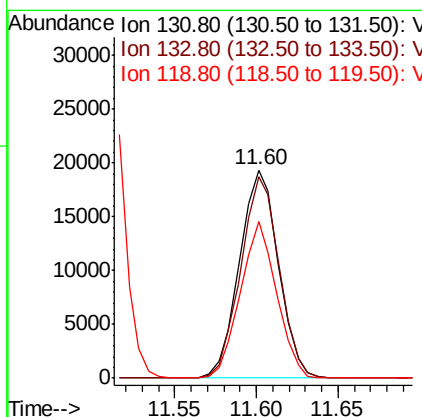
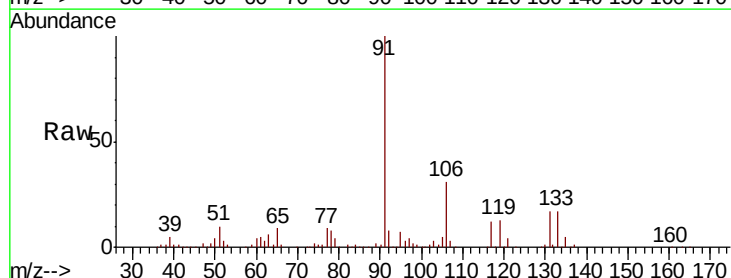
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

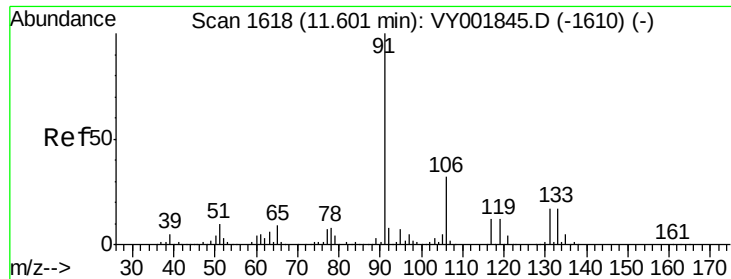
Tot Ion:112 Resp: 95285
Ion Ratio Lower Upper
112 100
114 34.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.286 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion:131 Resp: 32103
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.3
119 70.3 34.5 103.6

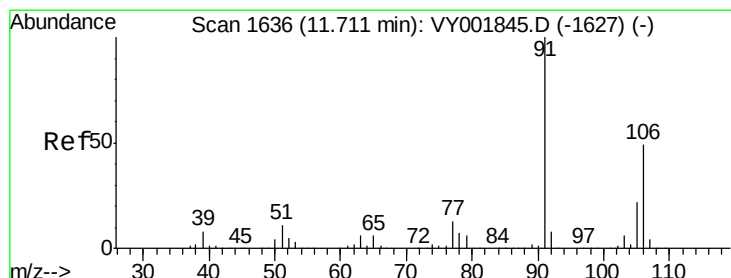
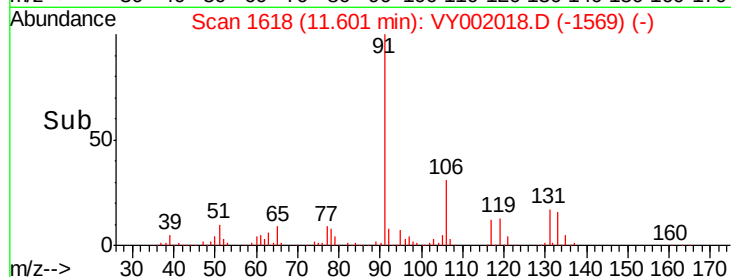
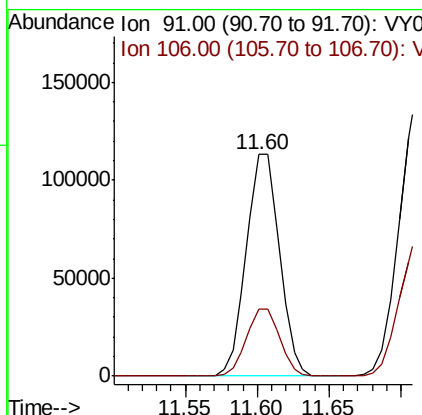
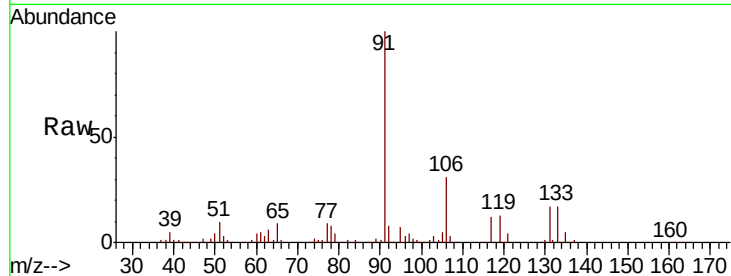




#67
Ethyl Benzene
Concen: 19.137 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

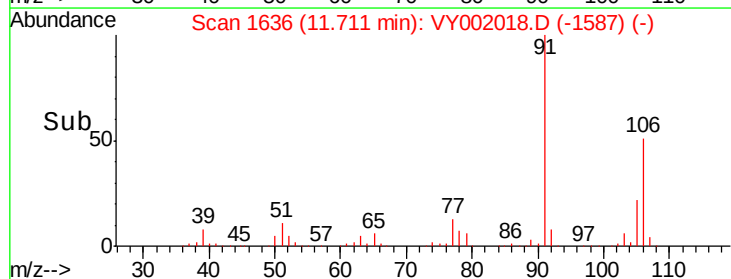
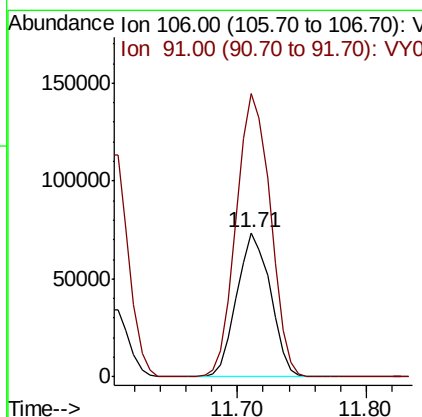
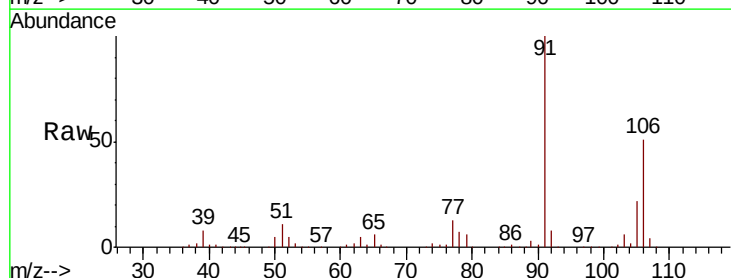
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

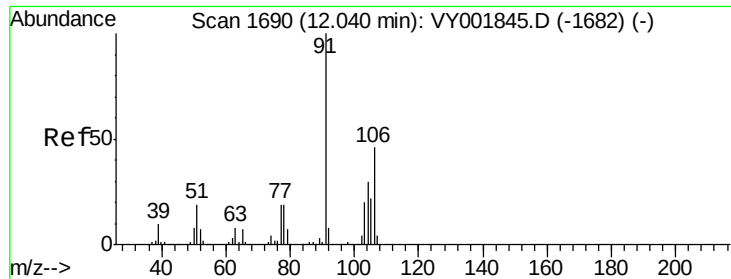
Tot Ion: 91 Resp: 181167
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.2



#68
m/p-Xylenes
Concen: 38.183 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 106 Resp: 133639
Ion Ratio Lower Upper
106 100
91 199.4 161.3 241.9

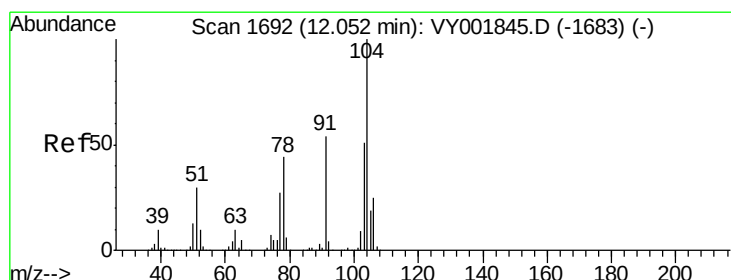
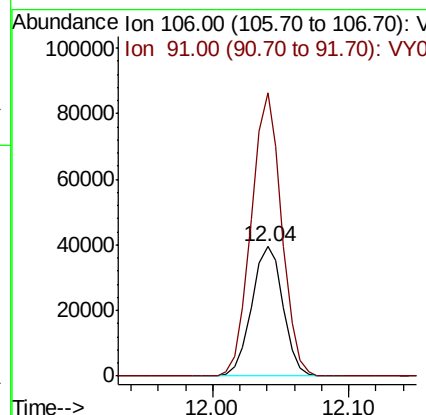
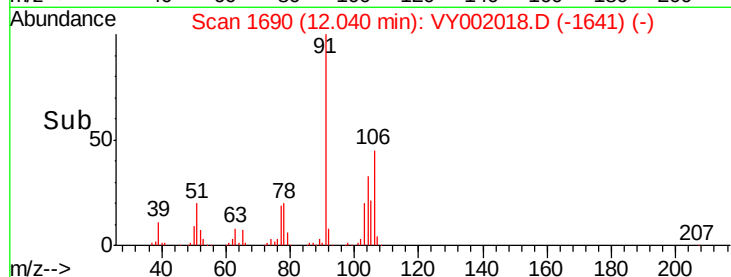
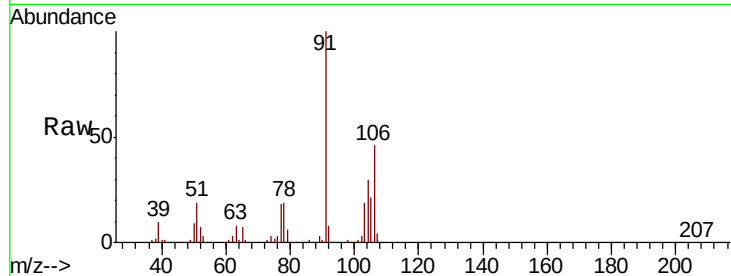




#69
o-Xylene
Concen: 19.345 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

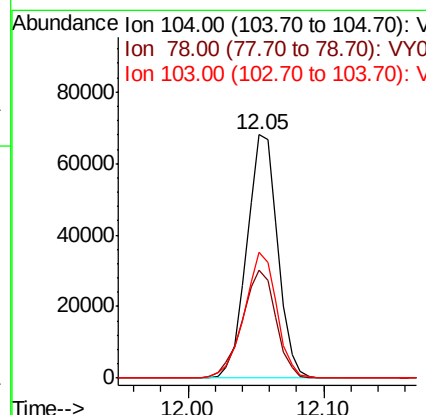
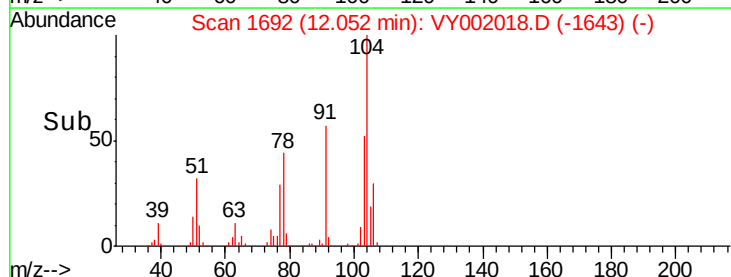
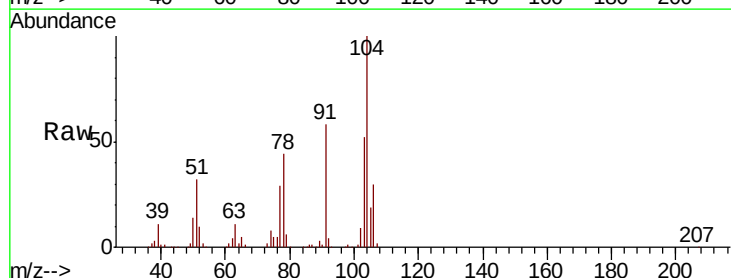
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

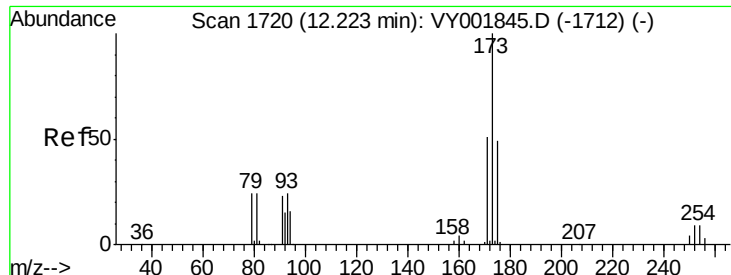
Tot Ion:106 Resp: 63815
Ion Ratio Lower Upper
106 100
91 211.4 106.8 320.4



#70
Styrene
Concen: 19.143 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion:104 Resp: 108158
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 54.1 42.9 64.3





#71

Bromoform

Concen: 18.380 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

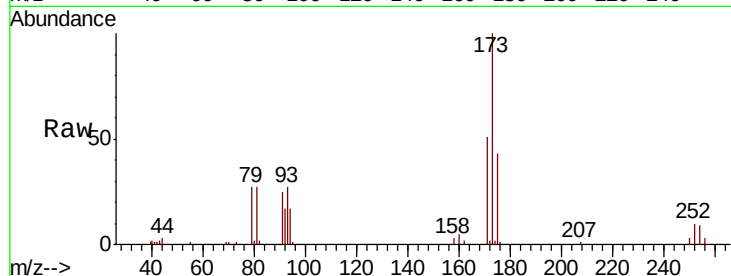
Tot Ion:173 Resp: 16592

Ion Ratio Lower Upper

173 100

175 47.5 24.3 72.8

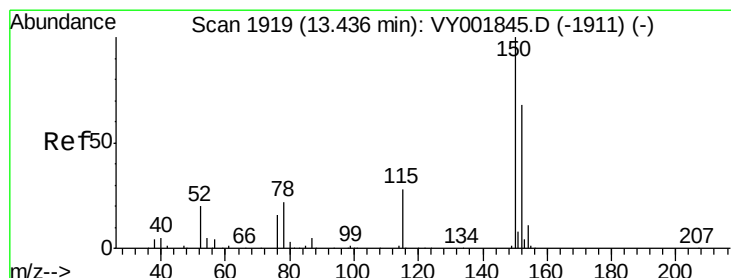
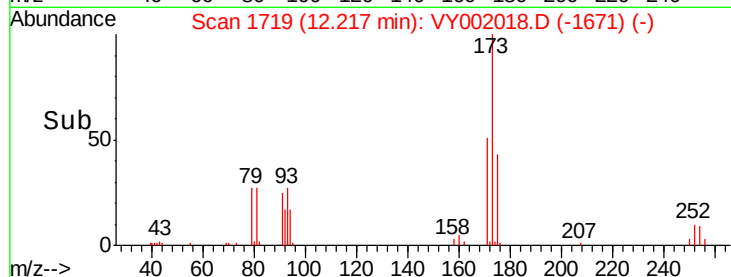
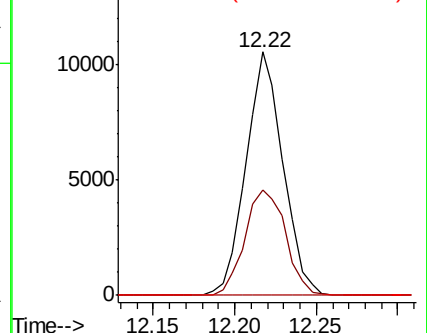
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

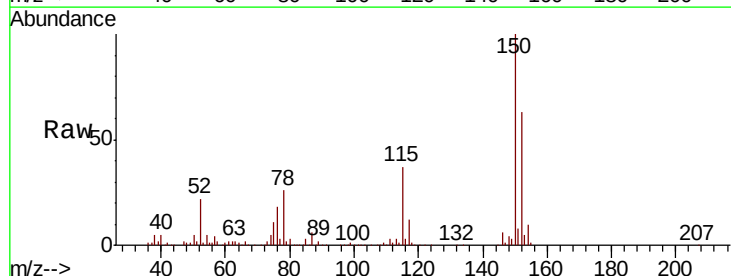
Tgt Ion:152 Resp: 116697

Ion Ratio Lower Upper

152 100

115 60.1 29.9 89.7

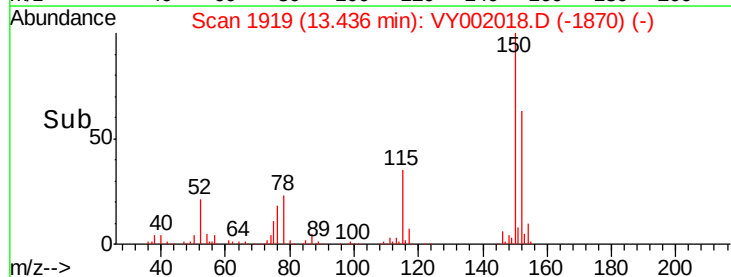
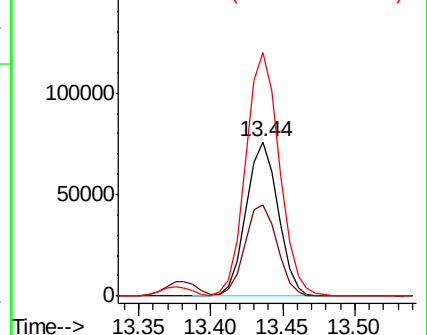
150 165.8 0.0 340.6

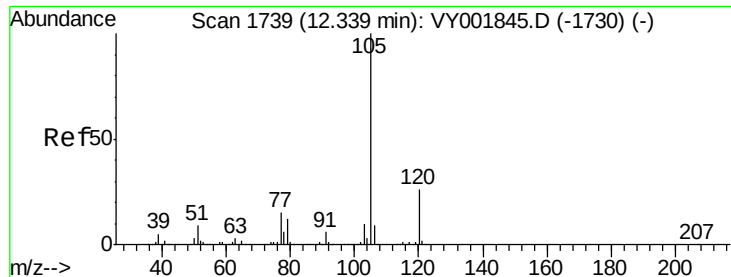


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.005 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

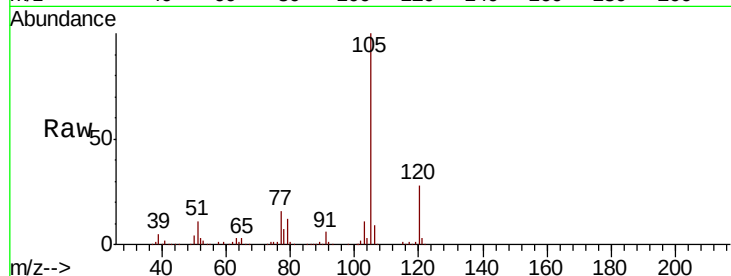
VY0319SBS01

Tot Ion:105 Resp: 169301

Ion Ratio Lower Upper

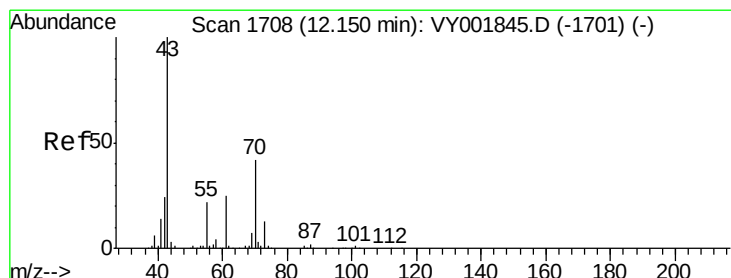
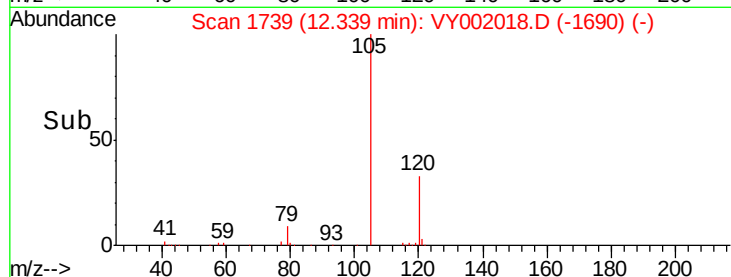
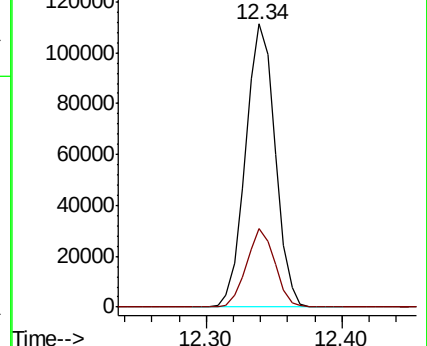
105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.669 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Tgt Ion: 43 Resp: 48376

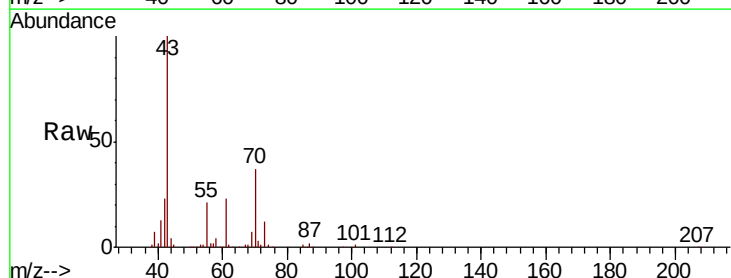
Ion Ratio Lower Upper

43 100

70 42.3 34.7 52.1

55 22.8 18.2 27.4

61 24.1 20.1 30.1

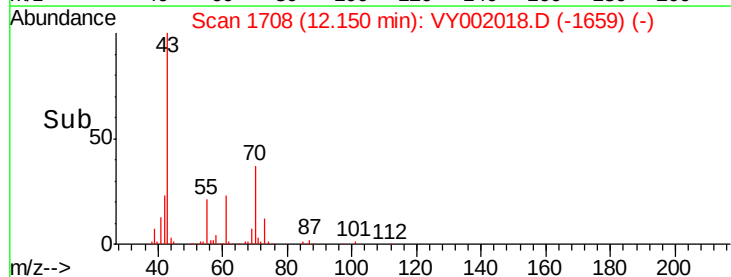
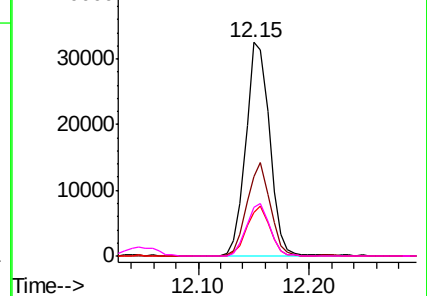


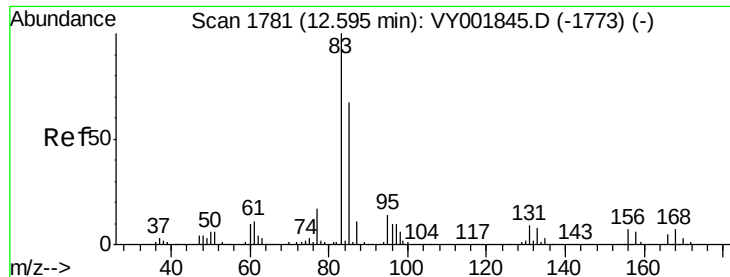
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 17.759 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

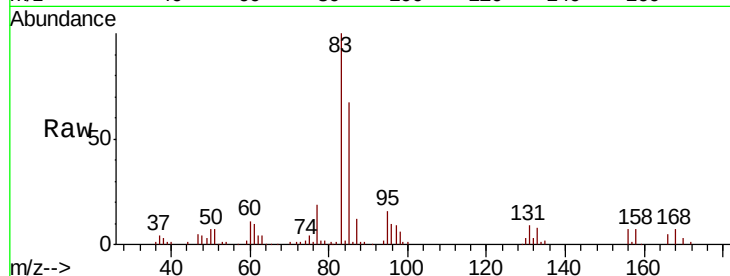
Tot Ion: 83 Resp: 34116

Ion Ratio Lower Upper

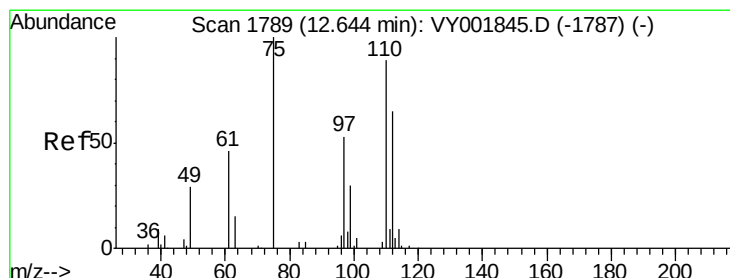
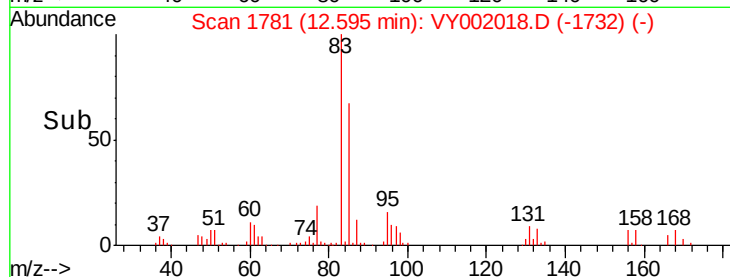
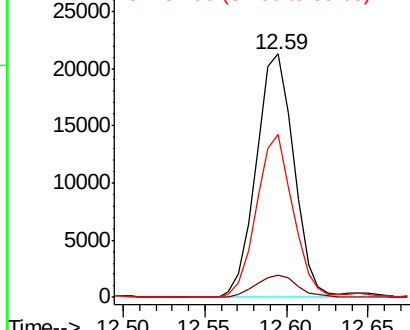
83 100

131 9.9 4.6 13.8

85 64.7 32.1 96.3



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



#76

1,2,3-Trichloropropane

Concen: 32.112 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY002018.D

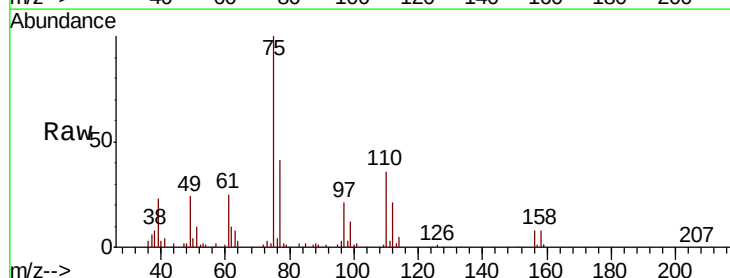
Acq: 19 Mar 2020 13:58

Tgt Ion: 75 Resp: 44465

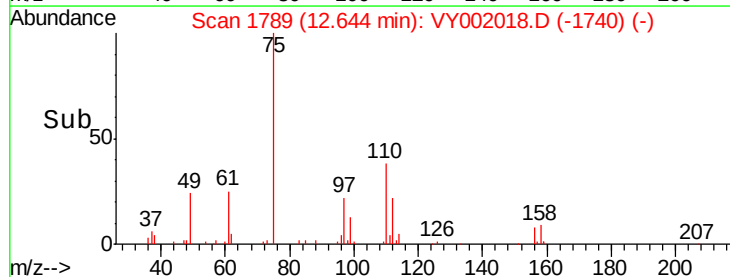
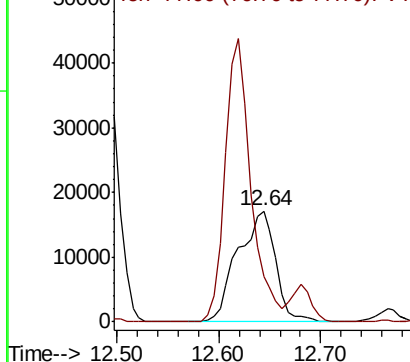
Ion Ratio Lower Upper

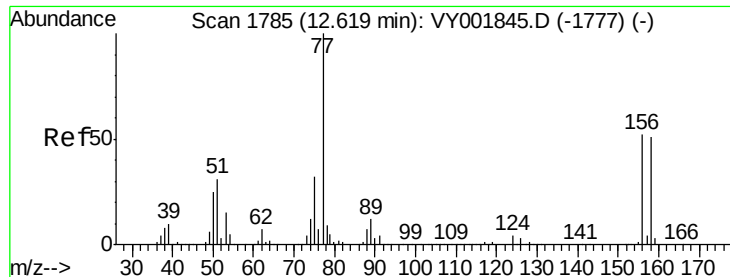
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 19.134 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

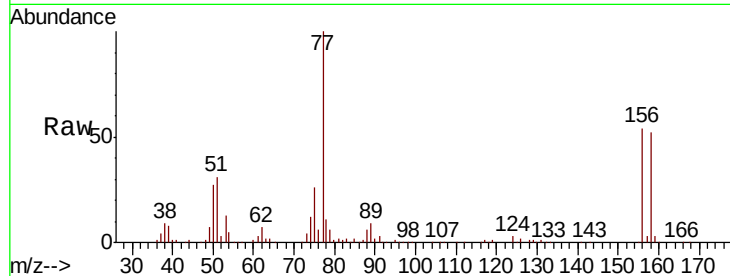
Tot Ion:156 Resp: 36113

Ion Ratio Lower Upper

156 100

77 212.5 109.0 327.0

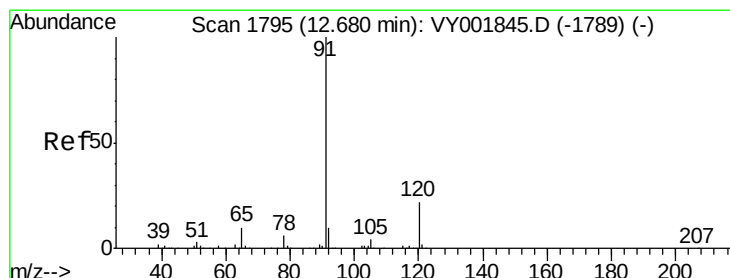
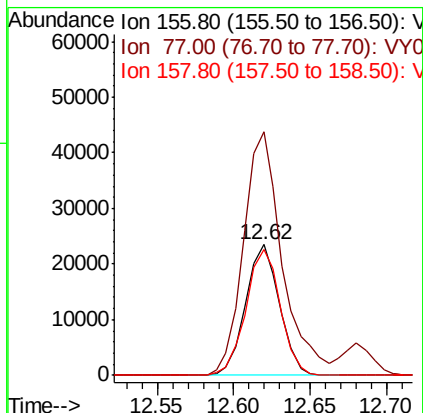
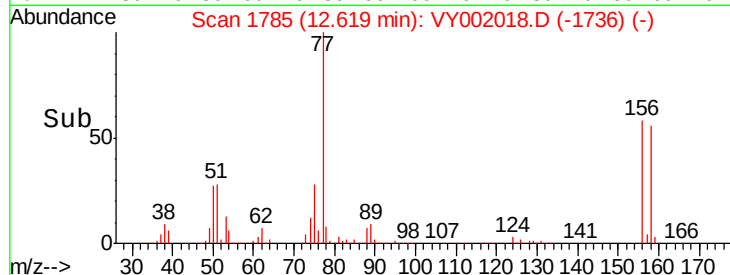
158 97.7 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.052 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002018.D

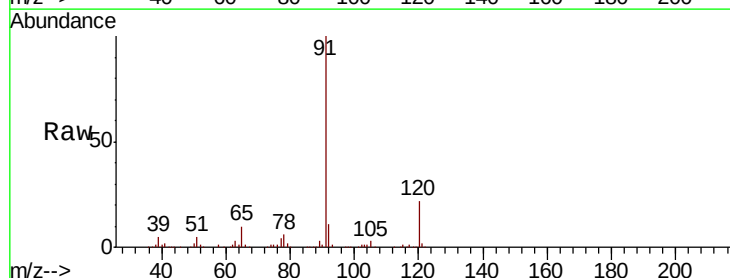
Acq: 19 Mar 2020 13:58

Tgt Ion: 91 Resp: 209386

Ion Ratio Lower Upper

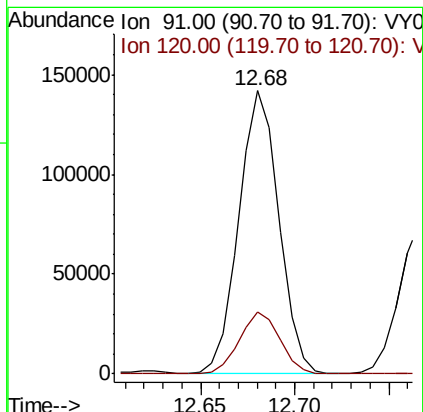
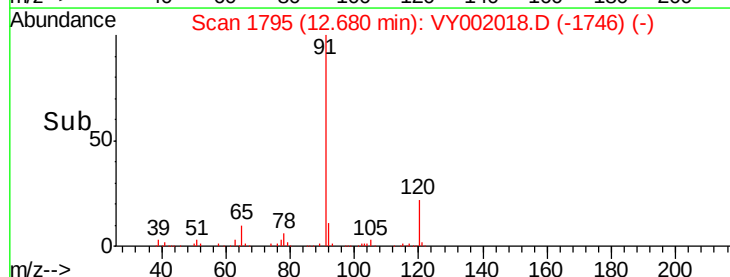
91 100

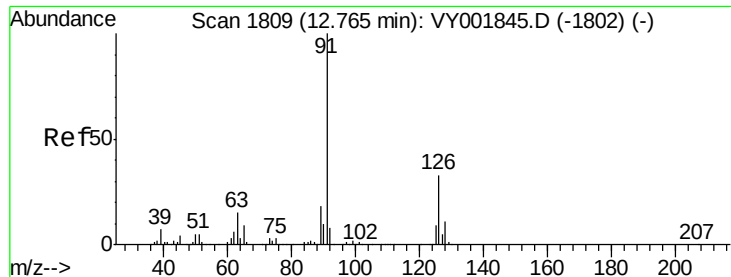
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

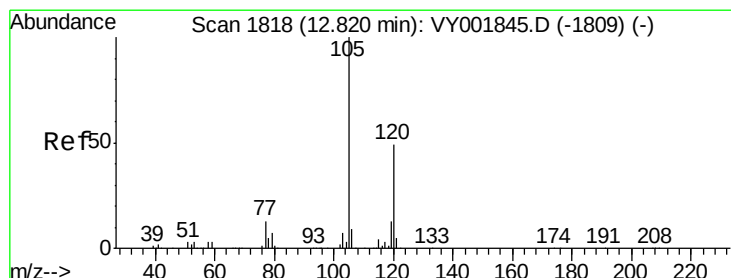
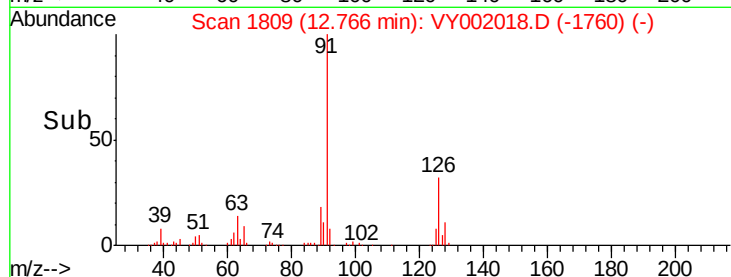
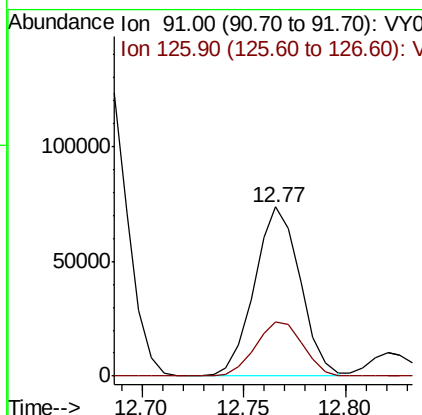
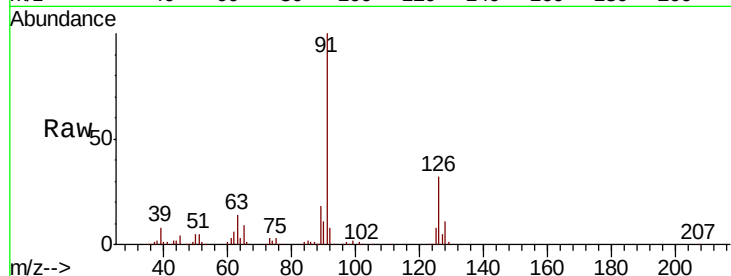




#79
 2-Chlorotoluene
 Concen: 18.999 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

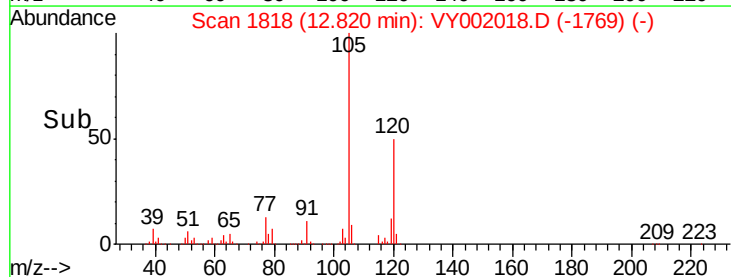
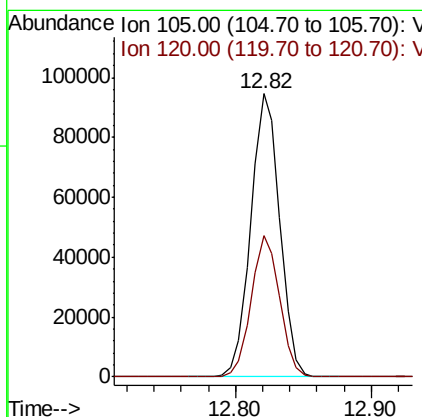
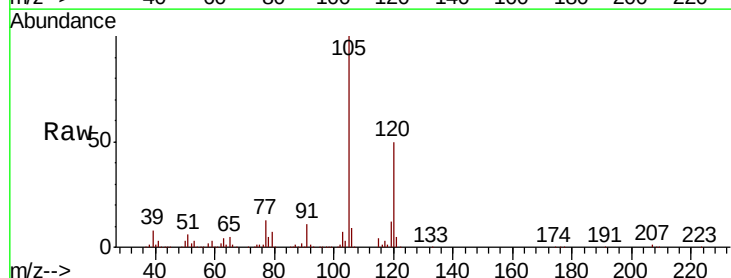
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

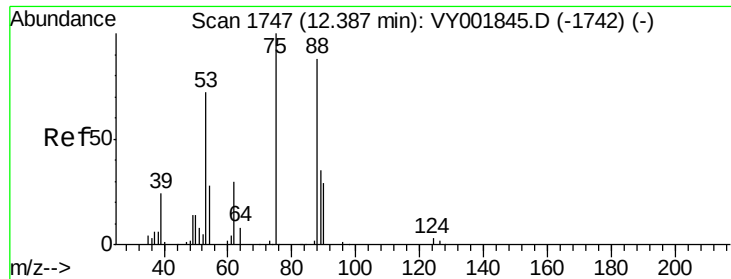
Tot Ion: 91 Resp: 115358
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.294 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion: 105 Resp: 141494
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.2

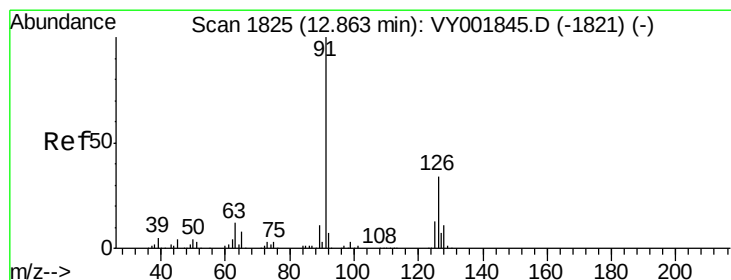
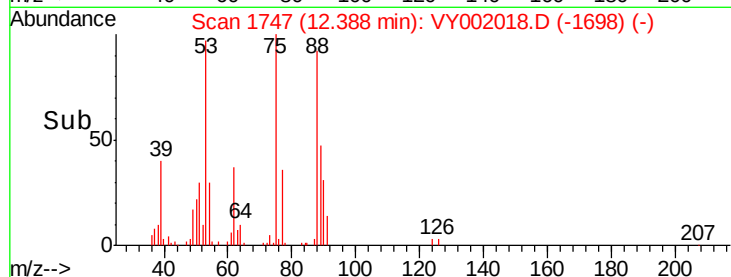
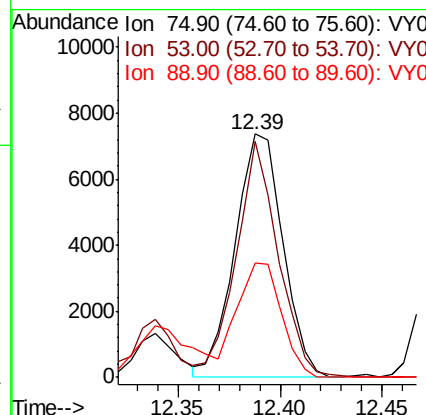
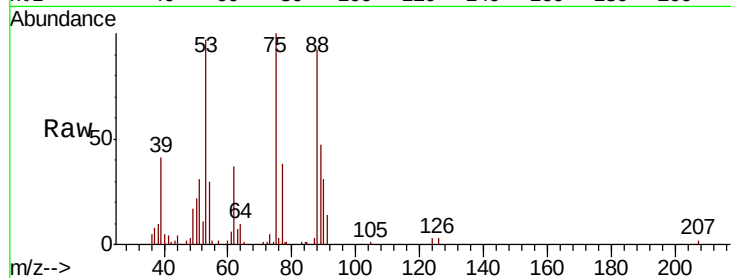




#81
trans-1,4-Dichloro-2-butene
Concen: 17.516 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

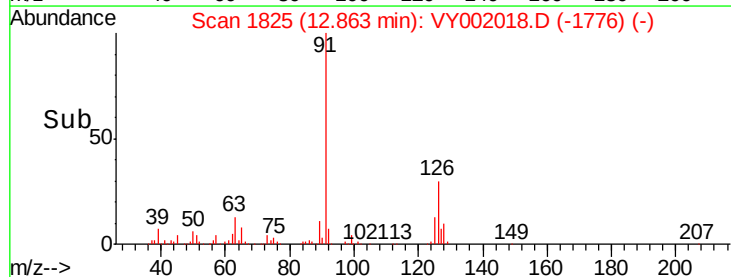
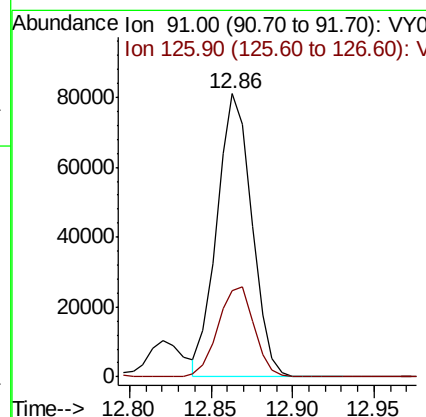
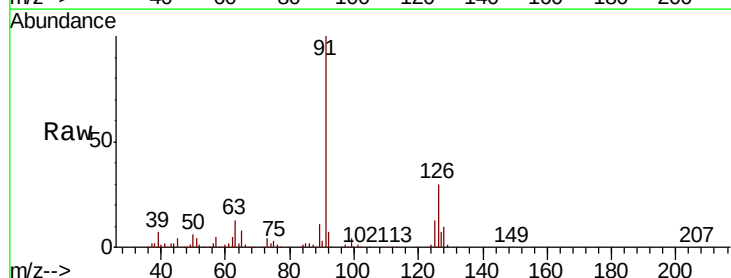
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

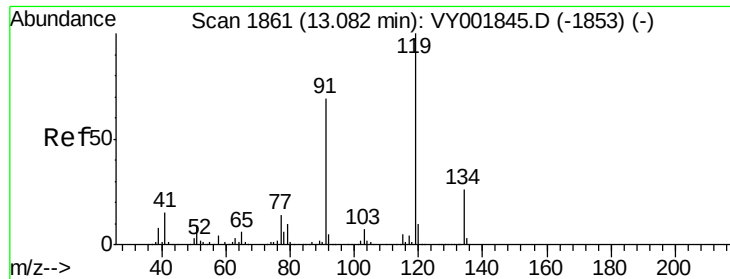
Tot Ion: 75 Resp: 12007
Ion Ratio Lower Upper
75 100
53 85.1 65.4 98.0
89 43.4 36.0 54.0



#82
4-Chlorotoluene
Concen: 19.157 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 91 Resp: 121114
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.2

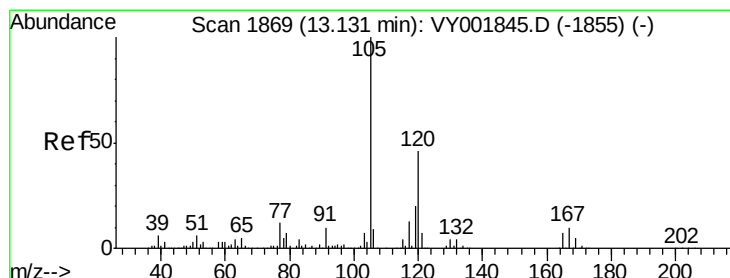
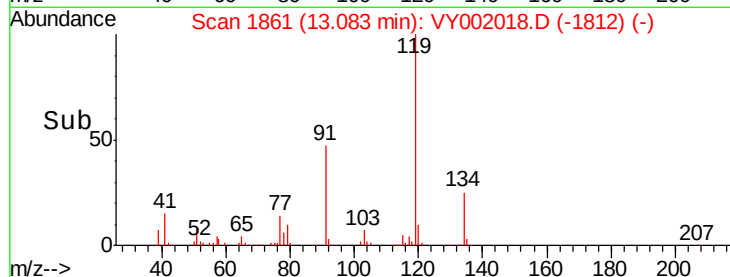
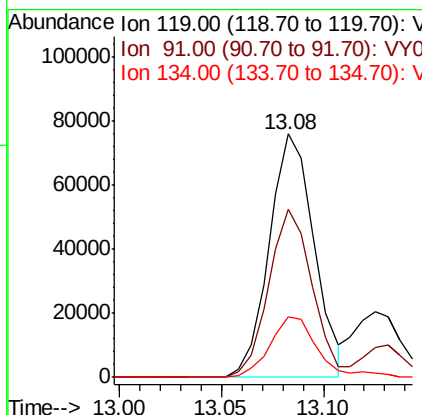
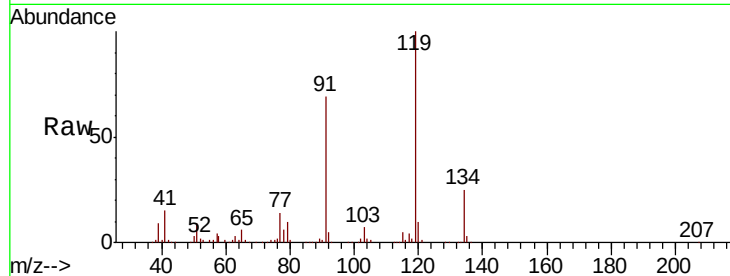




#83
 tert-Butylbenzene
 Concen: 19.175 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

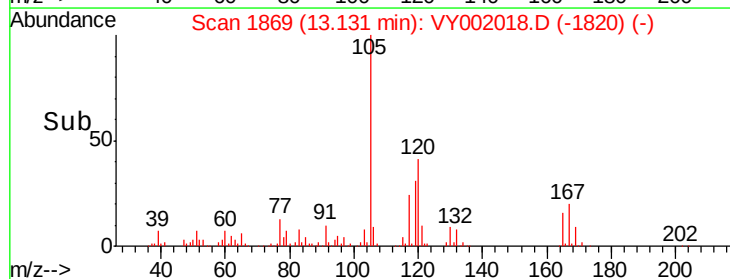
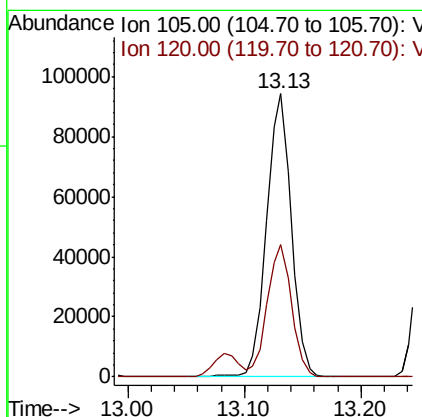
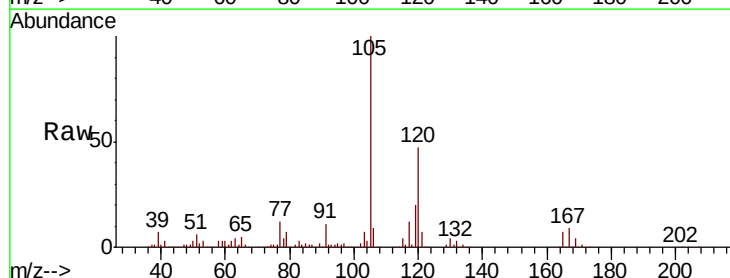
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

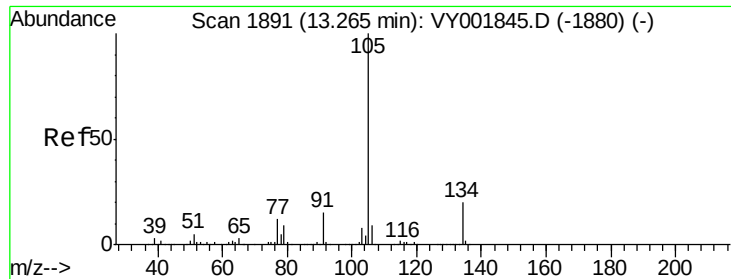
Tot Ion:119 Resp: 116800
 Ion Ratio Lower Upper
 119 100
 91 67.4 34.0 101.8
 134 26.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.159 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion:105 Resp: 139442
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.6 67.7





#85

sec-Butylbenzene

Concen: 19.733 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

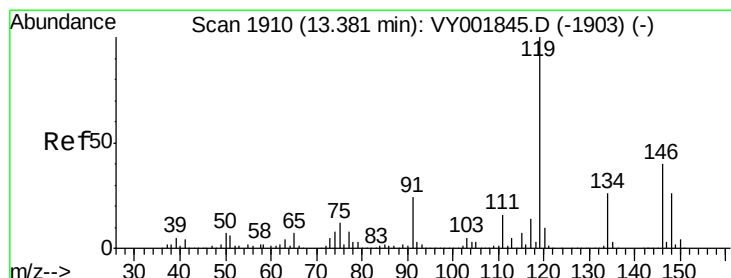
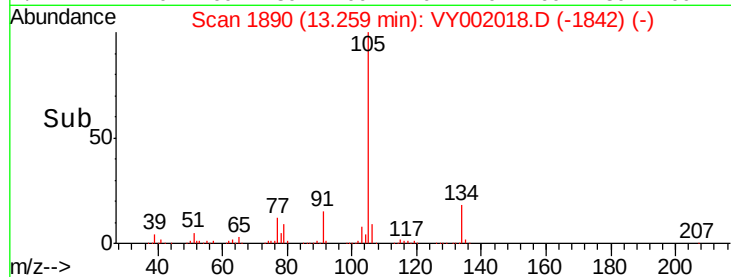
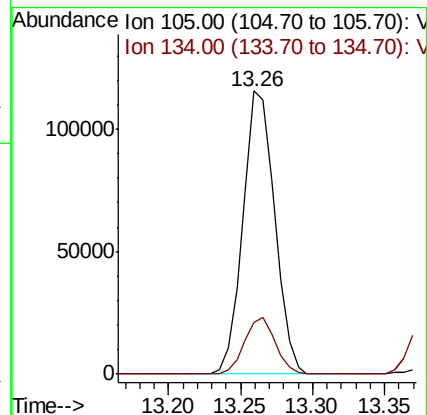
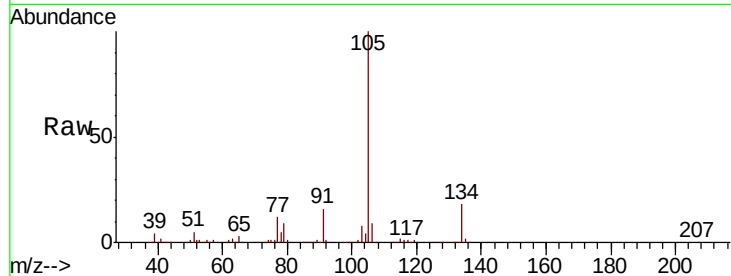
VY0319SBS01

Tot Ion:105 Resp: 177168

Ion Ratio Lower Upper

105 100

134 19.3 9.7 29.1



#86

p-Isopropyltoluene

Concen: 19.387 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

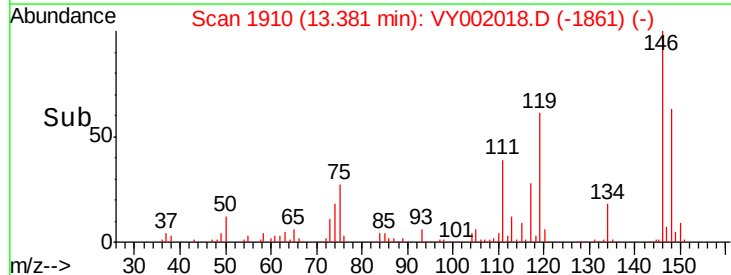
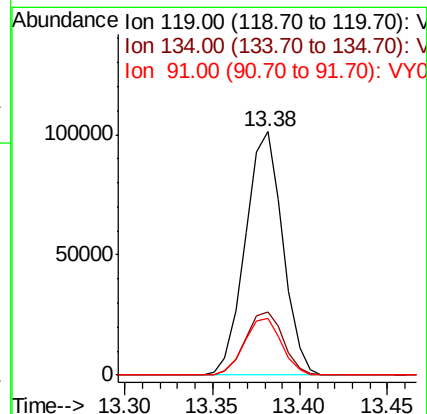
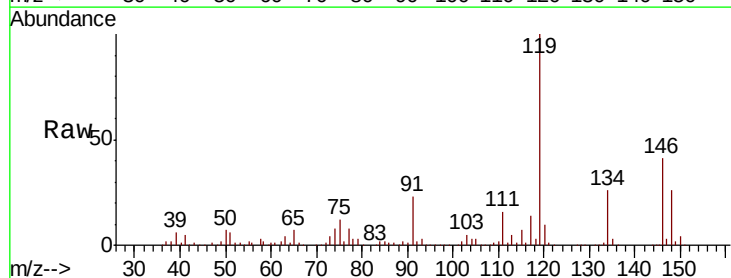
Tgt Ion:119 Resp: 150156

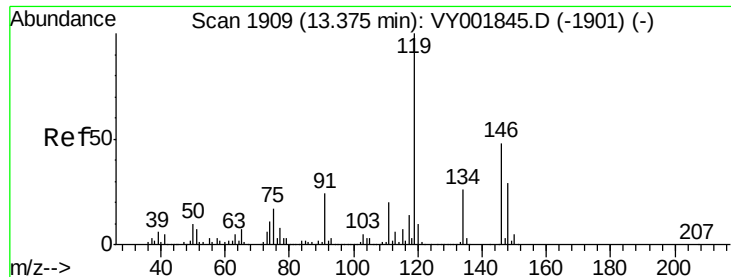
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 23.4 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.620 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002018.D

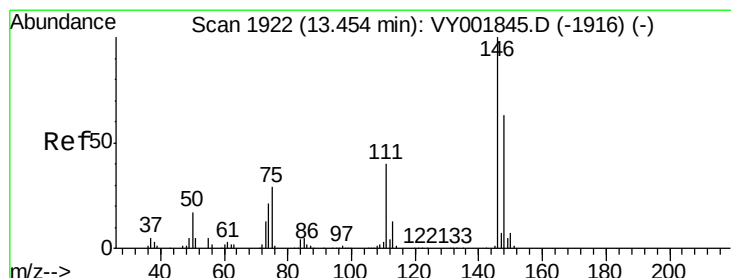
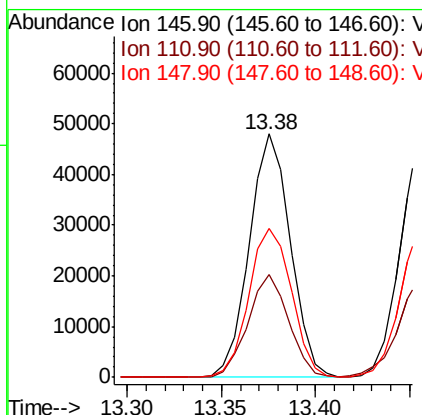
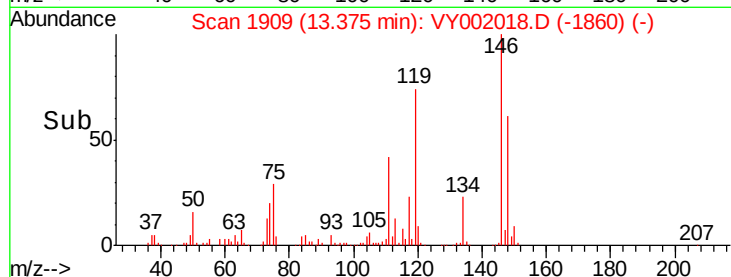
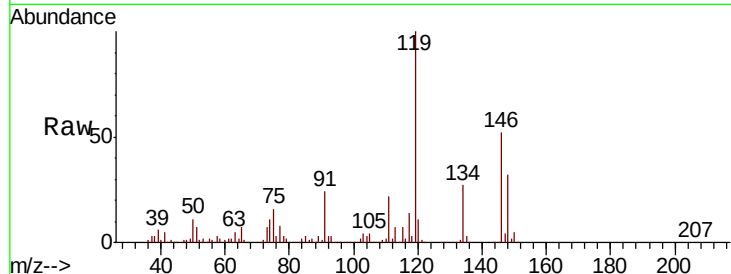
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y

ClientSampleId :
VY0319SBS01

Tot Ion:146 Resp: 72567

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.5
148	63.6	31.4	94.0



#88

1,4-Dichlorobenzene

Concen: 19.018 ug/l

RT: 13.45 min Scan# 1922

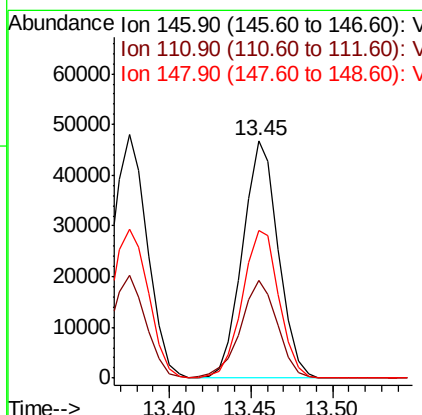
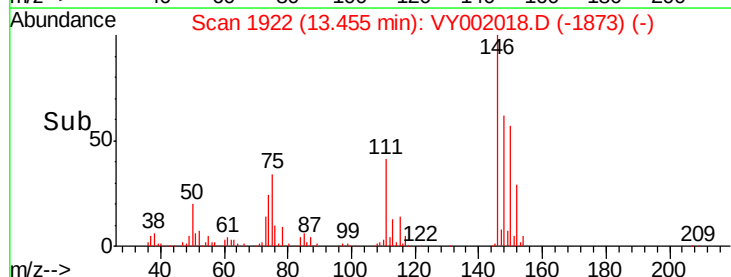
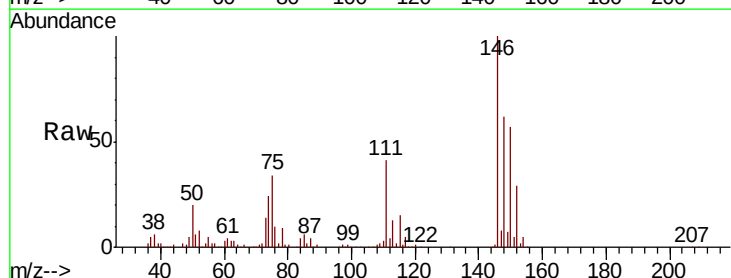
Delta R.T. 0.00 min

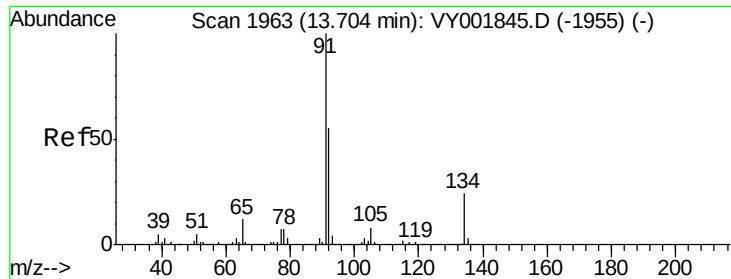
Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Tgt Ion:146 Resp: 71359

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.0	60.0
148	63.6	31.5	94.5

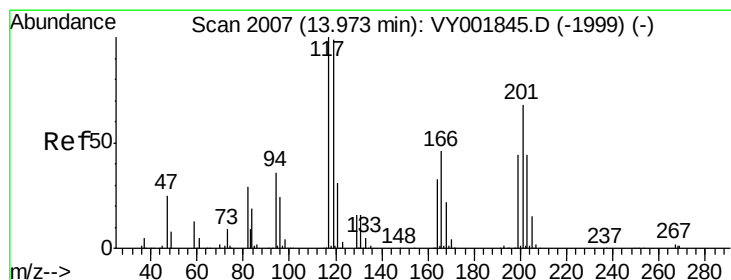
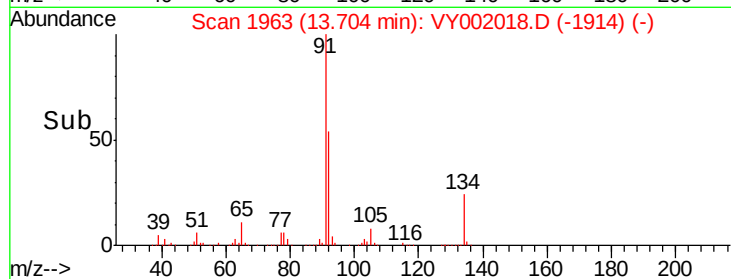
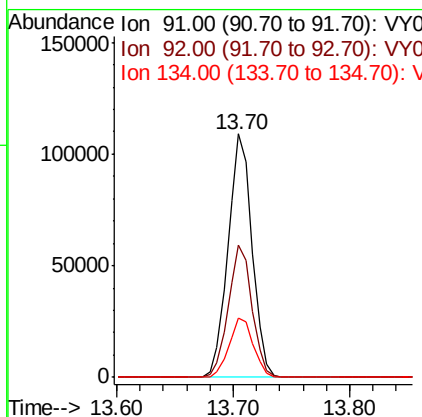
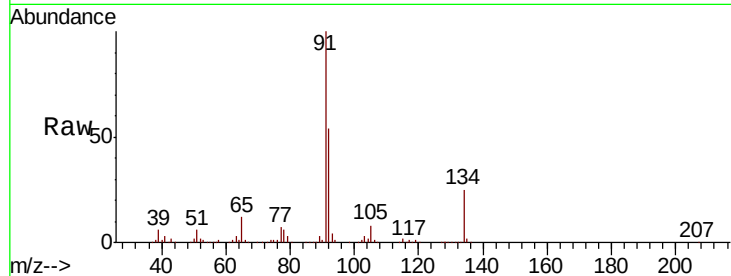




#89
n-Butylbenzene
Concen: 19.408 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

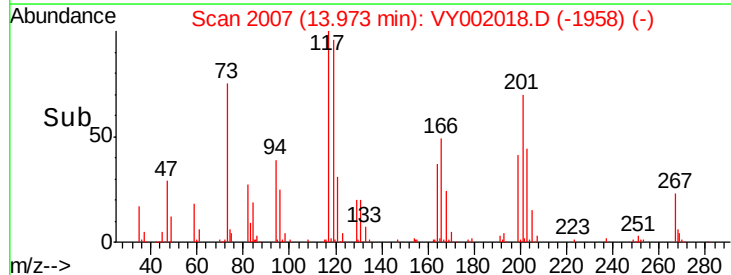
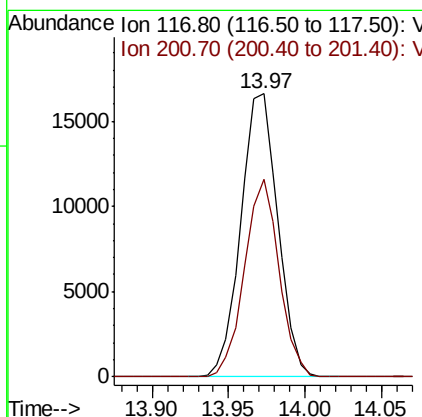
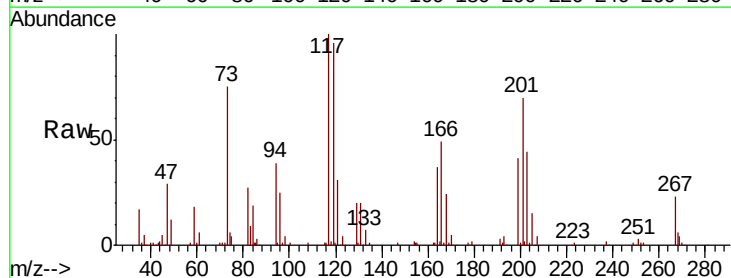
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

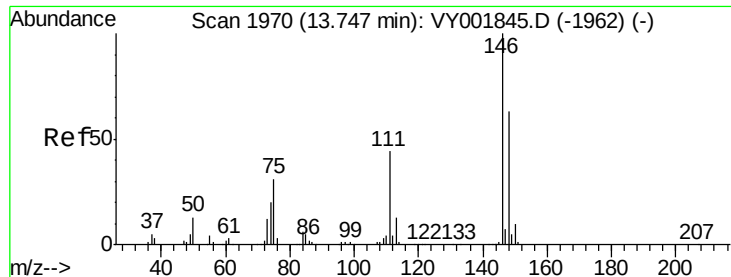
Tot Ion: 91 Resp: 155949
Ion Ratio Lower Upper
91 100
92 53.7 27.5 82.4
134 24.6 12.5 37.5



#90
Hexachloroethane
Concen: 19.096 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 117 Resp: 27901
Ion Ratio Lower Upper
117 100
201 65.2 32.5 97.5

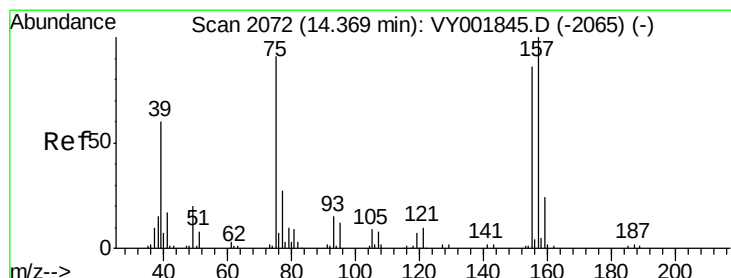
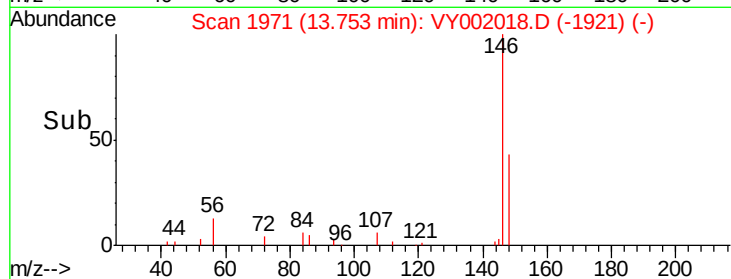
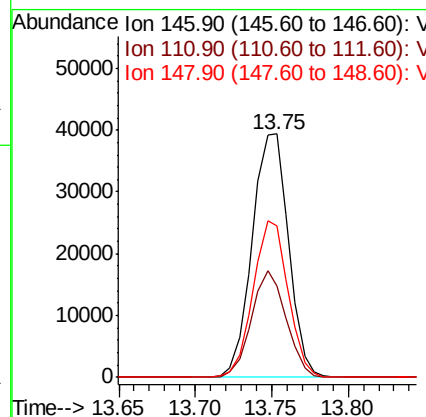
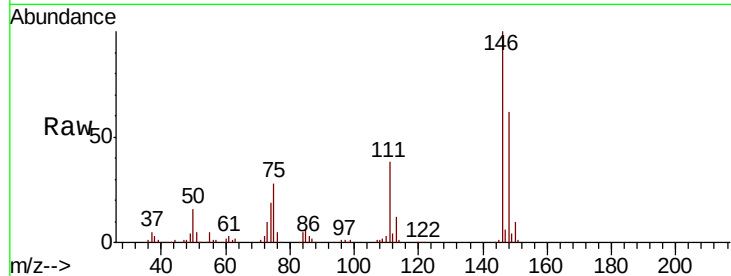




#91
 1,2-Dichlorobenzene
 Concen: 19.401 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

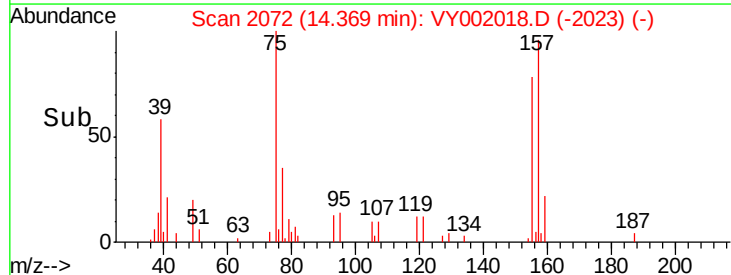
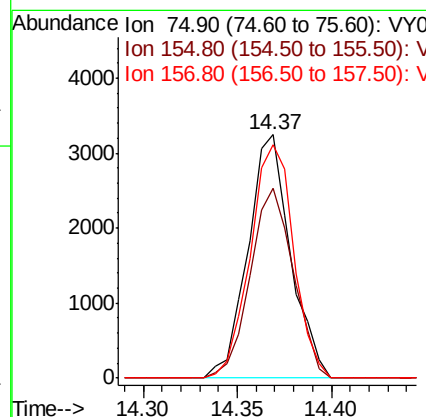
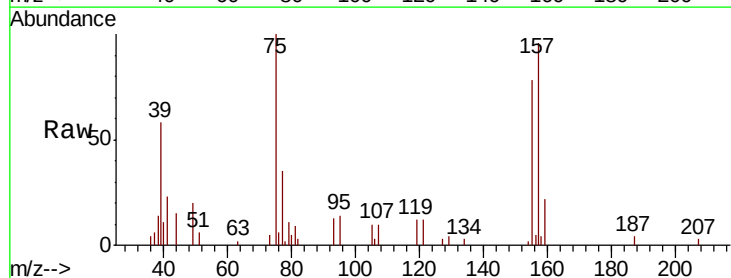
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

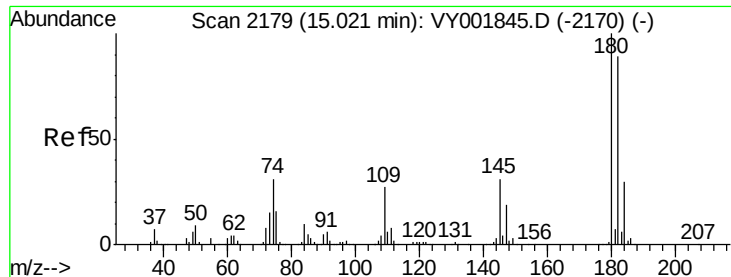
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.5	64.5
148	62.0	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.946 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	42.9	128.7
157	97.8	53.1	159.4

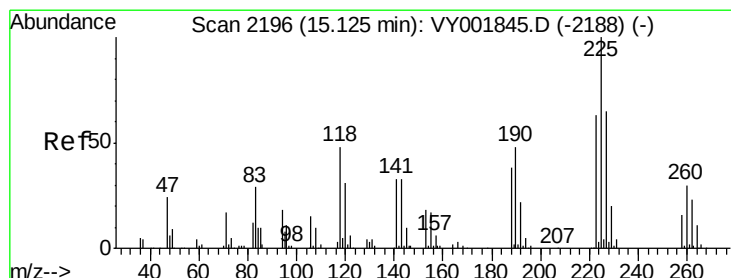
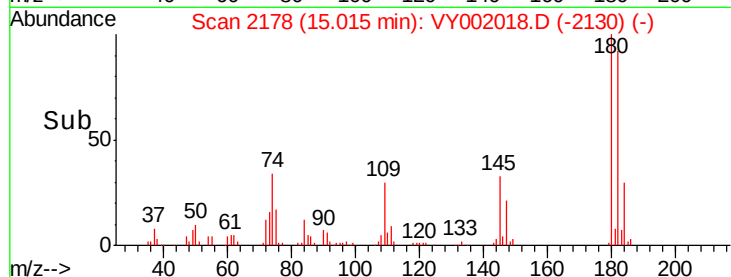
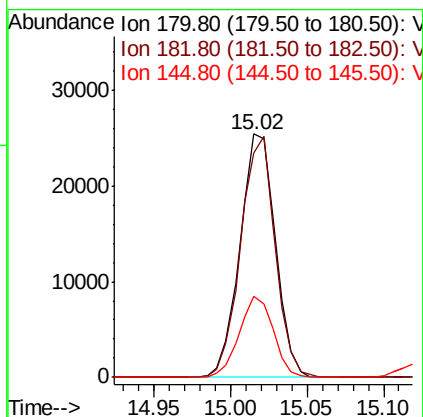
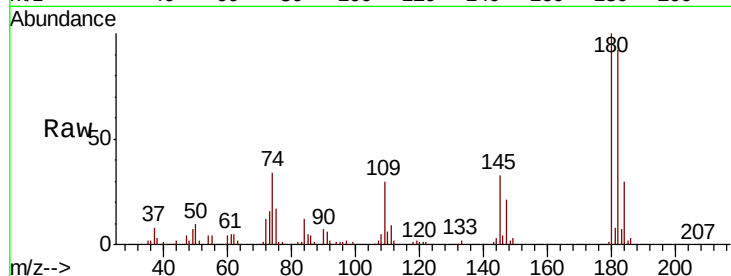




#93
1,2,4-Trichlorobenzene
Concen: 18.766 ug/l
RT: 15.02 min Scan# 2179
Delta R.T. -0.01 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

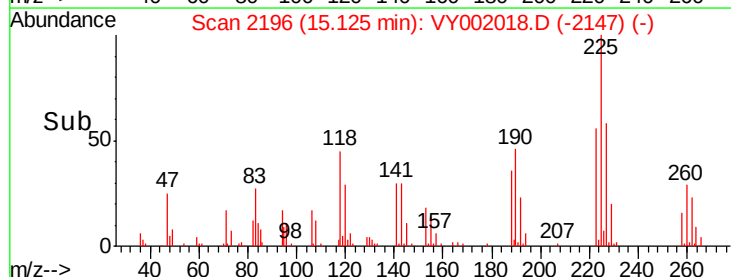
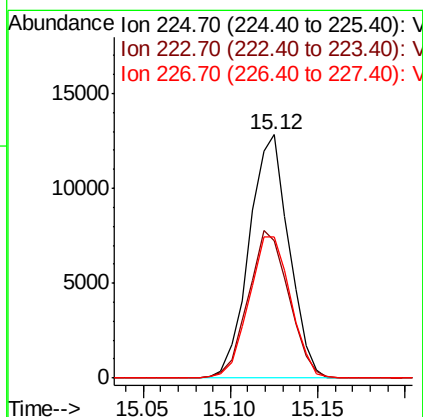
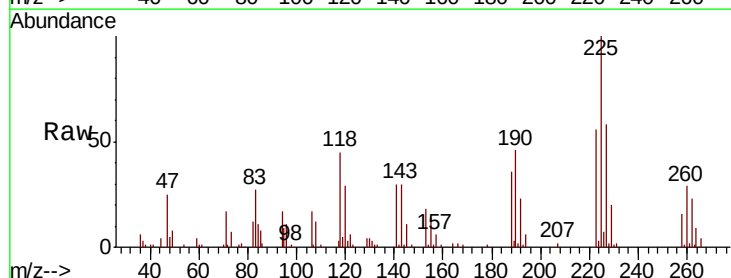
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

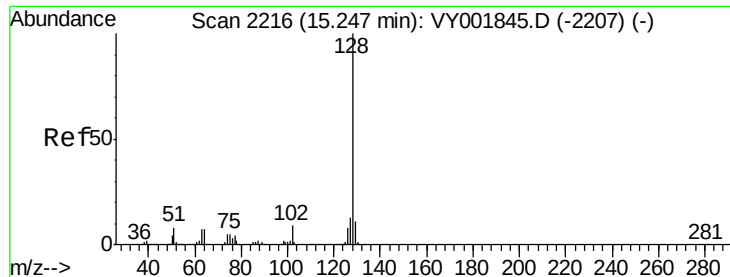
Tot Ion:180 Resp: 40893
Ion Ratio Lower Upper
180 100
182 95.8 46.1 138.3
145 32.0 15.6 46.8



#94
Hexachlorobutadiene
Concen: 19.013 ug/l
RT: 15.12 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion:225 Resp: 20199
Ion Ratio Lower Upper
225 100
223 62.1 31.5 94.5
227 61.3 31.9 95.5





#95

Naphthalene

Concen: 16.815 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

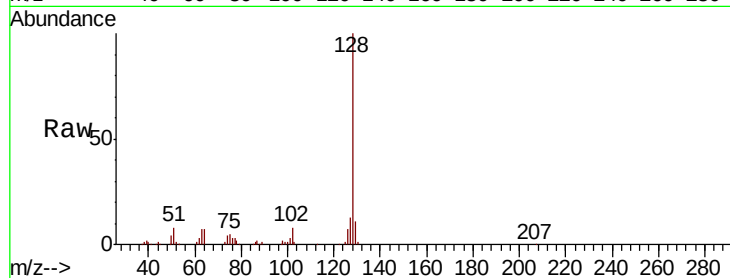
Tot Ion:128 Resp: 86913

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

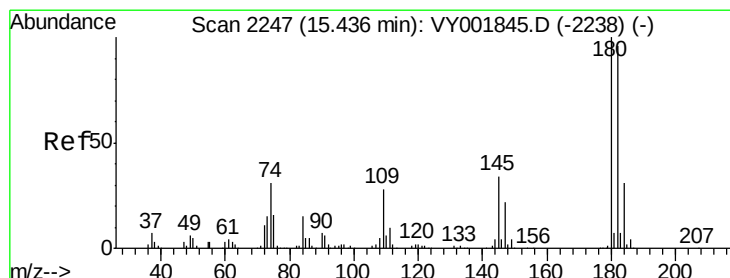
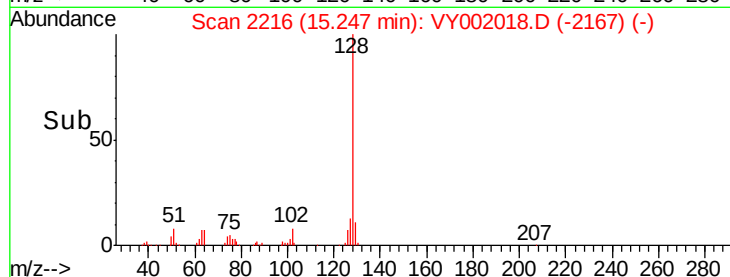
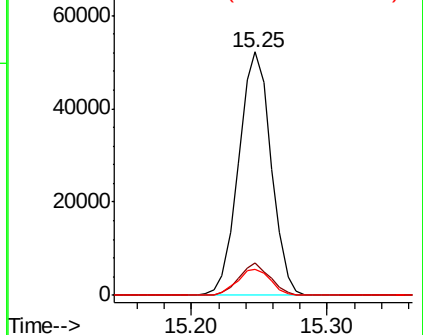
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.363 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

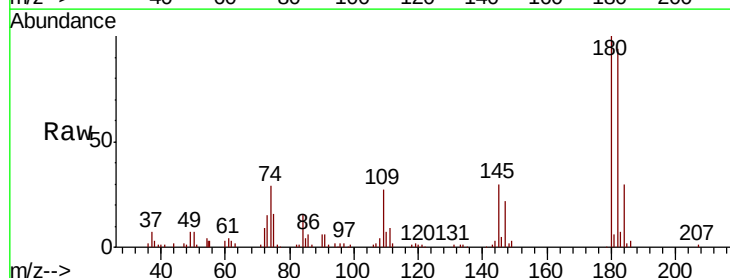
Tgt Ion:180 Resp: 35249

Ion Ratio Lower Upper

180 100

182 94.4 47.6 142.9

145 33.6 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

