

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001666.D
 Acq On : 18 Feb 2020 12:07
 Operator : SY/MD
 Sample : VY0218SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBS01

Quant Time: Feb 19 06:44:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	181054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	319508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	286186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	133464	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	99460	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
35) Dibromofluoromethane	7.74	113	91781	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	10.19	98	388039	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
62) 4-Bromofluorobenzene	12.49	95	135612	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	33571	19.022	ug/l	98
3) Chloromethane	2.12	50	48277	20.337	ug/l	96
4) Vinyl Chloride	2.26	62	49422	20.642	ug/l	97
5) Bromomethane	2.65	94	32835	21.943	ug/l	97
6) Chloroethane	2.80	64	31524	21.366	ug/l	96
7) Trichlorofluoromethane	3.13	101	64532	21.059	ug/l	95
8) Diethyl Ether	3.55	74	24811	20.538	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	40586	21.072	ug/l	97
10) Methyl Iodide	4.10	142	47226	20.034	ug/l	99
11) Tert butyl alcohol	4.97	59	34959	144.236	ug/l #	93
12) 1,1-Dichloroethene	3.89	96	40823	20.781	ug/l	97
13) Acrolein	3.74	56	20050	101.938	ug/l	95
14) Allyl chloride	4.50	41	73088	20.905	ug/l	98
15) Acrylonitrile	5.19	53	66058	106.681	ug/l	99
16) Acetone	3.97	43	59965	88.988	ug/l	99
17) Carbon Disulfide	4.21	76	133628	20.375	ug/l	100
18) Methyl Acetate	4.50	43	30336	20.672	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	113150	20.688	ug/l	100
20) Methylene Chloride	4.74	84	50507	21.101	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	47452	21.171	ug/l	98
22) Diisopropyl ether	6.14	45	150656	20.983	ug/l	96
23) Vinyl Acetate	6.09	43	488023	104.204	ug/l	99
24) 1,1-Dichloroethane	6.05	63	81668	21.282	ug/l	98
25) 2-Butanone	7.02	43	90315	98.661	ug/l	97
26) 2,2-Dichloropropane	7.00	77	71055	21.282	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	50606	20.455	ug/l	97
28) Bromochloromethane	7.36	49	31526	19.722	ug/l	100
29) Tetrahydrofuran	7.38	42	58836	106.338	ug/l	96
30) Chloroform	7.53	83	77138	20.572	ug/l	99
31) Cyclohexane	7.81	56	83550	20.420	ug/l	91
32) 1,1,1-Trichloroethane	7.72	97	65222	20.696	ug/l	99
36) 1,1-Dichloropropene	7.94	75	64128	21.012	ug/l	98
37) Ethyl Acetate	7.10	43	39023	21.423	ug/l	99
38) Carbon Tetrachloride	7.93	117	56064	20.914	ug/l	99

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 Sample : VY0218SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Feb 19 06:44:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	86700	21.413	ug/l	98
40) Benzene	8.18	78	191988	21.389	ug/l	100
41) Methacrylonitrile	7.36	41	51359	56.154	ug/l #	98
42) 1,2-Dichloroethane	8.26	62	50979	20.848	ug/l	99
43) Isopropyl Acetate	8.30	43	72221	20.896	ug/l	98
44) Trichloroethene	8.96	130	47668	21.274	ug/l	96
45) 1,2-Dichloropropane	9.23	63	48582	21.612	ug/l	99
46) Dibromomethane	9.32	93	24572	20.899	ug/l	97
47) Bromodichloromethane	9.51	83	59027	20.802	ug/l	98
48) Methyl methacrylate	9.31	41	32247	20.631	ug/l	97
49) 1,4-Dioxane	9.32	88	6894	415.147	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	187627	105.662	ug/l	98
52) Toluene	10.26	92	120285	21.484	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	65984	21.034	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	76182	21.100	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	36532	21.072	ug/l	97
56) Ethyl methacrylate	10.52	69	53389	20.528	ug/l	95
57) 1,3-Dichloropropane	10.80	76	65069	21.123	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	134699	128.415	ug/l	99
59) 2-Hexanone	10.85	43	134059	100.618	ug/l	99
60) Dibromochloromethane	11.00	129	39998	20.926	ug/l	99
61) 1,2-Dibromoethane	11.10	107	34143	20.829	ug/l	97
64) Tetrachloroethene	10.73	164	38823	21.610	ug/l	98
65) Chlorobenzene	11.53	112	122009	21.354	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	41781	21.677	ug/l	98
67) Ethyl Benzene	11.60	91	227406	21.447	ug/l	99
68) m/p-Xylenes	11.71	106	170923	43.154	ug/l	97
69) o-Xylene	12.04	106	80212	21.302	ug/l	98
70) Styrene	12.05	104	140225	21.428	ug/l	99
71) Bromoform	12.22	173	22701	20.610	ug/l #	98
73) Isopropylbenzene	12.34	105	217349	21.377	ug/l	100
74) N-amyl acetate	12.15	43	67295	20.739	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.59	83	44388	20.446	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	58843	38.434	ug/l #	100
77) Bromobenzene	12.62	156	47522	21.560	ug/l	94
78) n-propylbenzene	12.68	91	266687	21.536	ug/l	100
79) 2-Chlorotoluene	12.77	91	146576	21.104	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	179942	21.380	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	16051	19.890	ug/l	96
82) 4-Chlorotoluene	12.86	91	153616	20.971	ug/l	98
83) tert-Butylbenzene	13.08	119	149710	21.268	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	181967	21.686	ug/l	98
85) sec-Butylbenzene	13.27	105	223909	21.628	ug/l	100
86) p-Isopropyltoluene	13.38	119	195705	21.760	ug/l	98
87) 1,3-Dichlorobenzene	13.38	146	92040	21.531	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	92874	21.494	ug/l	99
89) n-Butylbenzene	13.70	91	197588	21.500	ug/l	99
90) Hexachloroethane	13.97	117	35853	21.158	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	83976	21.287	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	7635	21.310	ug/l	92

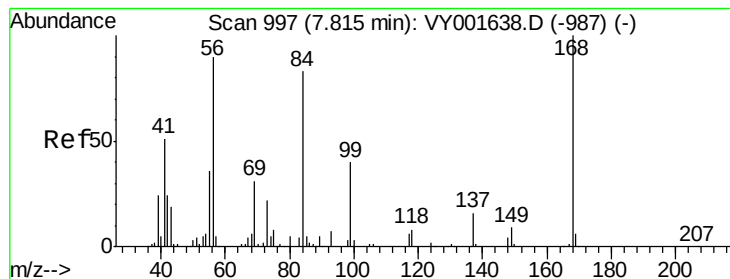
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
Data File : VY001666.D
Acq On : 18 Feb 2020 12:07
Operator : SY/MD
Sample : VY0218SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	54992	21.036	ug/l	100
94) Hexachlorobutadiene	15.12	225	26971	20.745	ug/l	98
95) Naphthalene	15.25	128	121033	20.080	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	47269	20.553	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

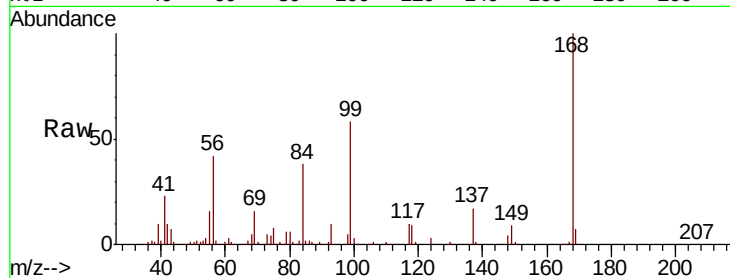
VY0218SBS01

Tot Ion:168 Resp: 181054

Ion Ratio Lower Upper

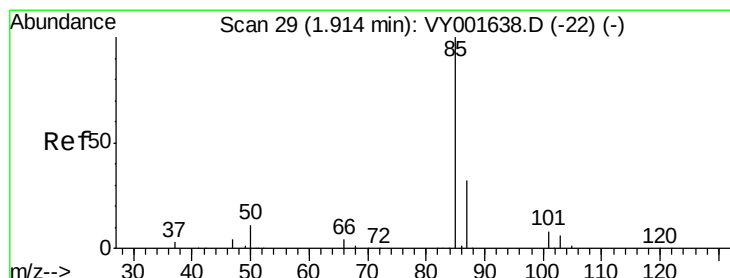
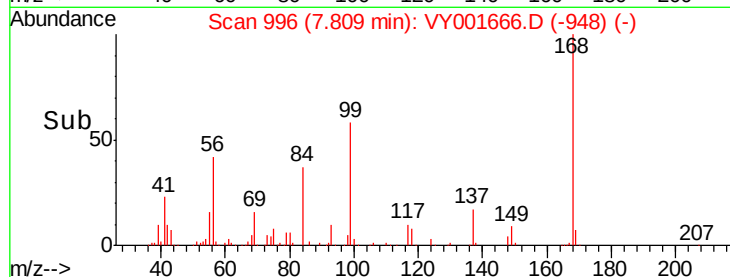
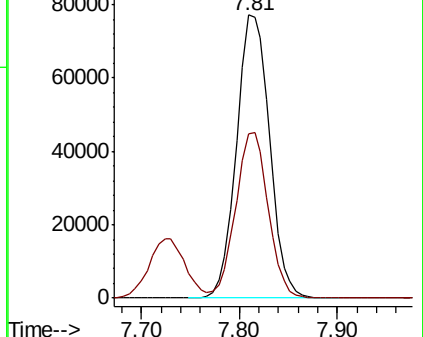
168 100

99 58.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 19.022 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001666.D

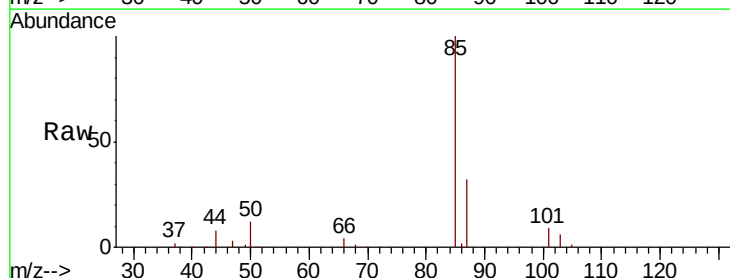
Acq: 18 Feb 2020 12:07

Tgt Ion: 85 Resp: 33571

Ion Ratio Lower Upper

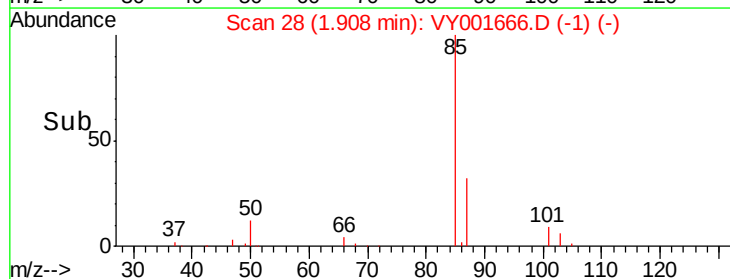
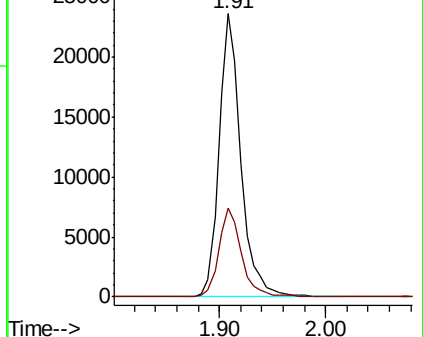
85 100

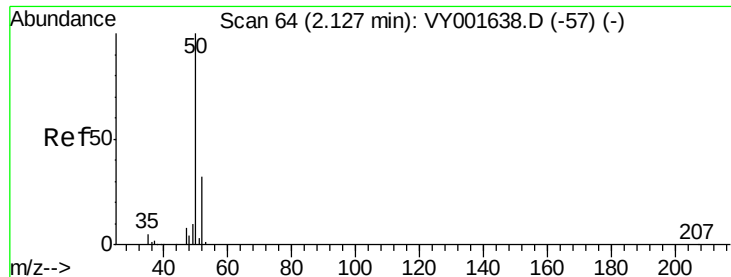
87 31.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001638.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001638.D (-22) (-)





#3

Chloromethane

Concen: 20.337 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

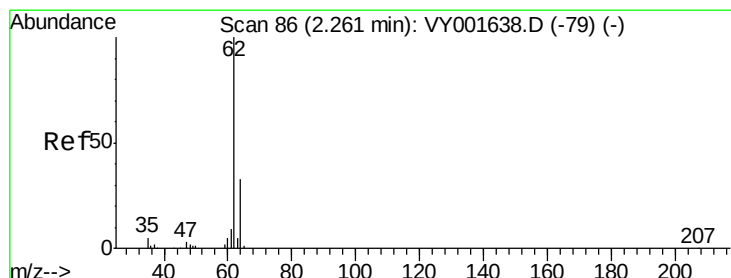
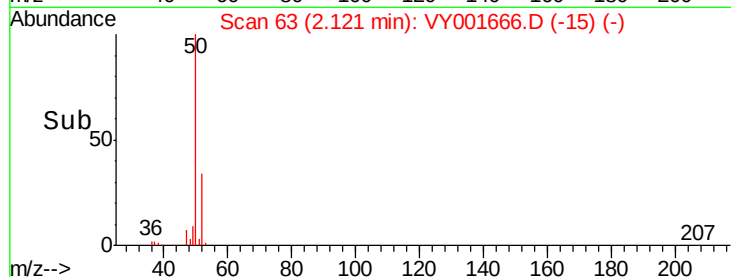
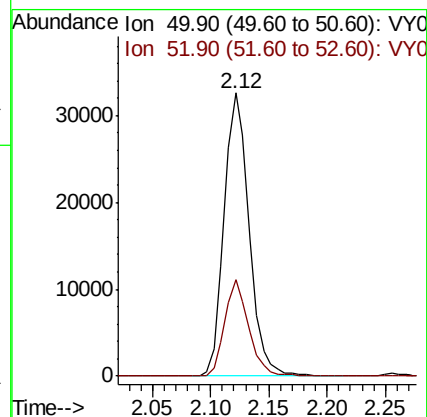
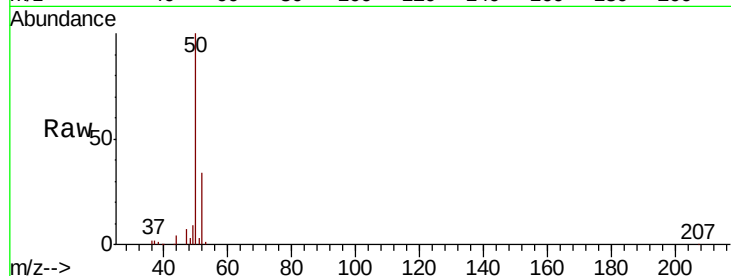
VY0218SBS01

Tot Ion: 50 Resp: 48277

Ion Ratio Lower Upper

50 100

52 34.2 25.8 38.6



#4

Vinyl Chloride

Concen: 20.642 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001666.D

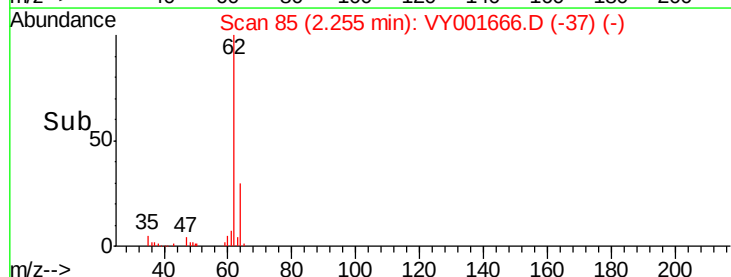
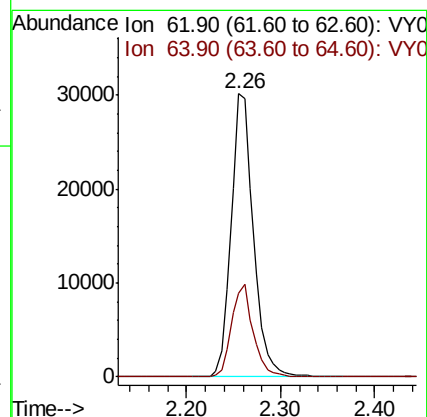
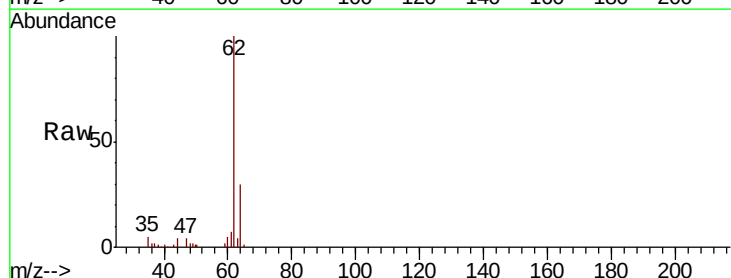
Acq: 18 Feb 2020 12:07

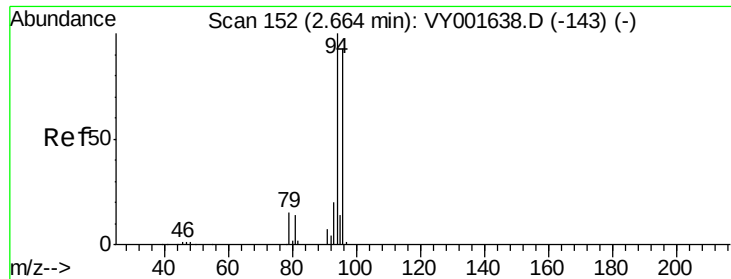
Tgt Ion: 62 Resp: 49422

Ion Ratio Lower Upper

62 100

64 29.5 24.9 37.3





#5

Bromomethane

Concen: 21.943 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

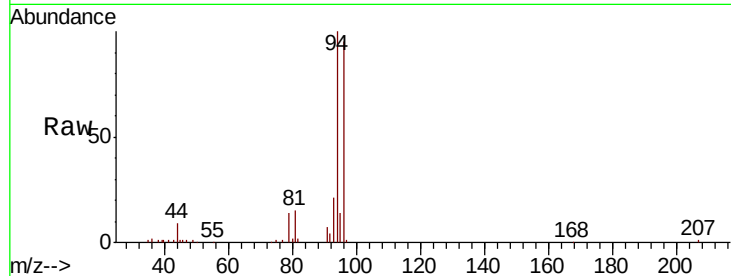
VY0218SBS01

Tot Ion: 94 Resp: 32835

Ion Ratio Lower Upper

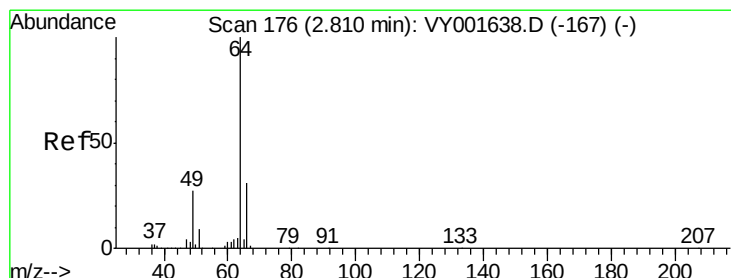
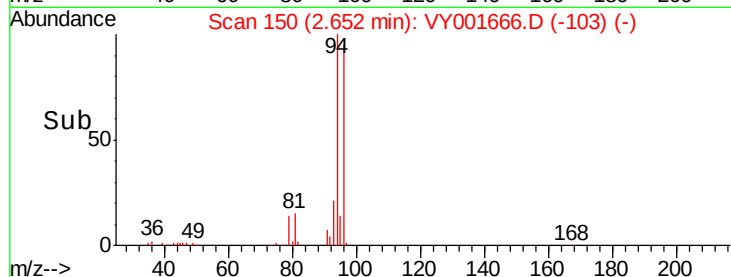
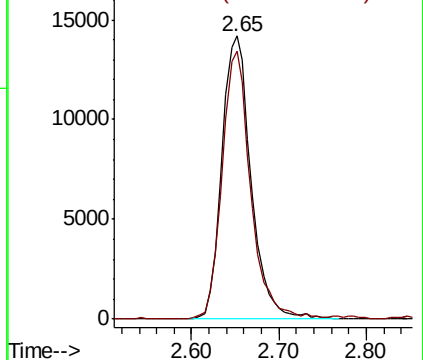
94 100

96 94.9 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.366 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001666.D

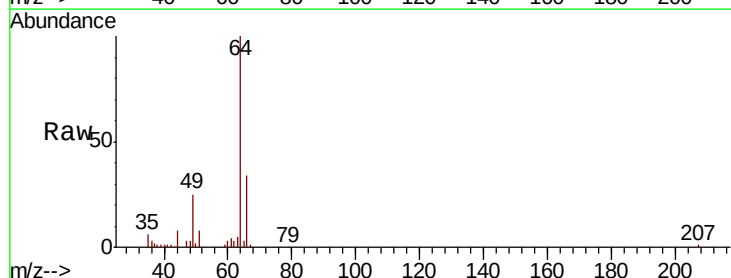
Acq: 18 Feb 2020 12:07

Tgt Ion: 64 Resp: 31524

Ion Ratio Lower Upper

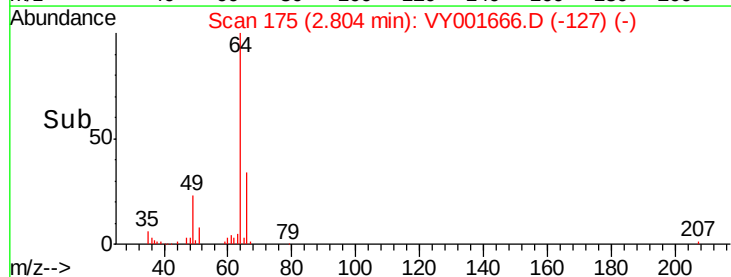
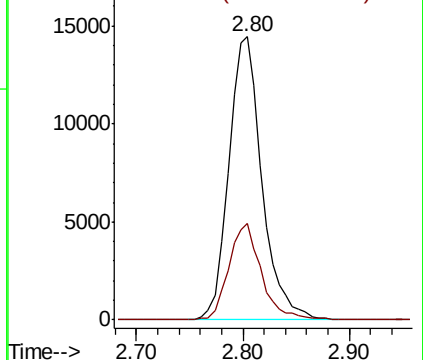
64 100

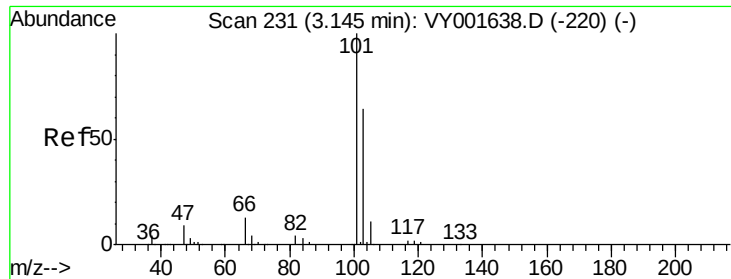
66 33.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



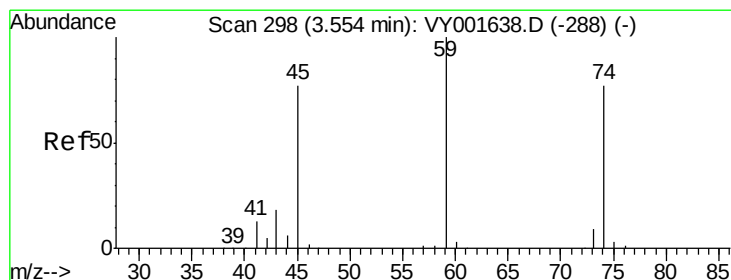
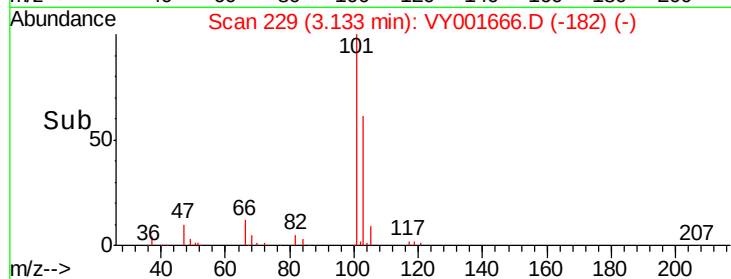
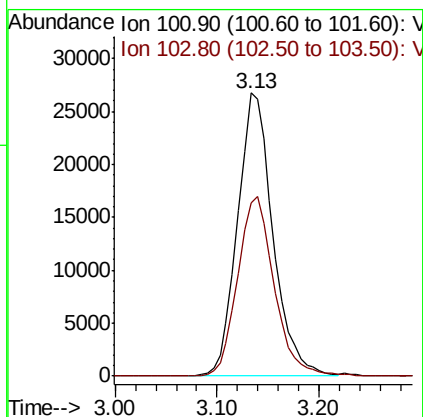
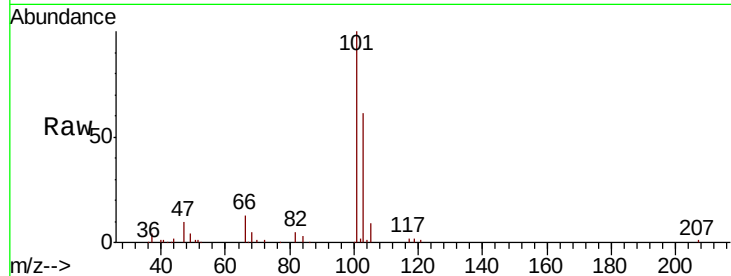


#7

Trichlorofluoromethane
 Concen: 21.059 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBS01

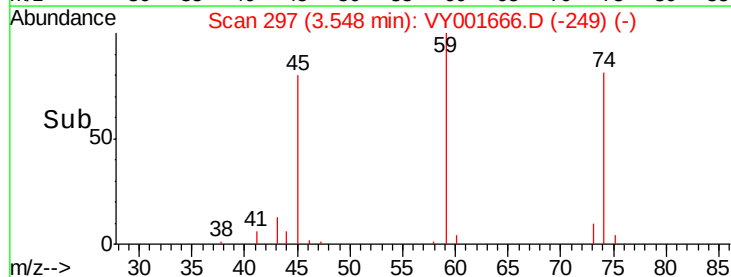
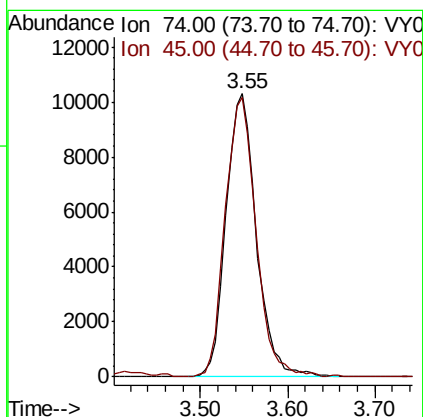
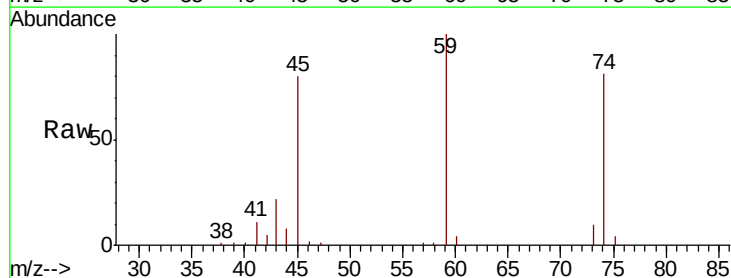
Tot Ion:101 Resp: 64532
 Ion Ratio Lower Upper
 101 100
 103 61.3 52.2 78.2

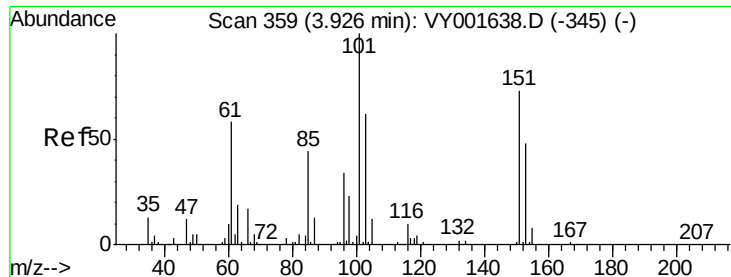


#8

Diethyl Ether
 Concen: 20.538 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

Tgt Ion: 74 Resp: 24811
 Ion Ratio Lower Upper
 74 100
 45 100.6 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.072 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0218SBS01

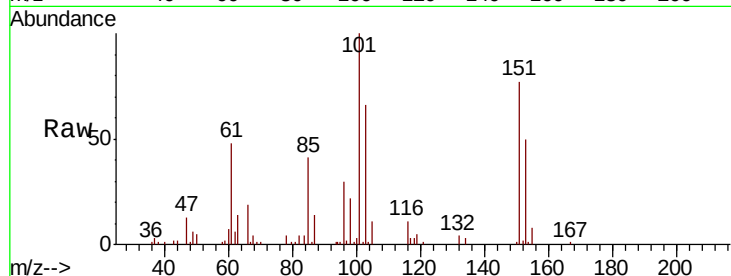
Tot Ion:101 Resp: 40586

Ion Ratio Lower Upper

101 100

85 45.0 35.1 52.7

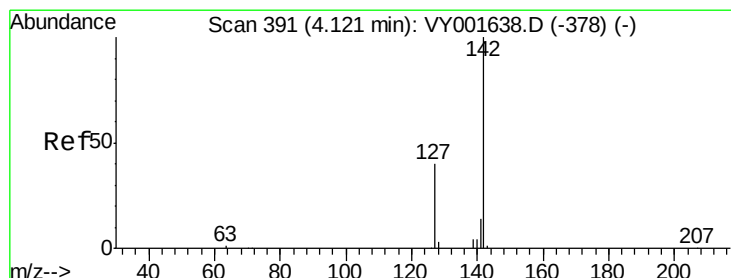
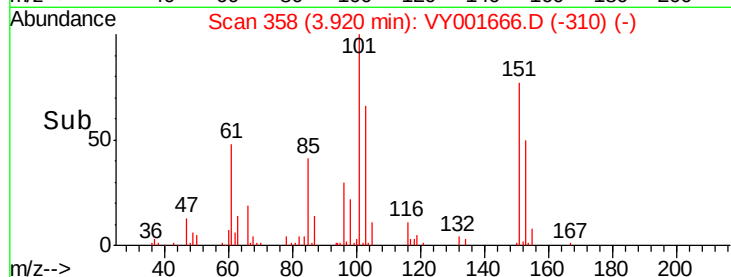
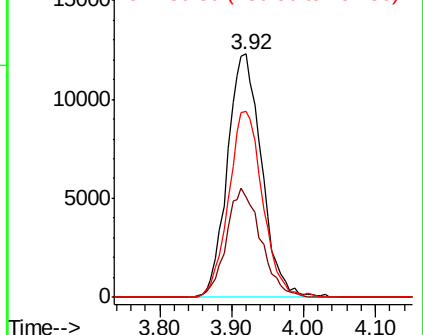
151 76.1 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.034 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.02 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

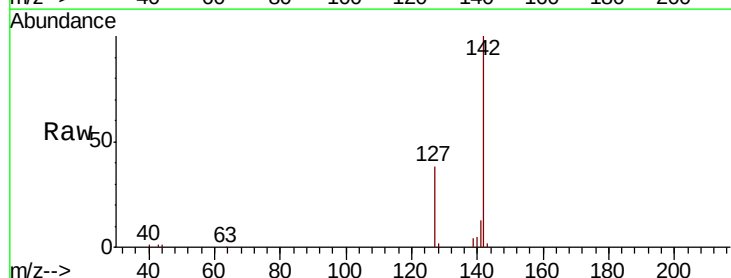
Tgt Ion:142 Resp: 47226

Ion Ratio Lower Upper

142 100

127 39.4 32.1 48.1

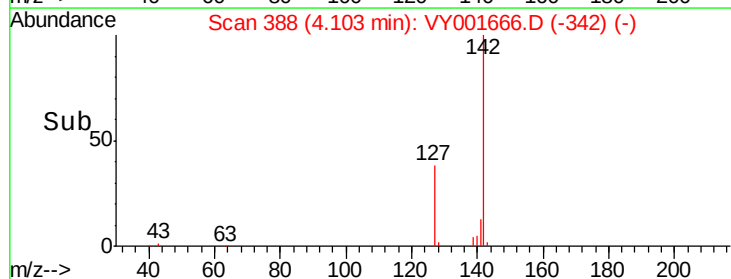
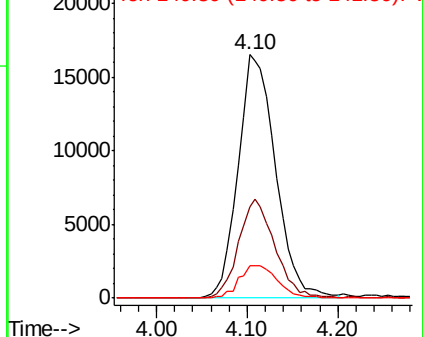
141 13.8 11.3 16.9

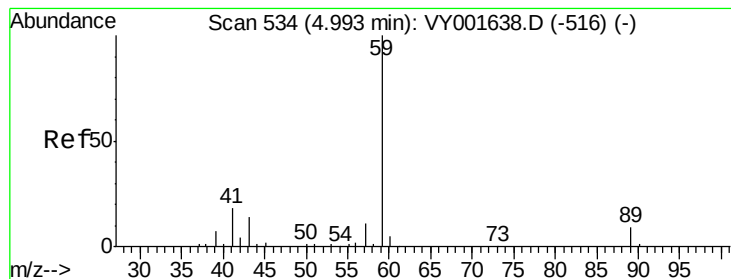


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



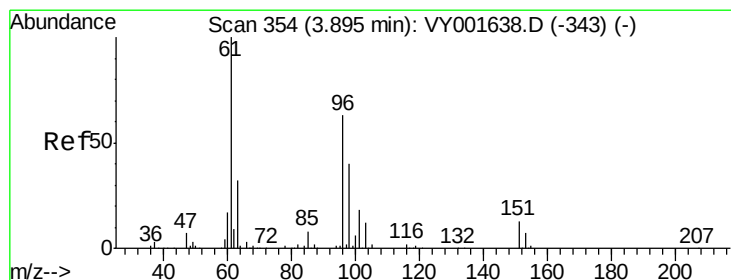
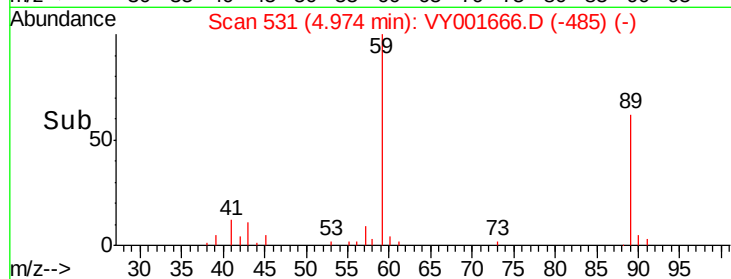
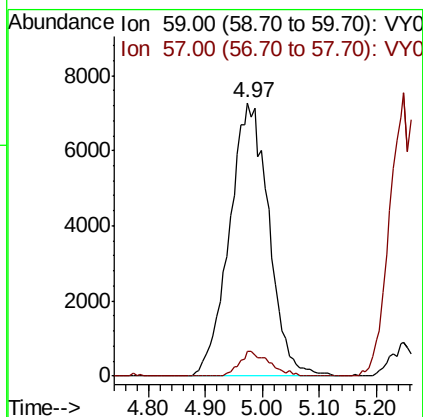
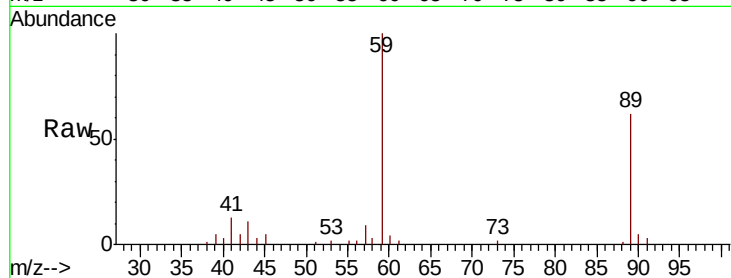


#11

Tert butyl alcohol
 Concen: 144.236 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBSD01

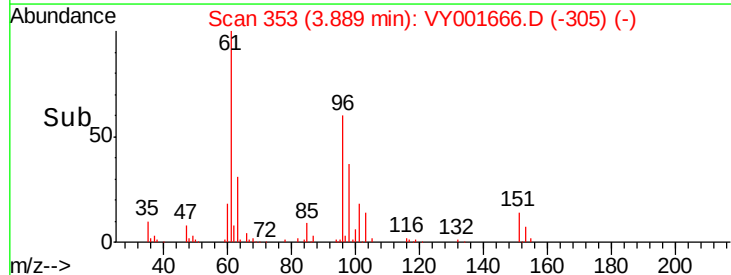
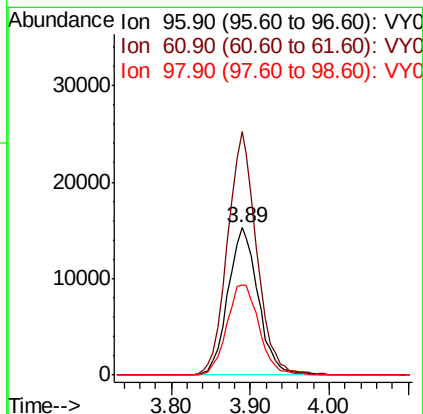
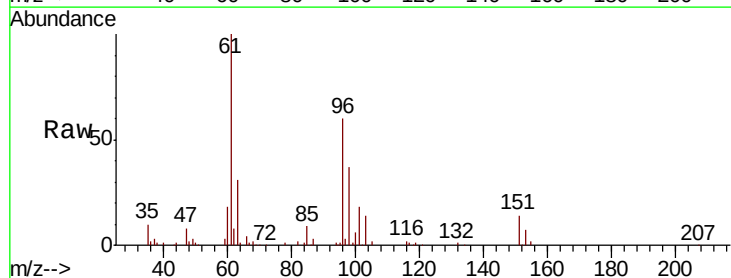
Tot Ion: 59 Resp: 34959
 Ion Ratio Lower Upper
 59 100
 57 6.9 7.4 11.2#

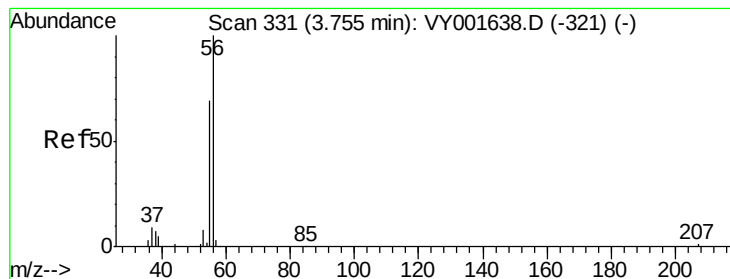


#12

1,1-Dichloroethene
 Concen: 20.781 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

Tgt Ion: 96 Resp: 40823
 Ion Ratio Lower Upper
 96 100
 61 165.5 128.7 193.1
 98 61.2 50.7 76.1





#13

Acrolein

Concen: 101.938 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.01 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

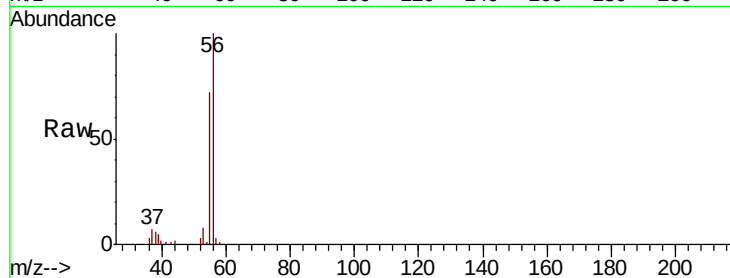
VY0218SBS01

Tot Ion: 56 Resp: 20050

Ion Ratio Lower Upper

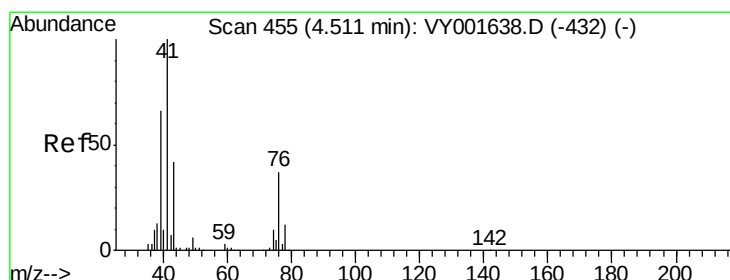
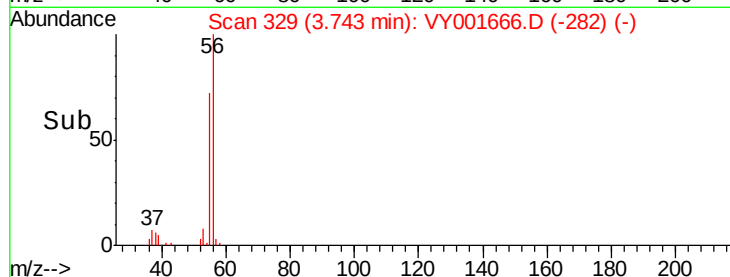
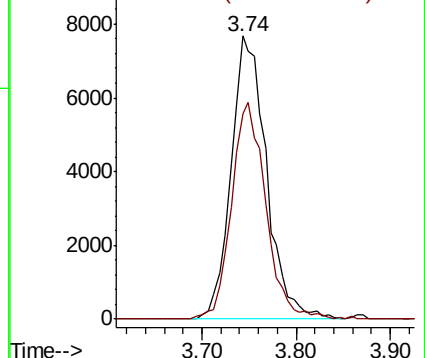
56 100

55 74.1 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.905 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

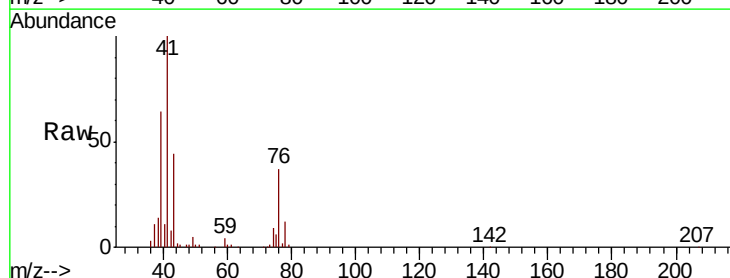
Tgt Ion: 41 Resp: 73088

Ion Ratio Lower Upper

41 100

39 64.1 49.4 74.0

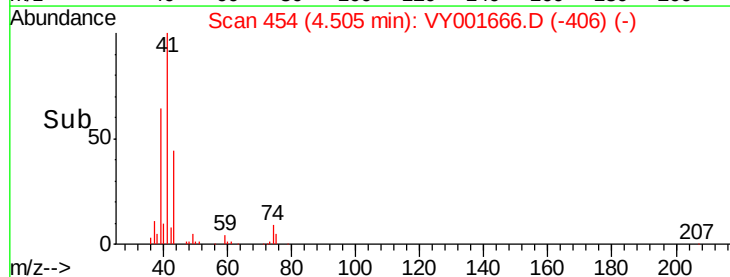
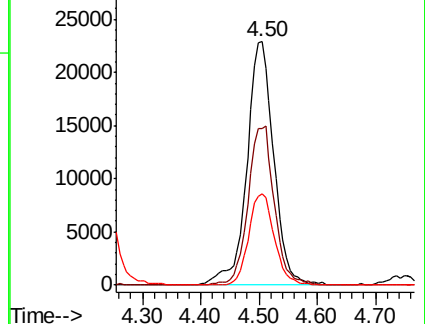
76 35.8 29.0 43.6

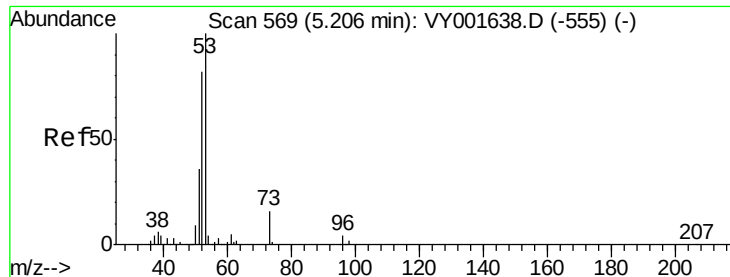


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 106.681 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0218SBS01

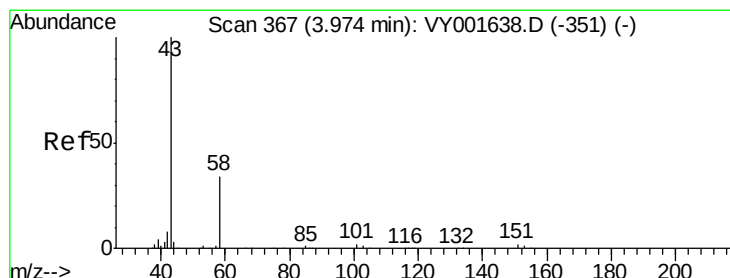
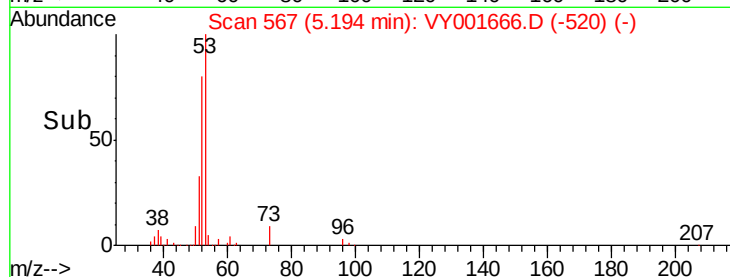
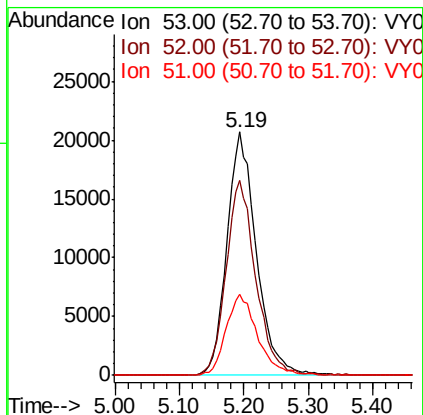
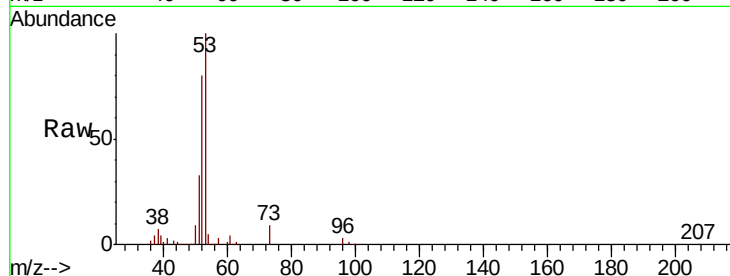
Tot Ion: 53 Resp: 66058

Ion Ratio Lower Upper

53 100

52 80.7 65.4 98.0

51 35.7 28.0 42.0



#16

Acetone

Concen: 88.988 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001666.D

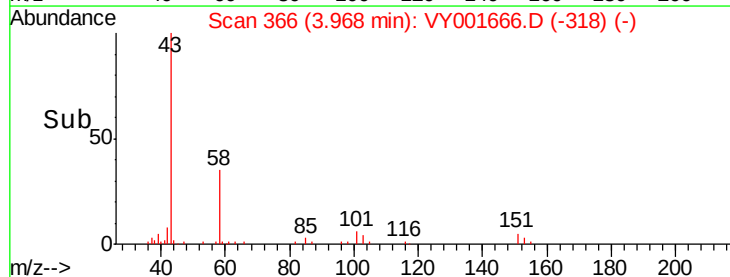
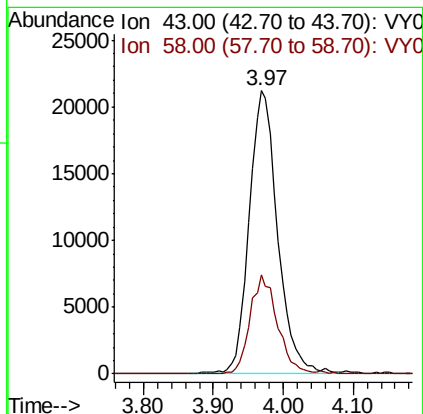
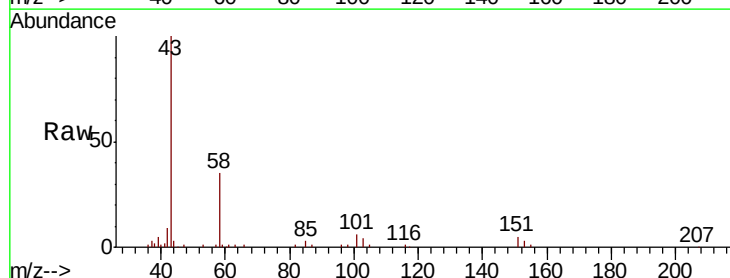
Acq: 18 Feb 2020 12:07

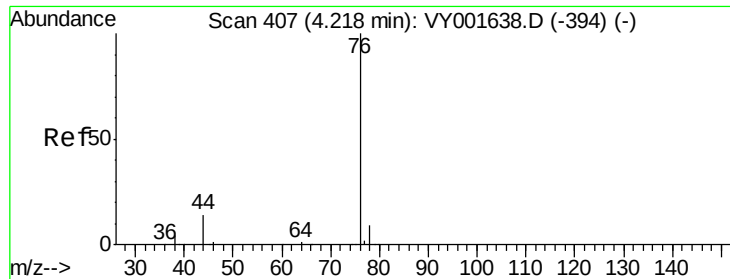
Tgt Ion: 43 Resp: 59965

Ion Ratio Lower Upper

43 100

58 34.8 27.3 40.9





#17

Carbon Disulfide

Concen: 20.375 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.01 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

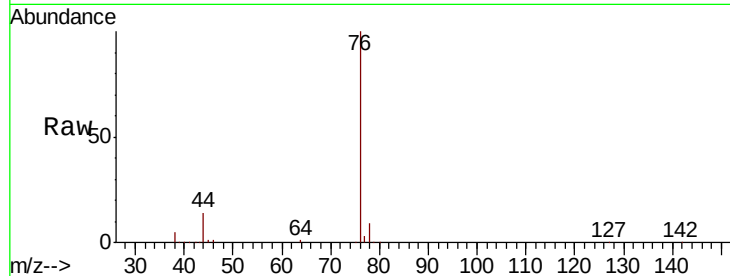
VY0218SBS01

Tot Ion: 76 Resp: 133628

Ion Ratio Lower Upper

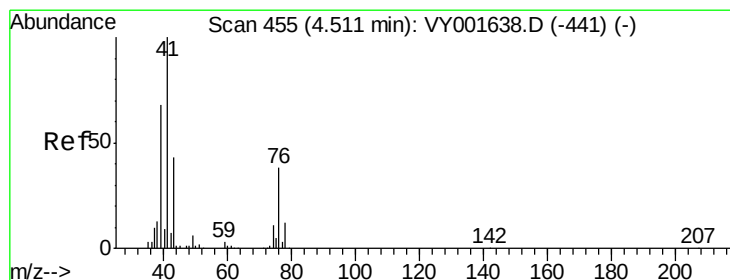
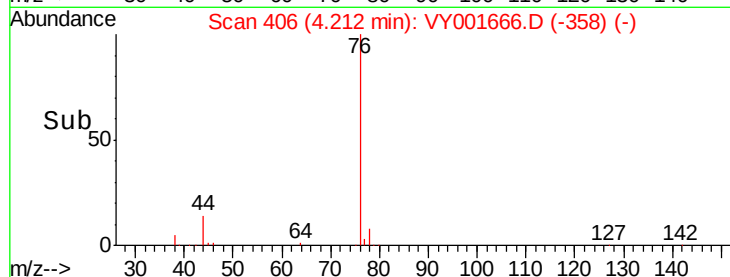
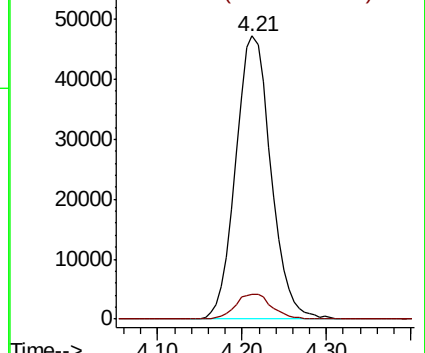
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 20.672 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001666.D

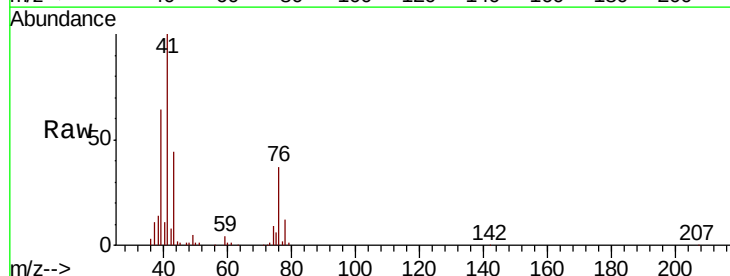
Acq: 18 Feb 2020 12:07

Tgt Ion: 43 Resp: 30336

Ion Ratio Lower Upper

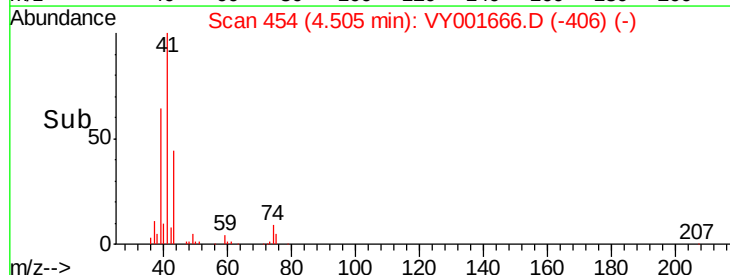
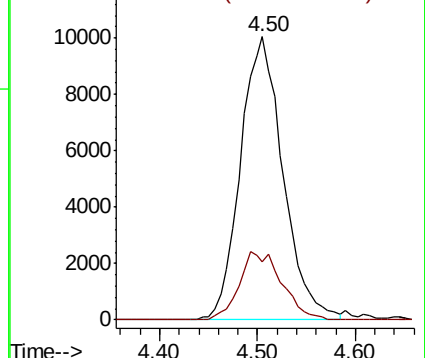
43 100

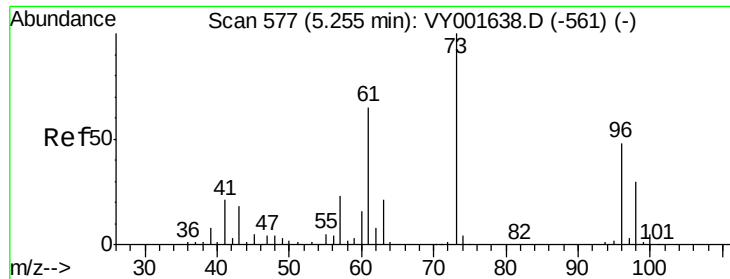
74 24.1 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

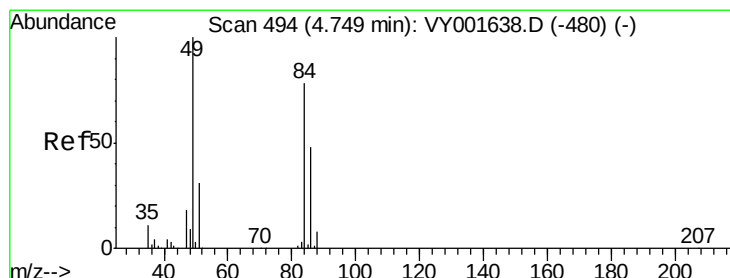
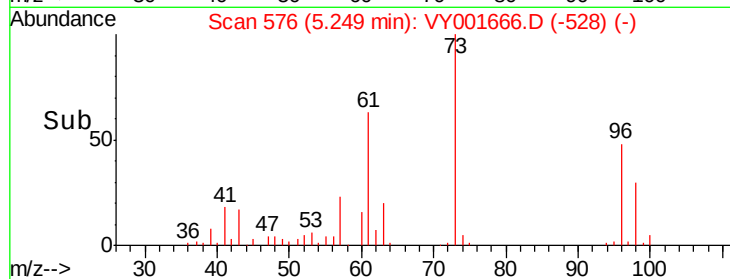
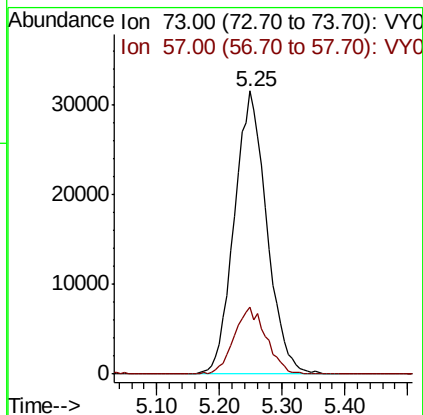
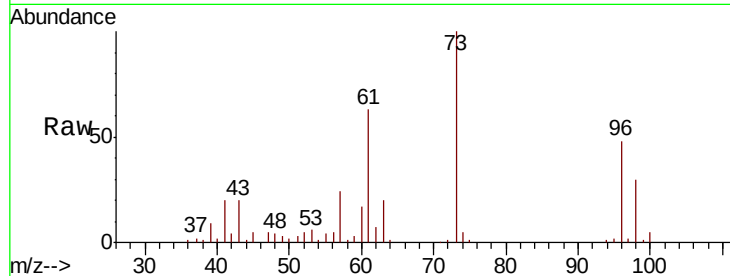




#19
Methyl tert-butyl Ether
Concen: 20.688 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

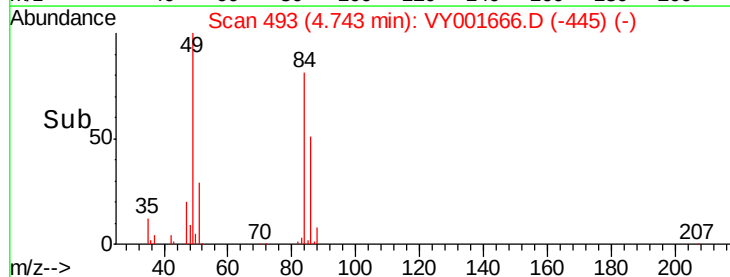
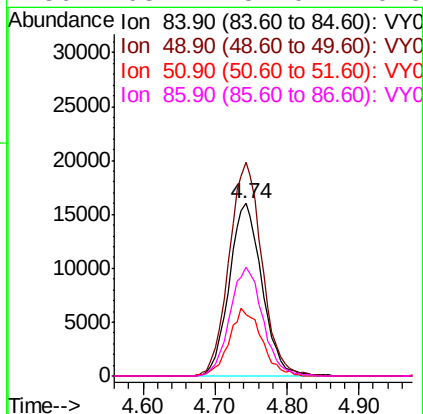
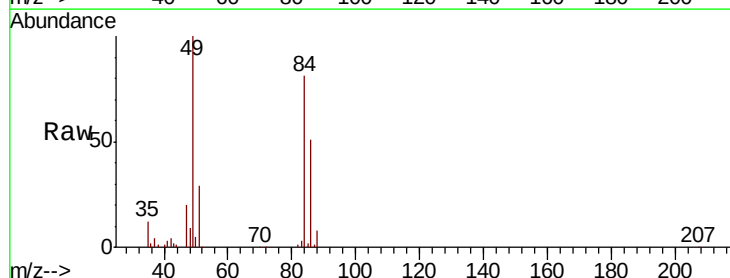
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBS01

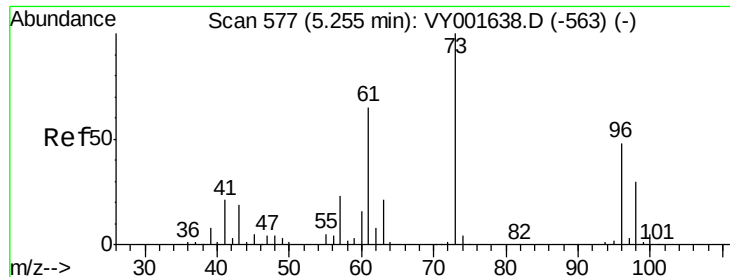
Tot Ion: 73 Resp: 113150
Ion Ratio Lower Upper
73 100
57 23.8 19.0 28.6



#20
Methylene Chloride
Concen: 21.101 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Tgt Ion: 84 Resp: 50507
Ion Ratio Lower Upper
84 100
49 124.0 99.2 148.8
51 36.0 31.5 47.3
86 63.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 21.171 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0218SBS01

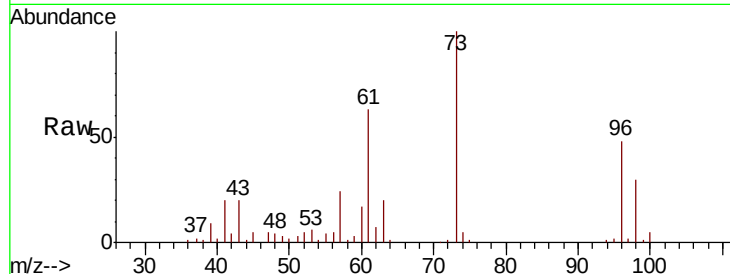
Tot Ion: 96 Resp: 47452

Ion Ratio Lower Upper

96 100

61 131.9 107.9 161.9

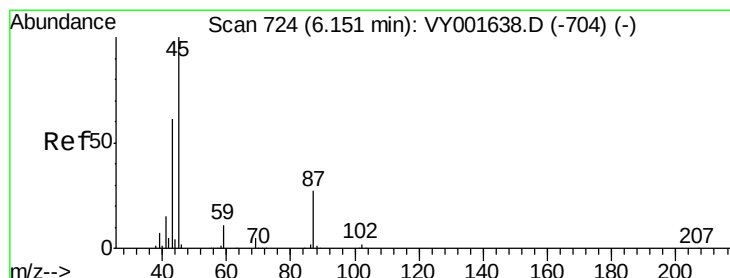
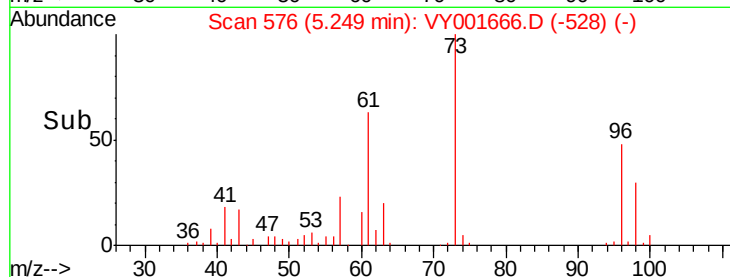
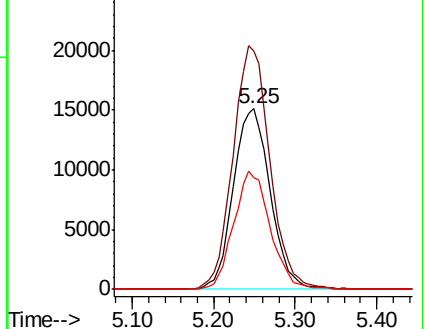
98 61.7 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.983 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Tgt Ion: 45 Resp: 150656

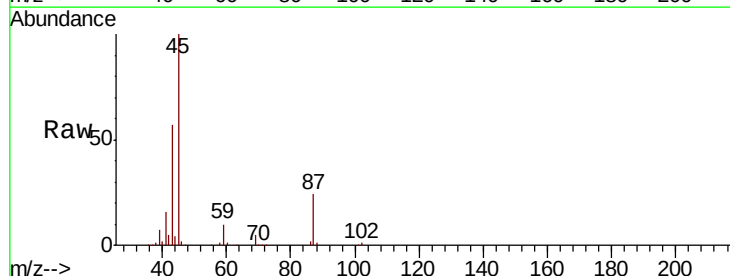
Ion Ratio Lower Upper

45 100

43 56.6 46.4 69.6

87 24.0 22.1 33.1

59 9.4 9.4 14.0

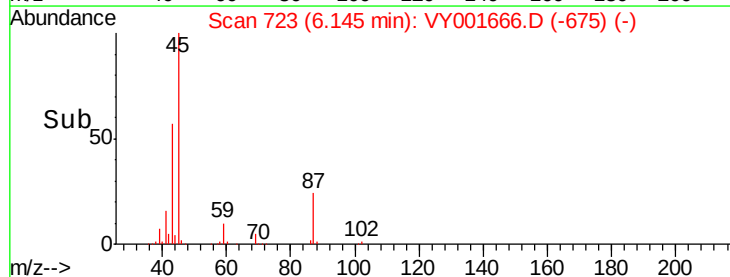
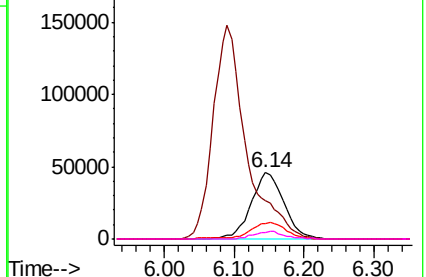


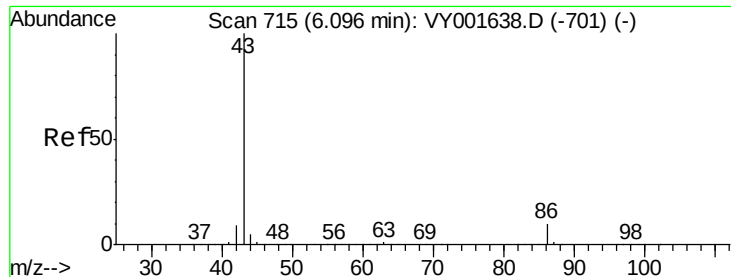
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 104.204 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

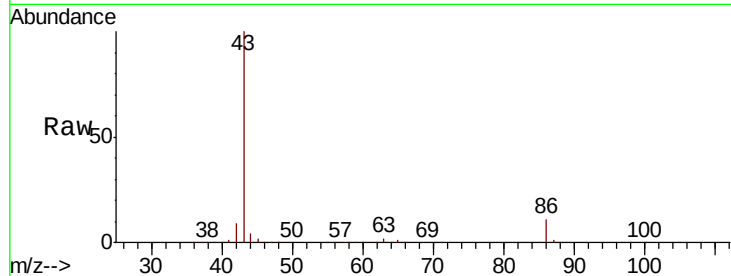
VY0218SBS01

Tot Ion: 43 Resp: 488023

Ion Ratio Lower Upper

43 100

86 10.6 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

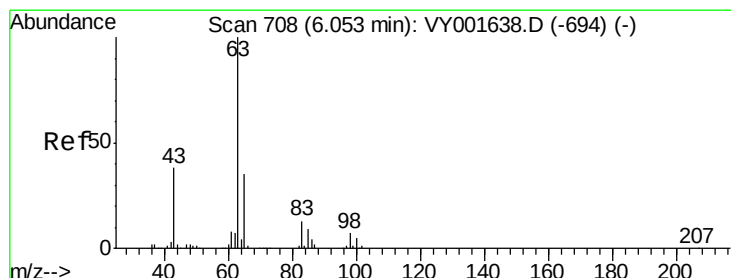
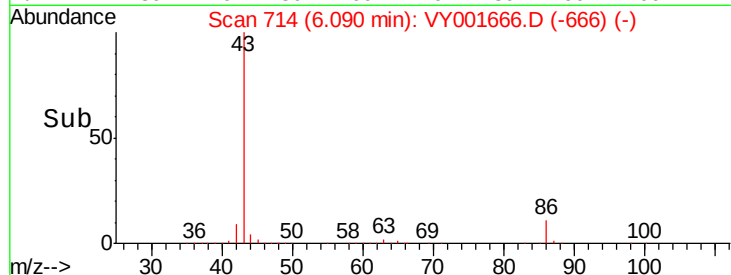
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 21.282 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

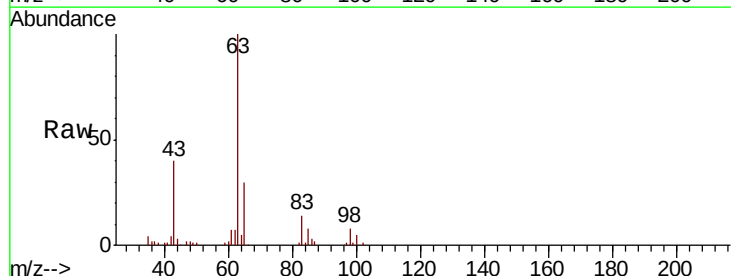
Tgt Ion: 63 Resp: 81668

Ion Ratio Lower Upper

63 100

98 7.9 3.4 10.2

100 4.6 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.05

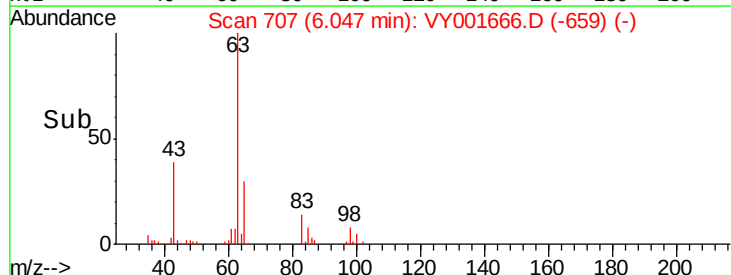
30000

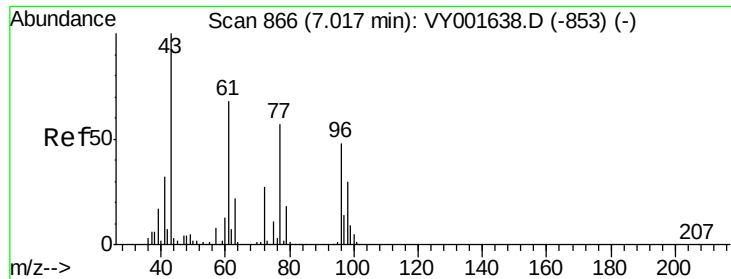
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 98.661 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

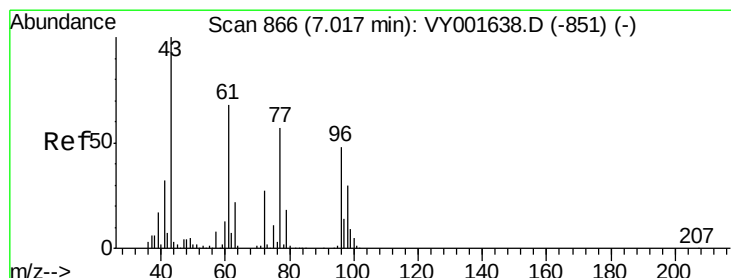
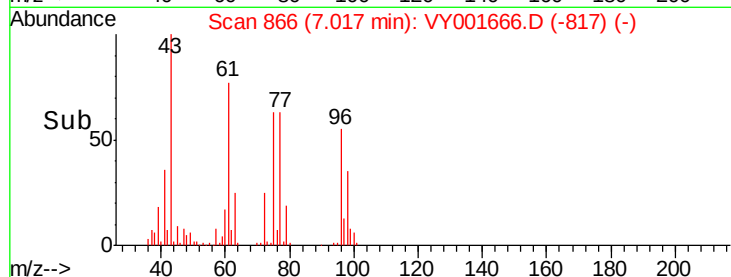
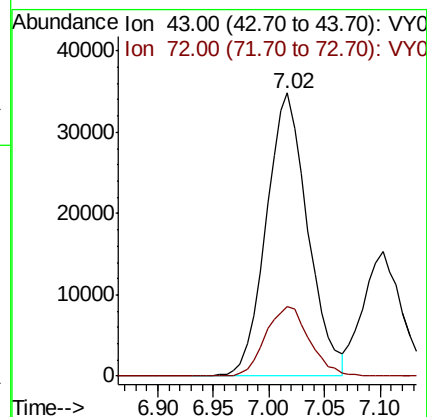
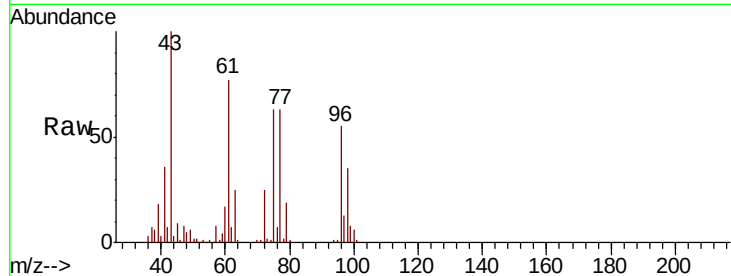
VY0218SBS01

Tot Ion: 43 Resp: 90315

Ion Ratio Lower Upper

43 100

72 24.7 21.2 31.8



#26

2,2-Dichloropropane

Concen: 21.282 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001666.D

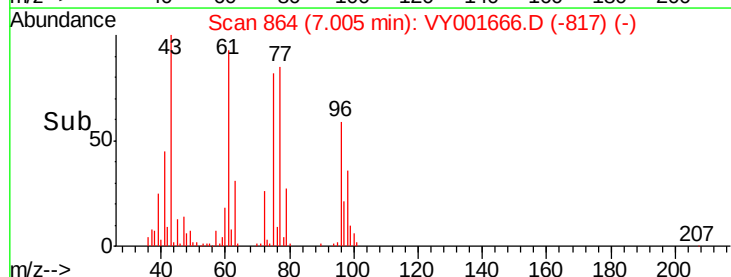
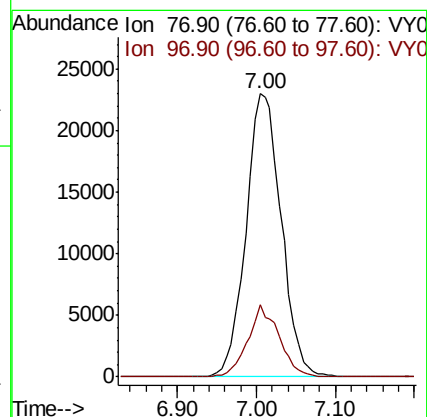
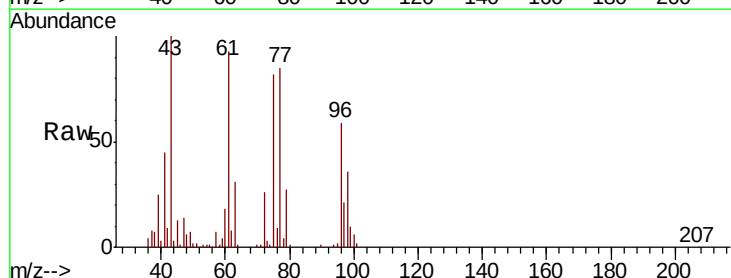
Acq: 18 Feb 2020 12:07

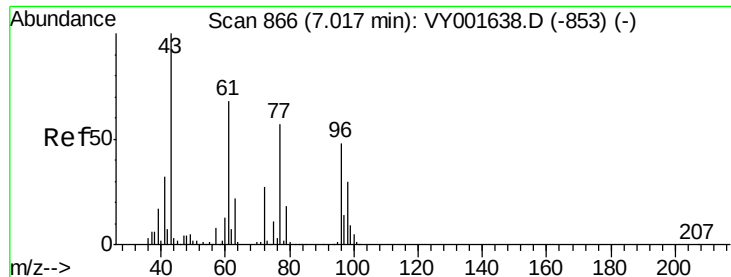
Tgt Ion: 77 Resp: 71055

Ion Ratio Lower Upper

77 100

97 22.5 11.8 35.4



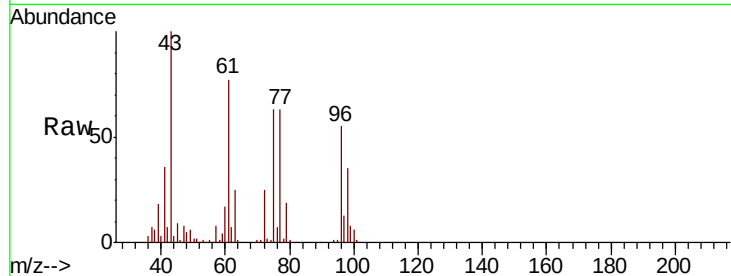


#27

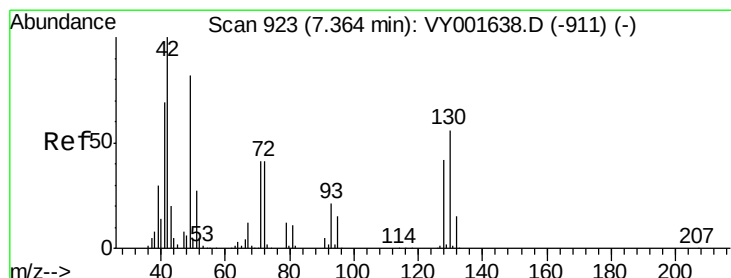
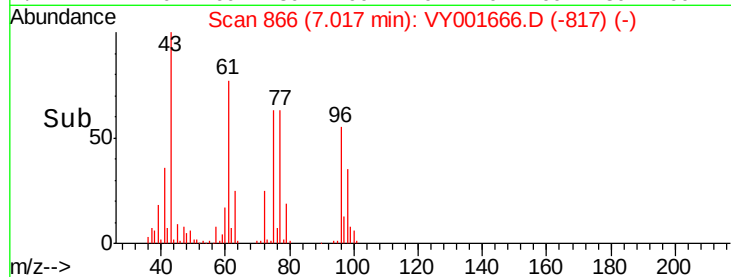
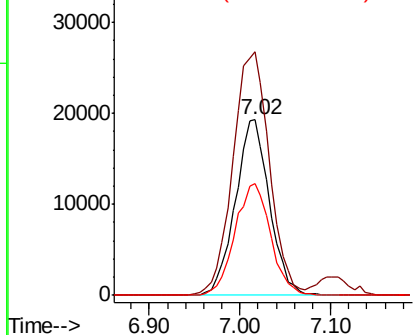
cis-1,2-Dichloroethene
Concen: 20.455 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBS01

Tot Ion	96	Resp	50606
Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	290.8
98	66.3	0.0	128.6



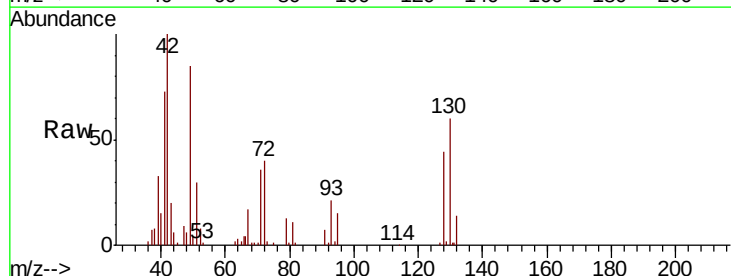
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



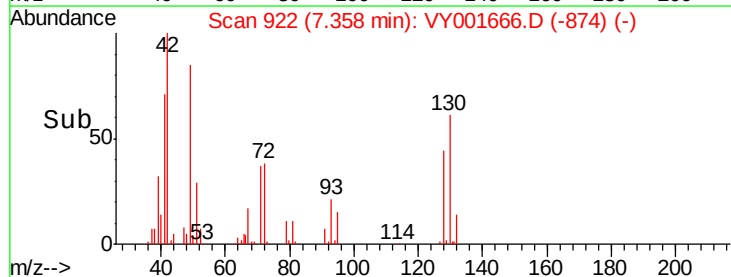
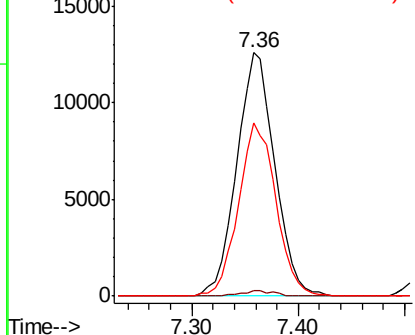
#28

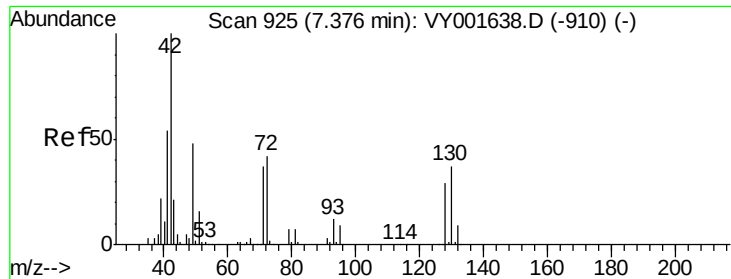
Bromochloromethane
Concen: 19.722 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Tgt Ion	49	Resp	31526
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	70.1	56.2	84.4



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: 106.338 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.00 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0218SBS01

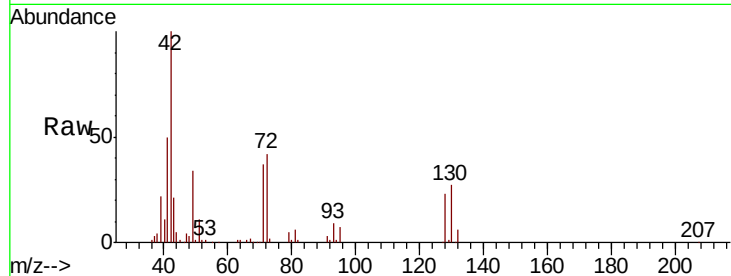
Tot Ion: 42 Resp: 58836

Ion Ratio Lower Upper

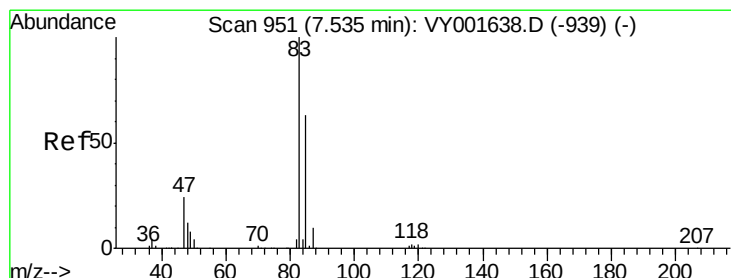
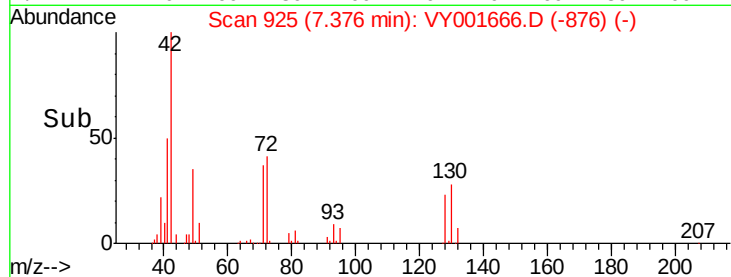
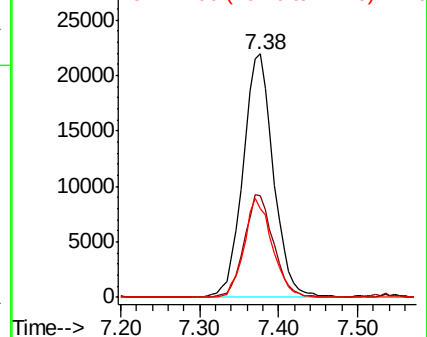
42 100

72 40.5 34.4 51.6

71 37.5 31.8 47.8



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



#30

Chloroform

Concen: 20.572 ug/l

RT: 7.53 min Scan# 951

Delta R.T. 0.00 min

Lab File: VY001666.D

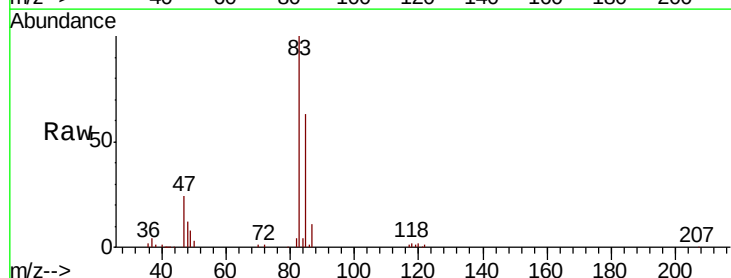
Acq: 18 Feb 2020 12:07

Tgt Ion: 83 Resp: 77138

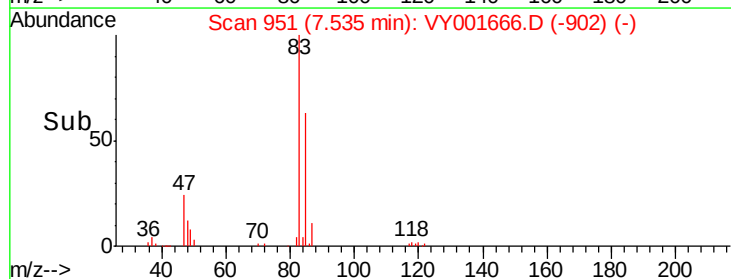
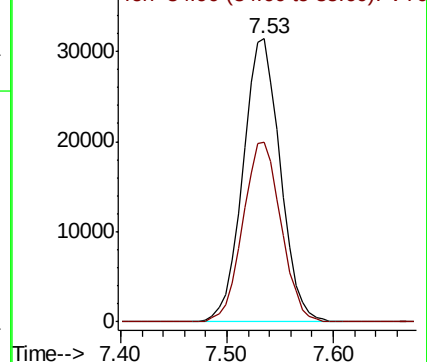
Ion Ratio Lower Upper

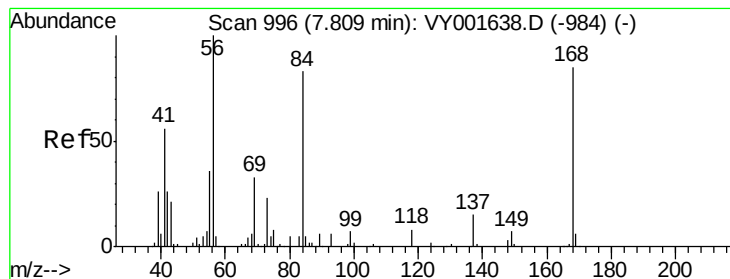
83 100

85 63.5 51.6 77.4



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





#31

Cyclohexane

Concen: 20.420 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0218SBS01

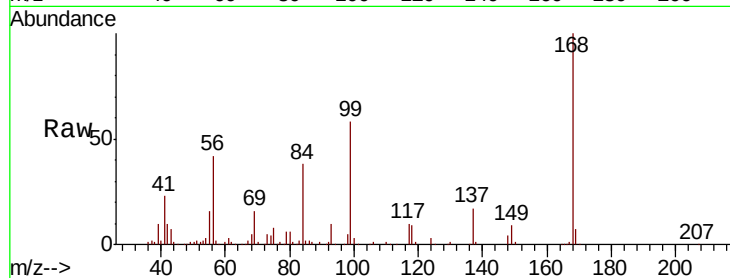
Tot Ion: 56 Resp: 83550

Ion Ratio Lower Upper

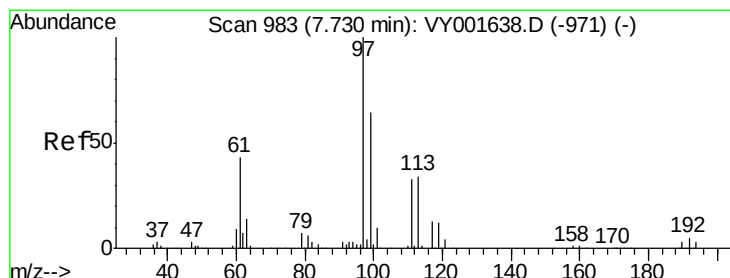
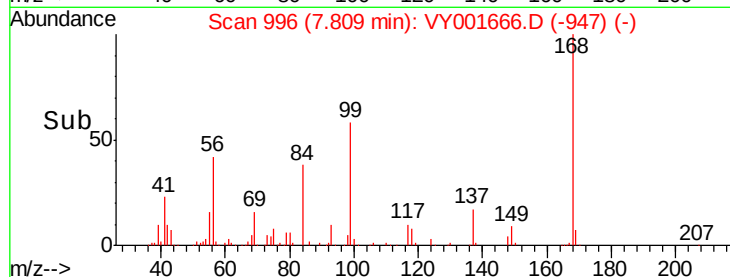
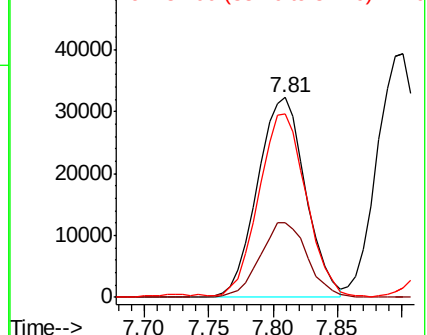
56 100

69 37.6 25.1 37.7

84 91.0 66.9 100.3



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: 20.696 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

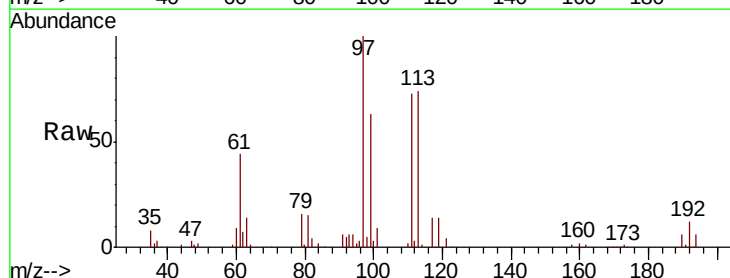
Tgt Ion: 97 Resp: 65222

Ion Ratio Lower Upper

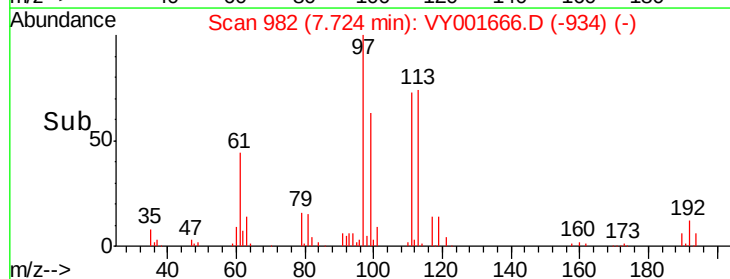
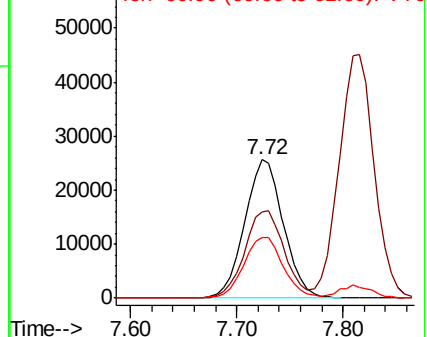
97 100

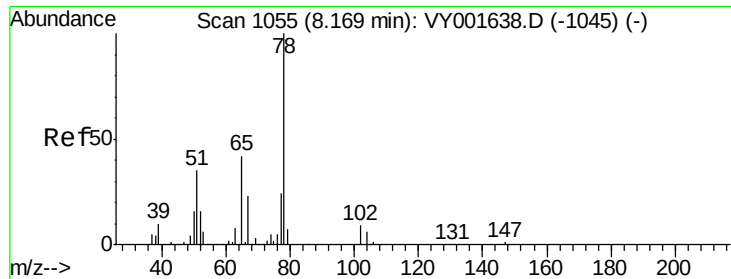
99 64.3 51.2 76.8

61 45.0 35.0 52.6



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

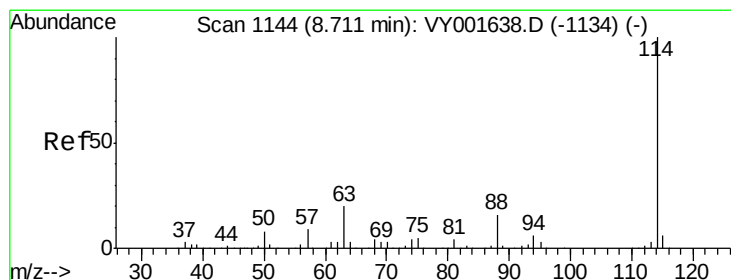
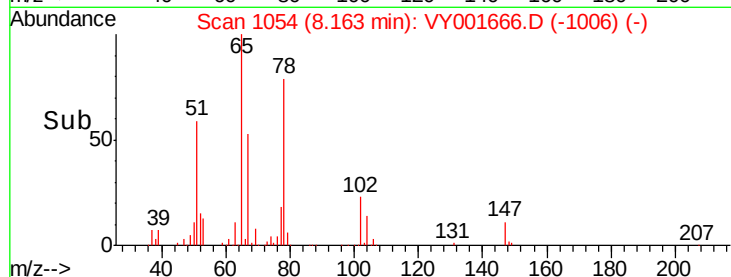
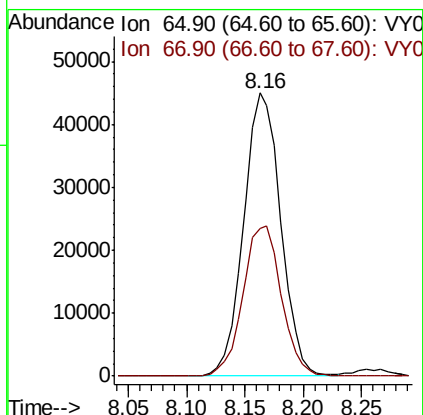
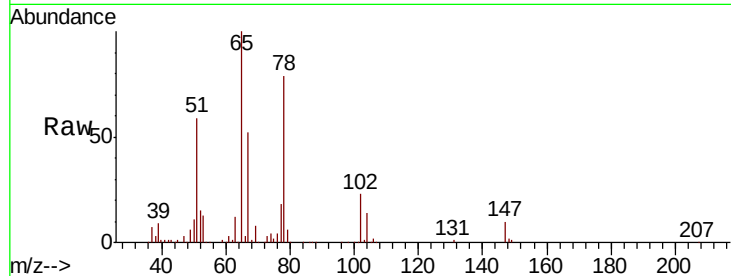




#33
 1,2-Dichloroethane-d4
 Concen: 51.071 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

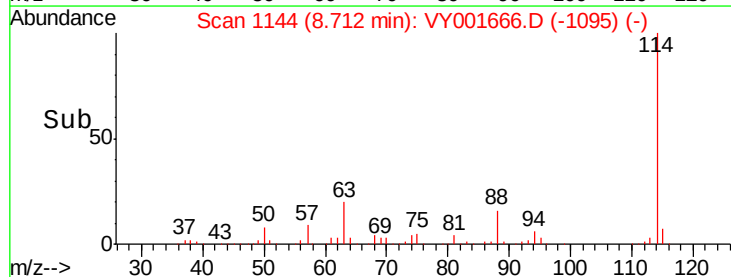
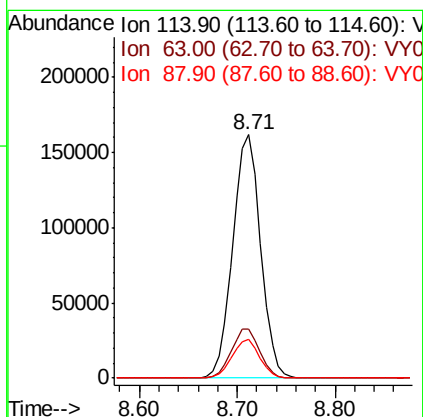
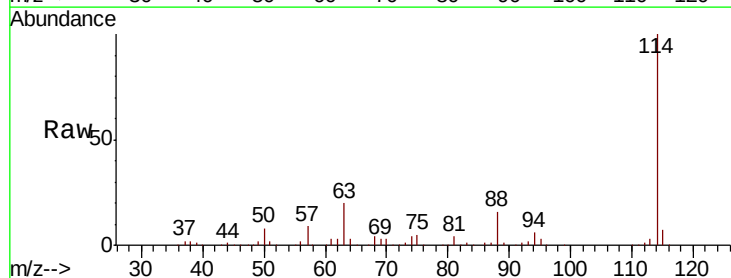
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBS01

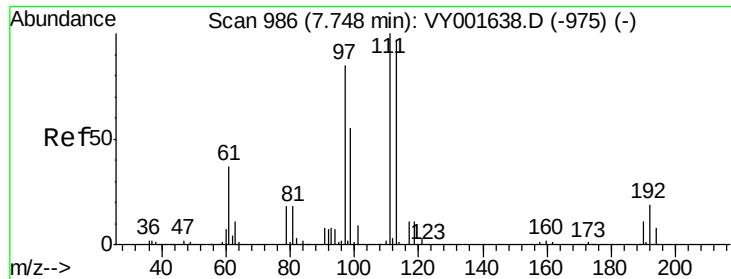
Tot Ion: 65 Resp: 99460
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

Tgt Ion: 114 Resp: 319508
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.7 0.0 32.8

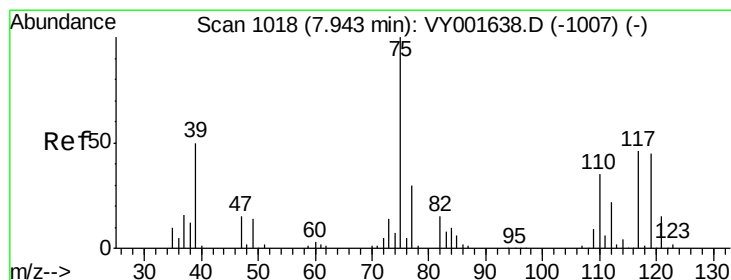
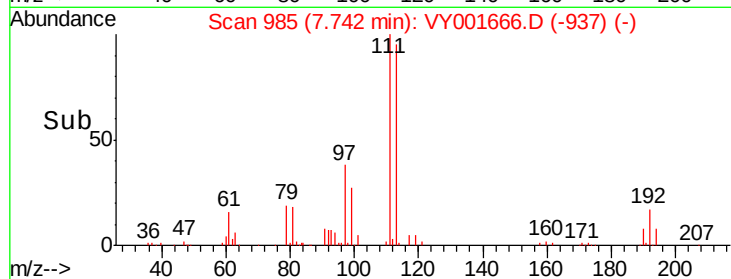
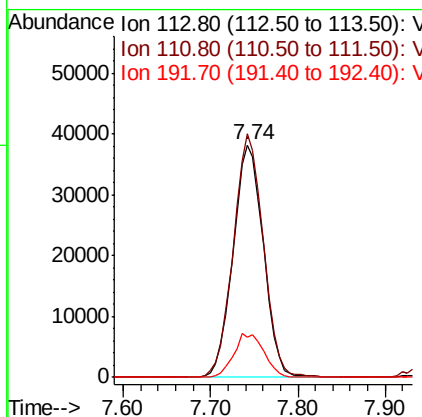
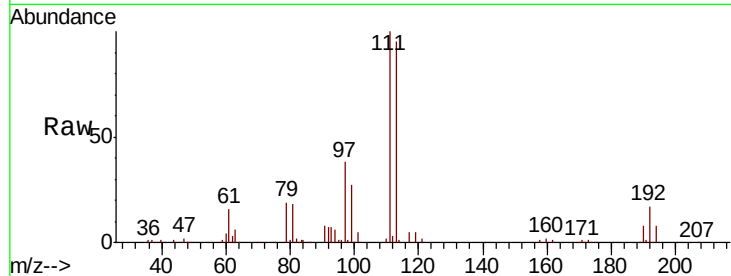




#35
 Dibromofluoromethane
 Concen: 50.154 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

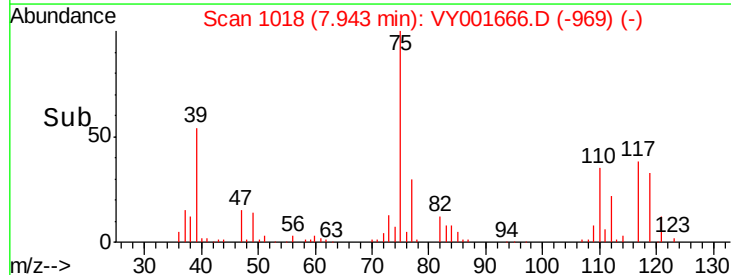
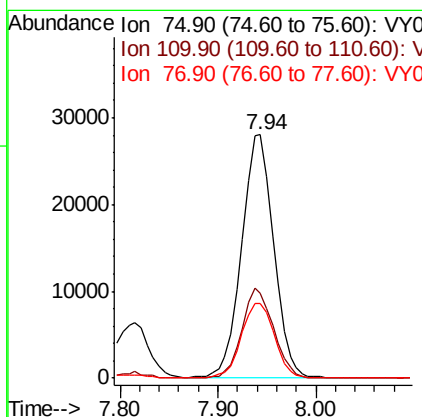
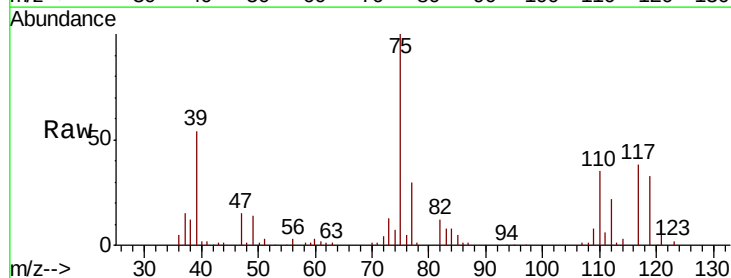
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBS01

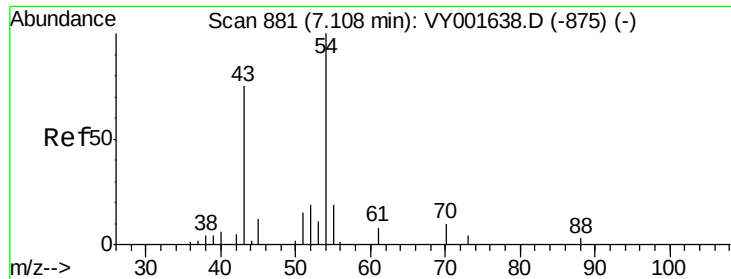
Tot Ion:113 Resp: 91781
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.9 122.9
 192 18.9 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 21.012 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

Tgt Ion: 75 Resp: 64128
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.2 51.6
 77 31.7 24.8 37.2

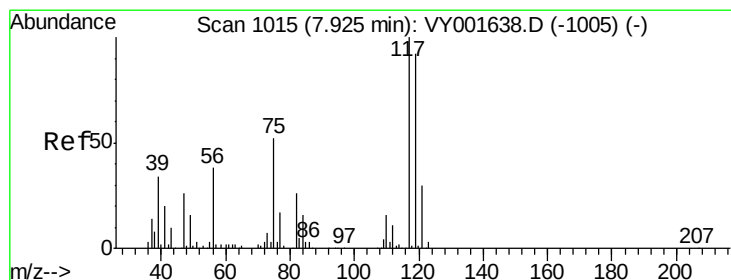
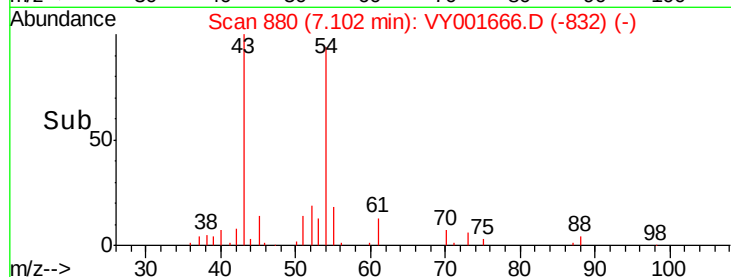
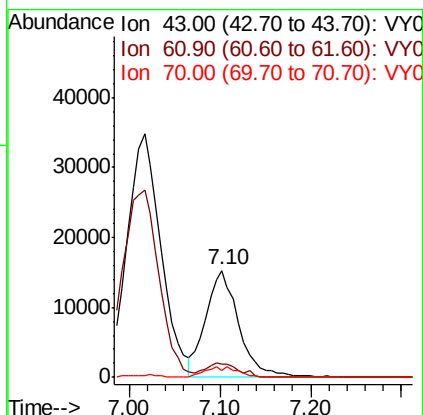
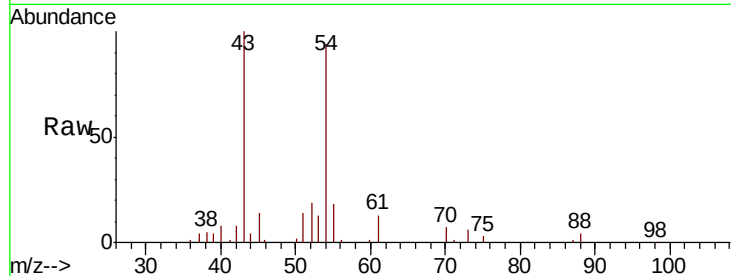




#37
Ethyl Acetate
Concen: 21.423 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

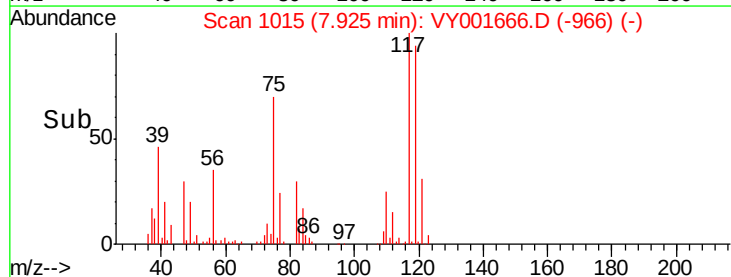
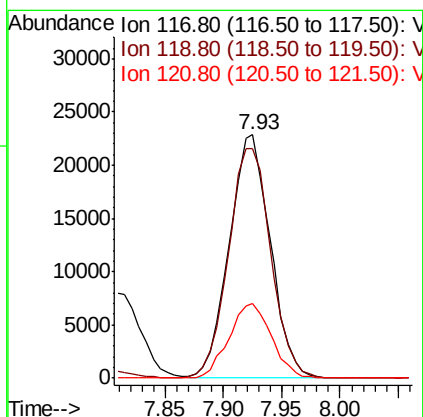
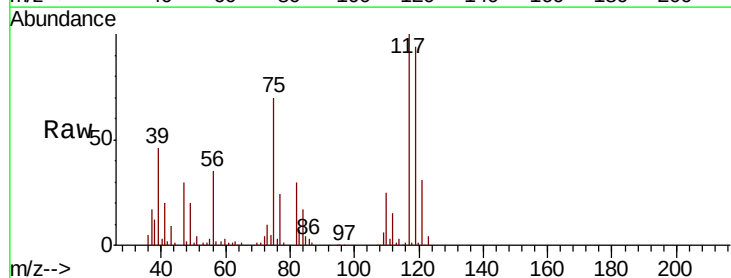
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBS01

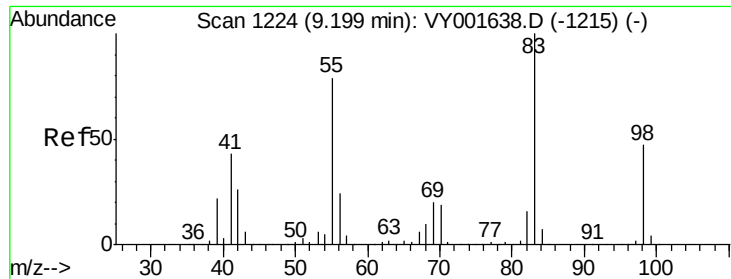
Tot Ion: 43 Resp: 39023
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.6
70 10.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 20.914 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Tgt Ion: 117 Resp: 56064
Ion Ratio Lower Upper
117 100
119 94.2 74.8 112.2
121 30.9 23.8 35.6

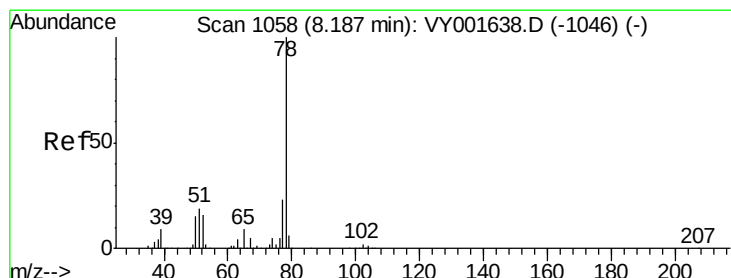
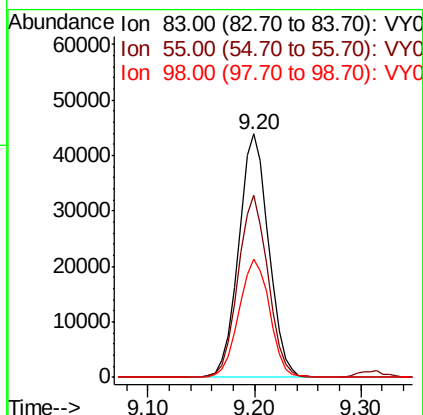
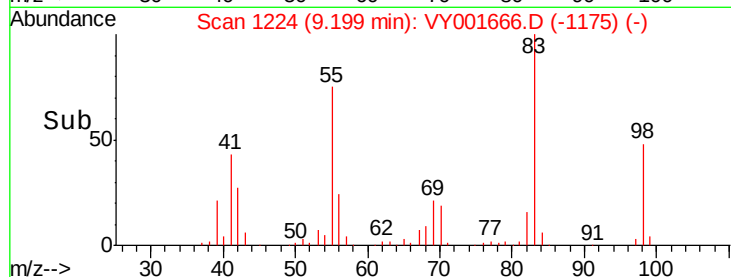
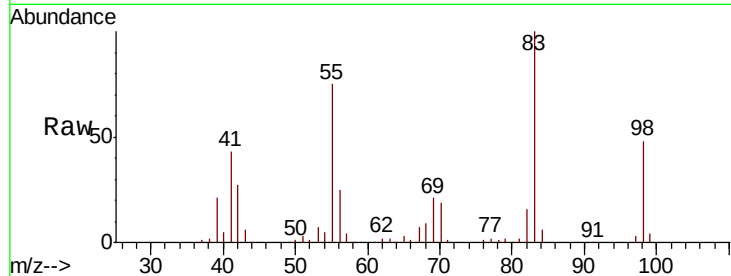




#39
Methylvlcyclohexane
Concen: 21.413 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

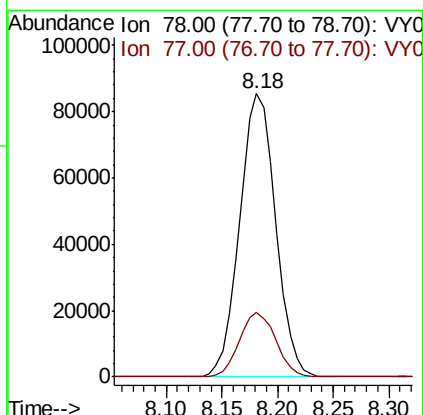
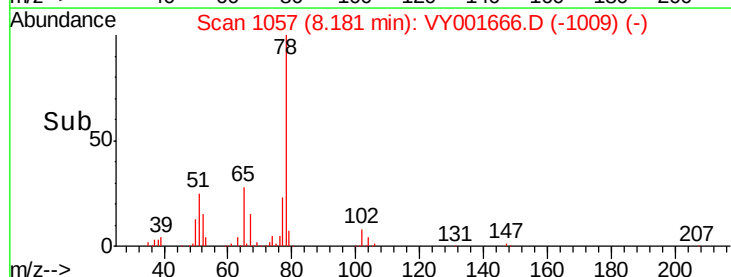
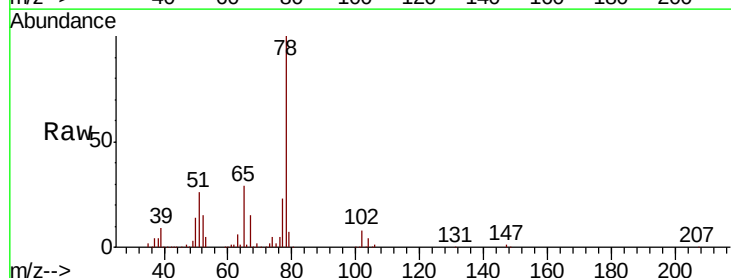
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBS01

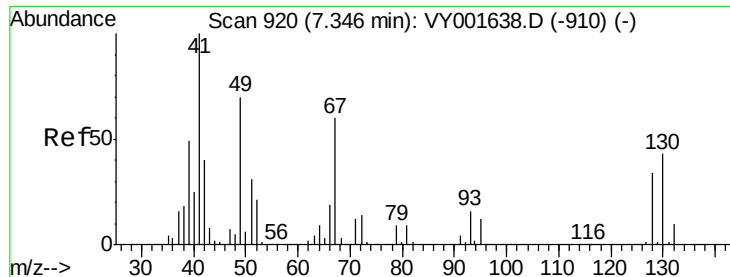
Tot Ion: 83 Resp: 86700
Ion Ratio Lower Upper
83 100
55 74.7 61.3 91.9
98 48.5 38.0 57.0



#40
Benzene
Concen: 21.389 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Tgt Ion: 78 Resp: 191988
Ion Ratio Lower Upper
78 100
77 22.8 18.2 27.4

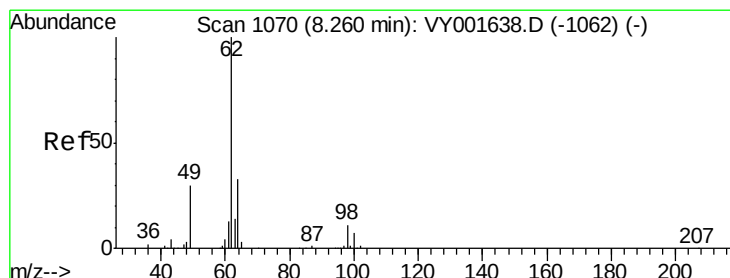
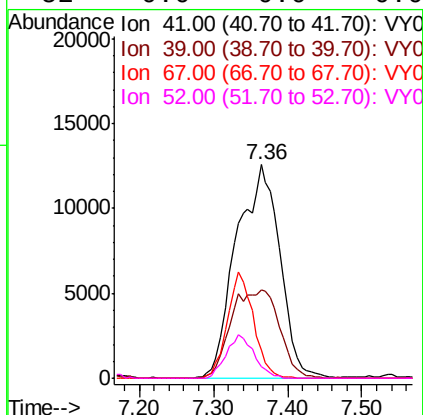
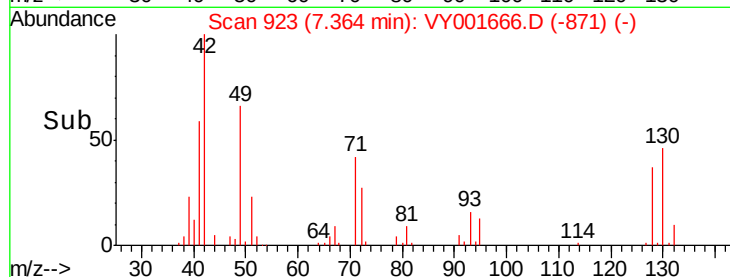
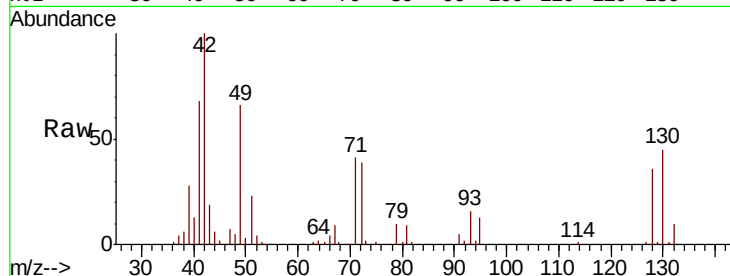




#41
Methacrylonitrile
Concen: 56.154 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

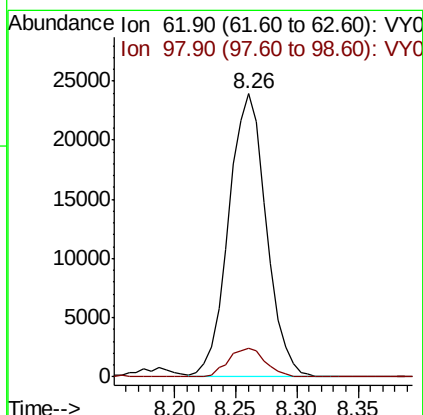
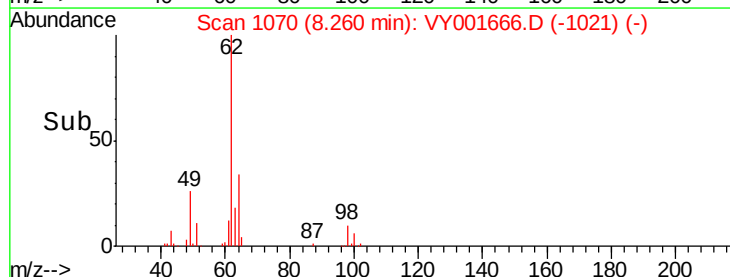
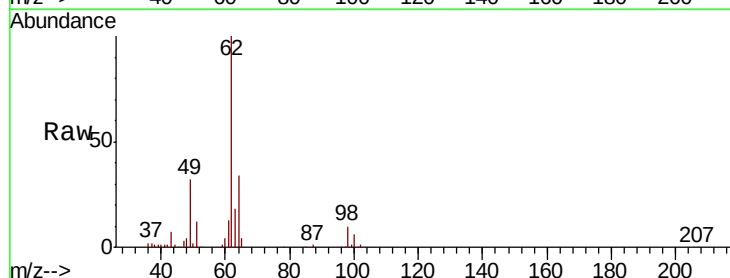
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBS01

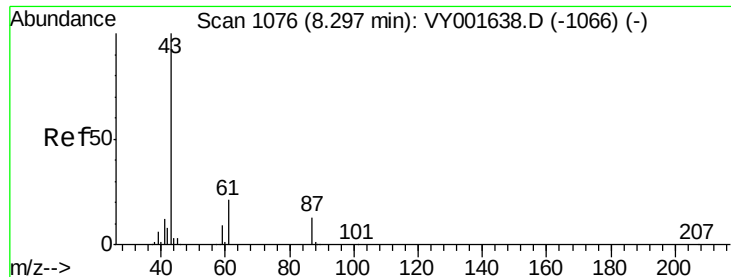
Tot Ion:	41	Resp:	51359
Ion	Ratio	Lower	Upper
41	100		
39	46.1	36.0	54.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.848 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Tgt Ion:	62	Resp:	50979
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.8





#43

Isopropyl Acetate

Concen: 20.896 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0218SBS01

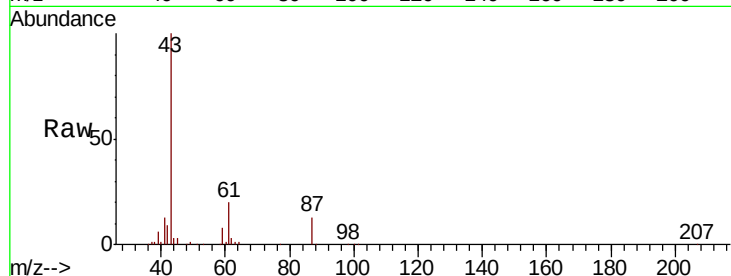
Tot Ion: 43 Resp: 72221

Ion Ratio Lower Upper

43 100

61 29.8 23.0 34.4

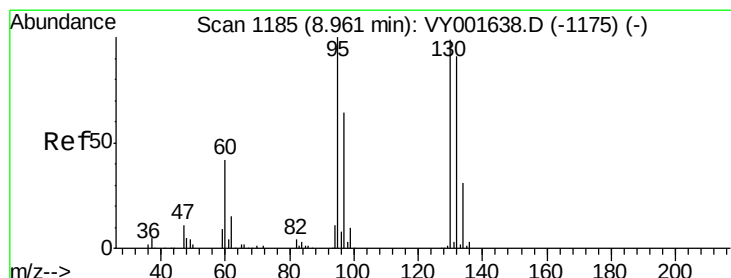
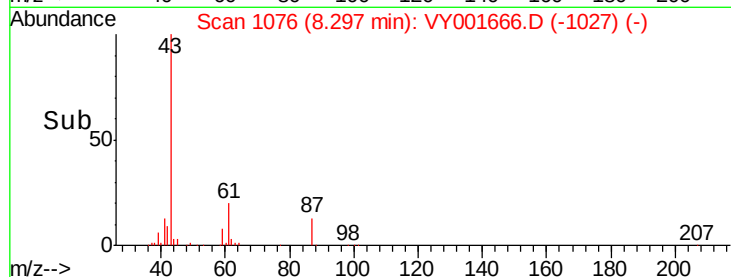
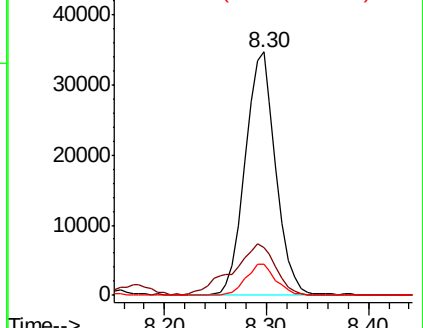
87 12.8 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY001666.D (-1076) (-)

Ion 61.00 (60.70 to 61.70): VY001666.D (-1076) (-)

Ion 87.00 (86.70 to 87.70): VY001666.D (-1076) (-)



#44

Trichloroethene

Concen: 21.274 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY001666.D

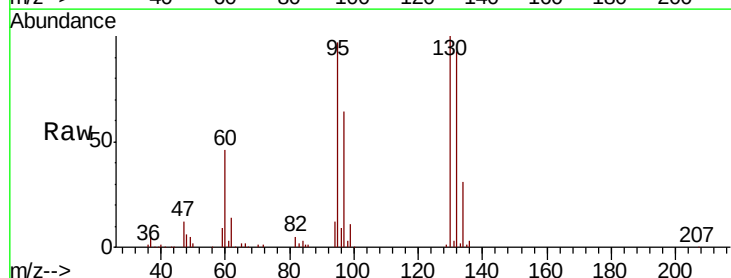
Acq: 18 Feb 2020 12:07

Tgt Ion:130 Resp: 47668

Ion Ratio Lower Upper

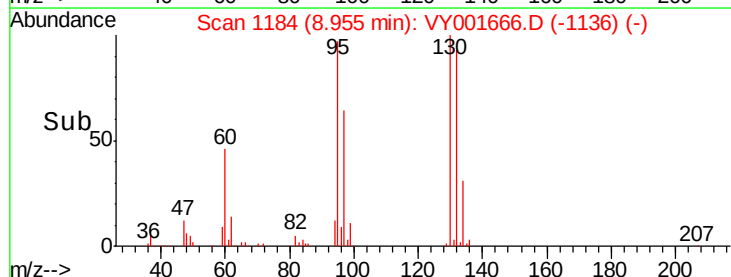
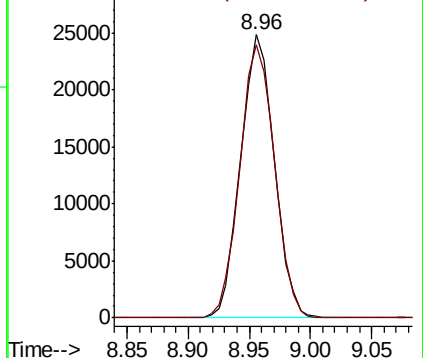
130 100

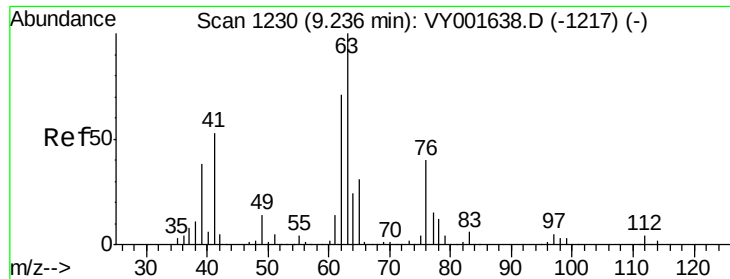
95 96.5 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): VY001666.D (-1184) (-)

Ion 94.90 (94.60 to 95.60): VY001666.D (-1184) (-)

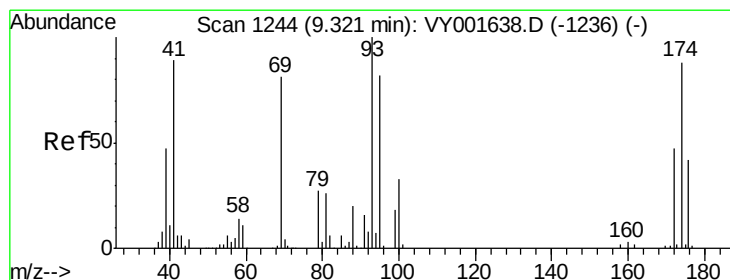
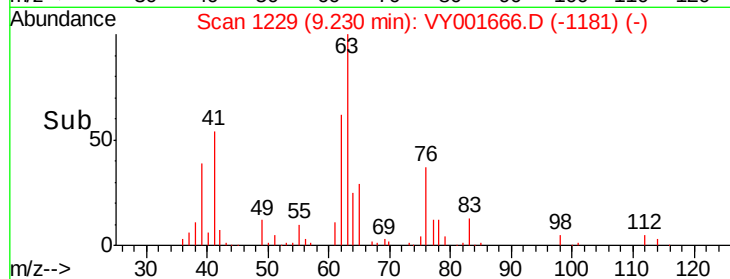
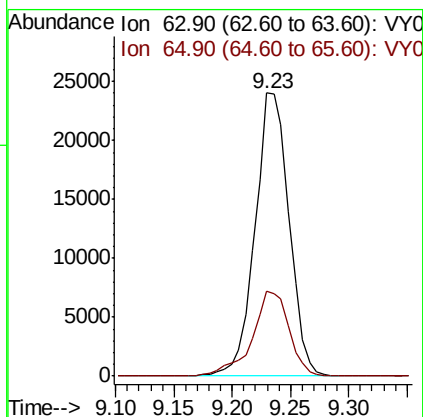
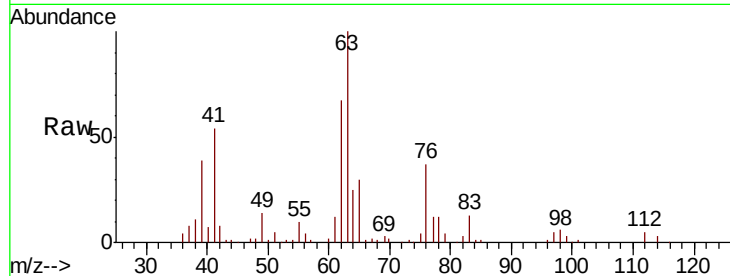




#45
 1,2-Dichloropropane
 Concen: 21.612 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

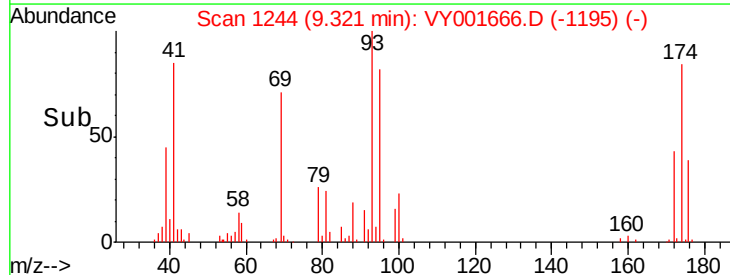
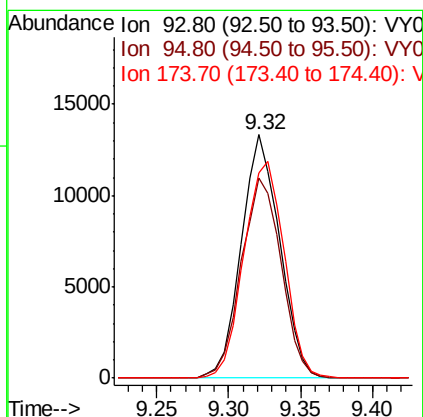
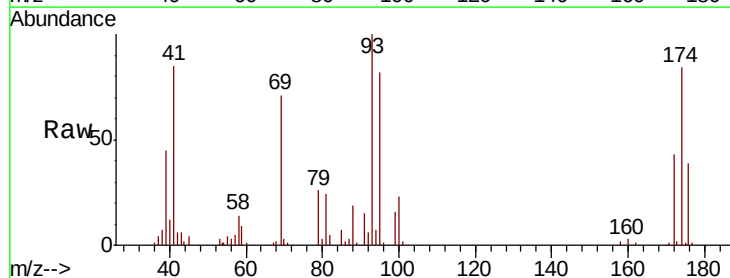
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBS01

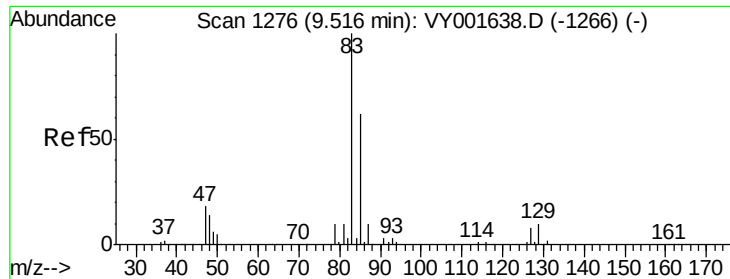
Tot Ion: 63 Resp: 48582
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.6 37.0



#46
 Dibromomethane
 Concen: 20.899 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

Tgt Ion: 93 Resp: 24572
 Ion Ratio Lower Upper
 93 100
 95 85.3 66.1 99.1
 174 93.4 72.5 108.7

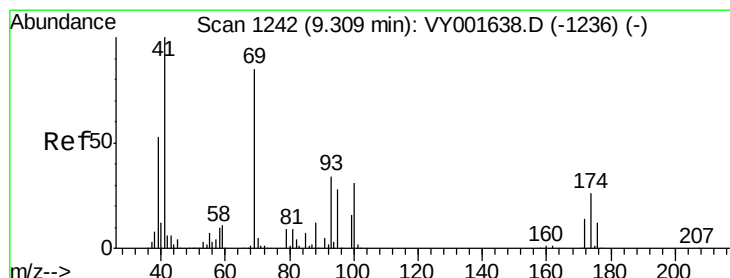
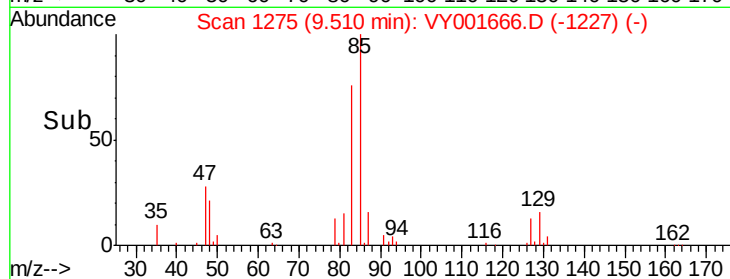
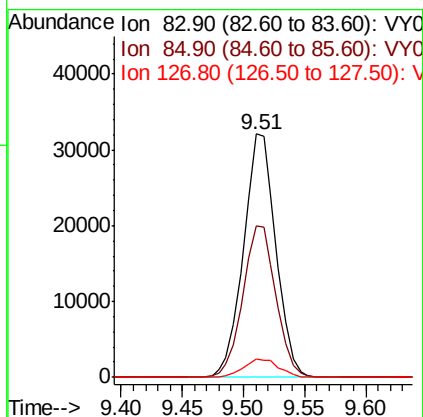
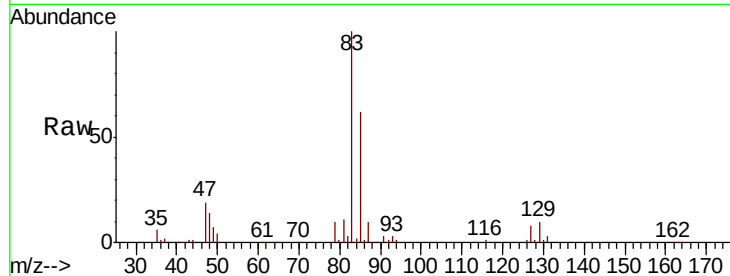




#47
Bromodichloromethane
Concen: 20.802 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

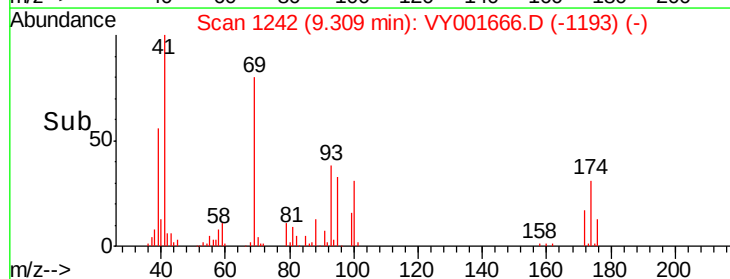
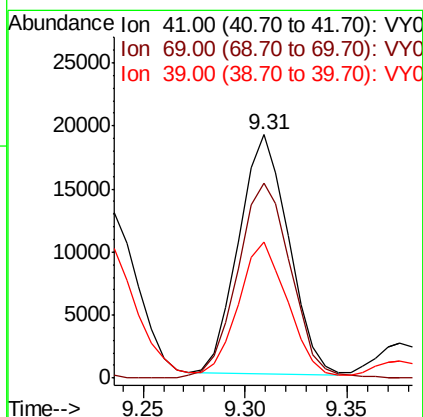
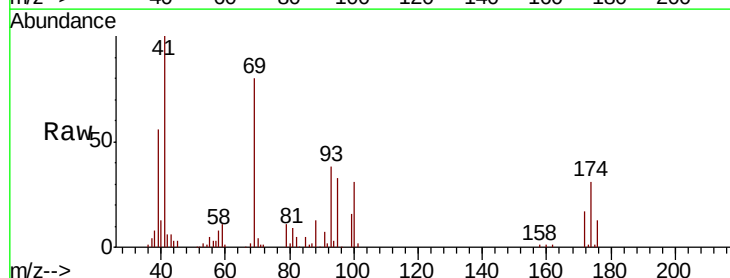
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBS01

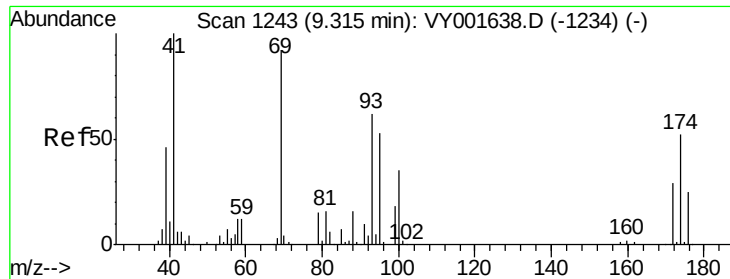
Tot Ion: 83 Resp: 59027
Ion Ratio Lower Upper
83 100
85 62.1 51.4 77.0
127 7.8 6.4 9.6



#48
Methyl methacrylate
Concen: 20.631 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Tgt Ion: 41 Resp: 32247
Ion Ratio Lower Upper
41 100
69 87.4 70.7 106.1
39 57.0 42.2 63.2

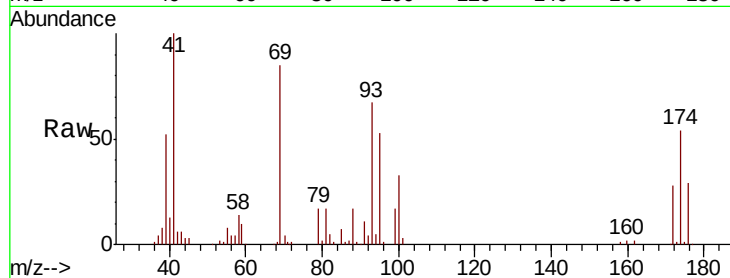




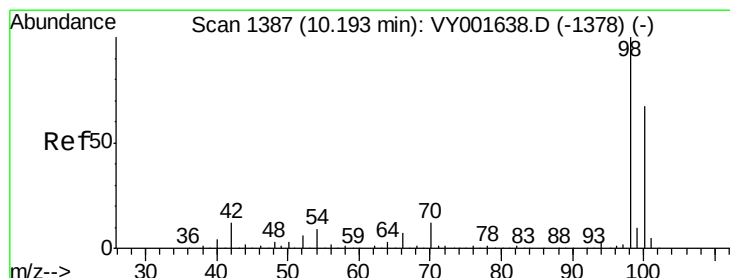
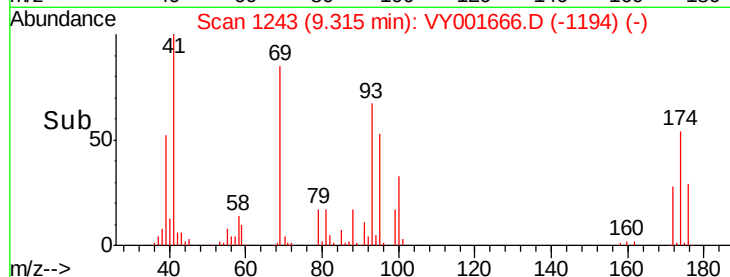
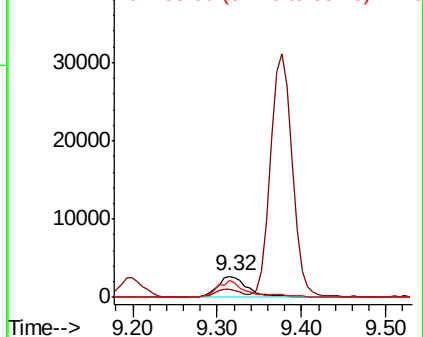
#49
 1,4-Dioxane
 Concen: 415.147 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBS01

Tot Ion: 88 Resp: 6894
 Ion Ratio Lower Upper
 88 100
 43 34.2 23.1 34.7
 58 68.2 58.1 87.1

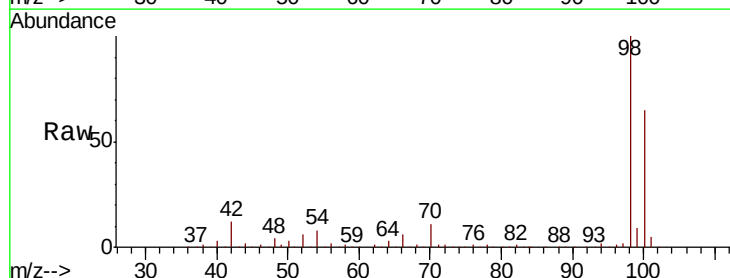


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

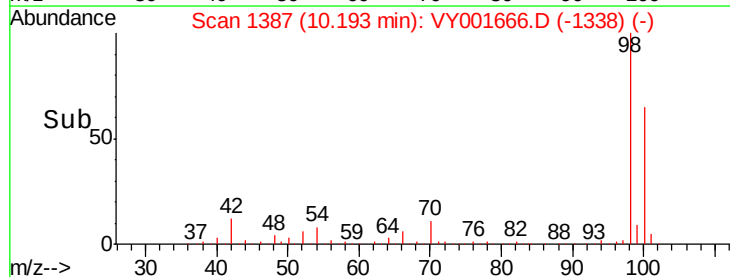
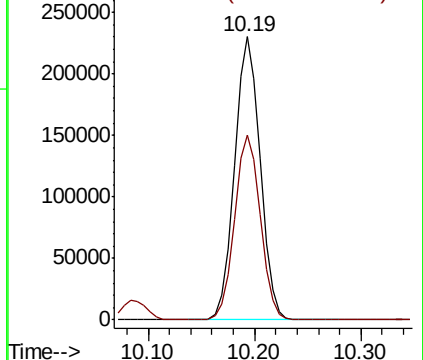


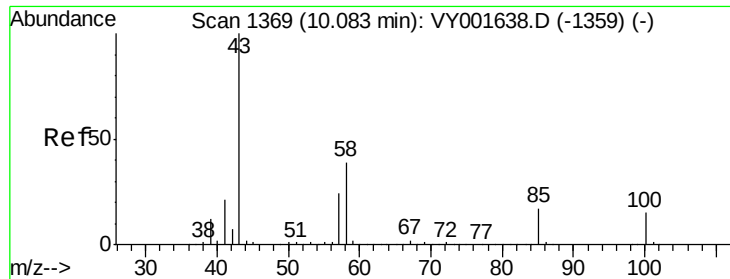
#50
 Toluene-d8
 Concen: 54.124 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

Tgt Ion: 98 Resp: 388039
 Ion Ratio Lower Upper
 98 100
 100 65.7 53.0 79.4



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

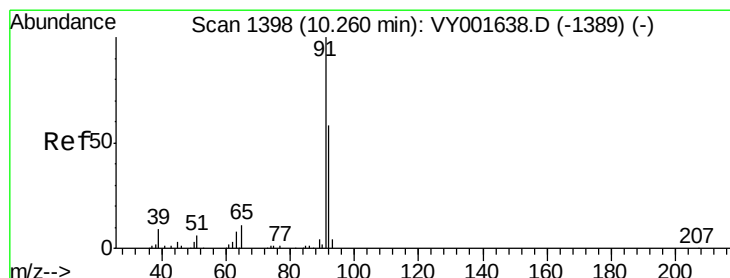
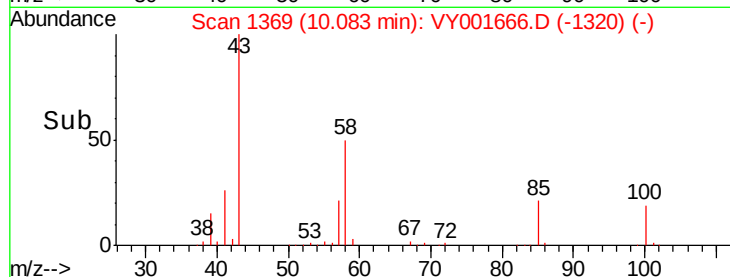
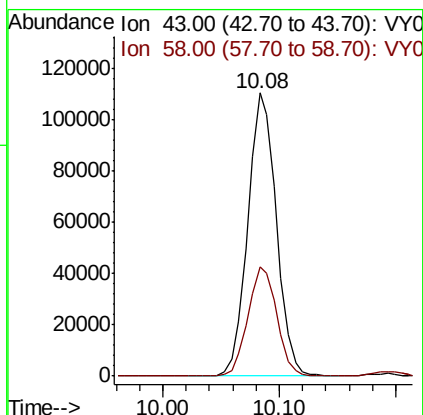
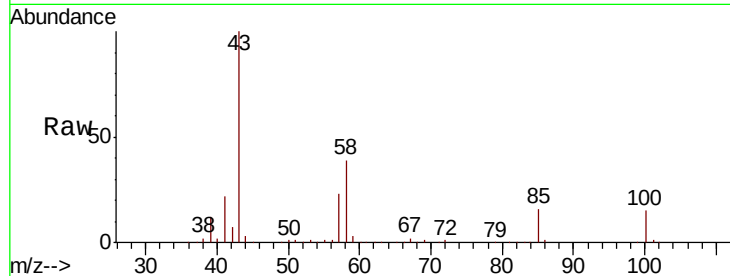




#51
4-Methyl-2-Pentanone
Concen: 105.662 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

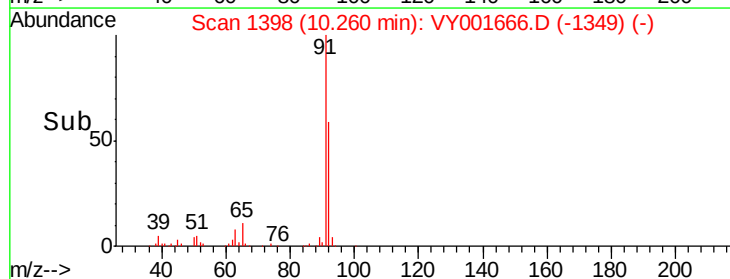
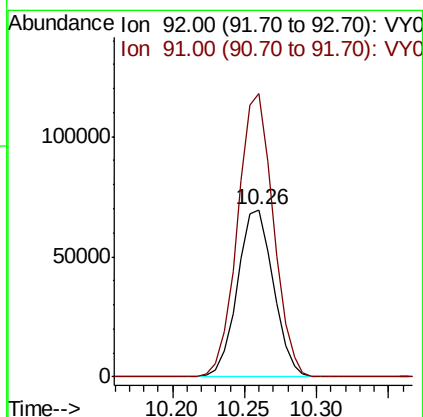
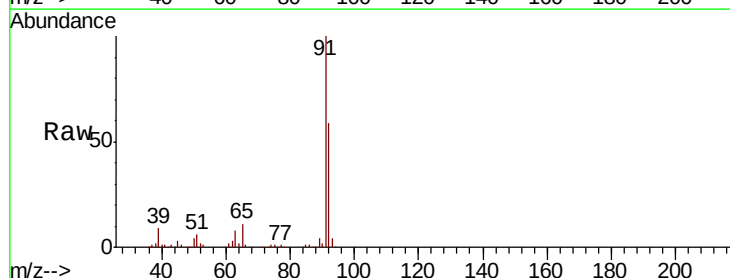
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBS01

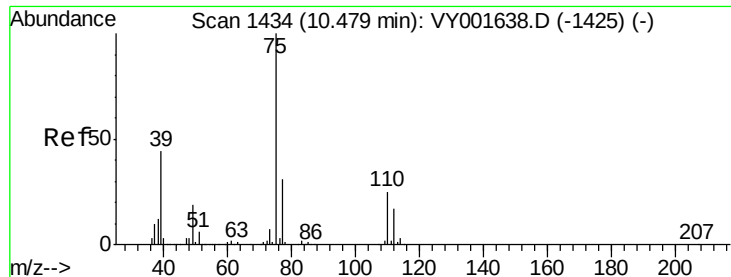
Tot Ion: 43 Resp: 187627
Ion Ratio Lower Upper
43 100
58 39.1 32.2 48.4



#52
Toluene
Concen: 21.484 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Tgt Ion: 92 Resp: 120285
Ion Ratio Lower Upper
92 100
91 168.8 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 21.034 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

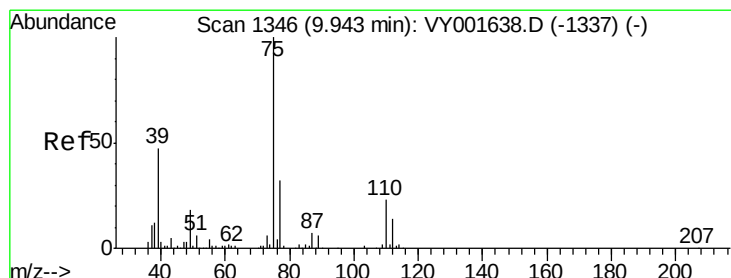
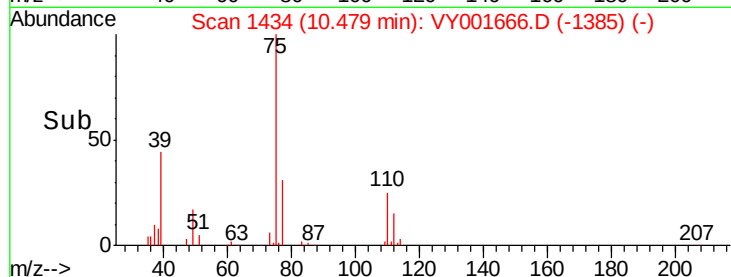
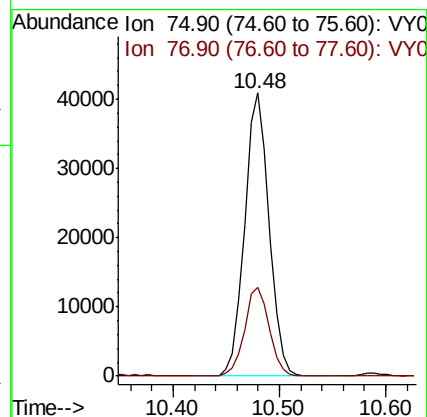
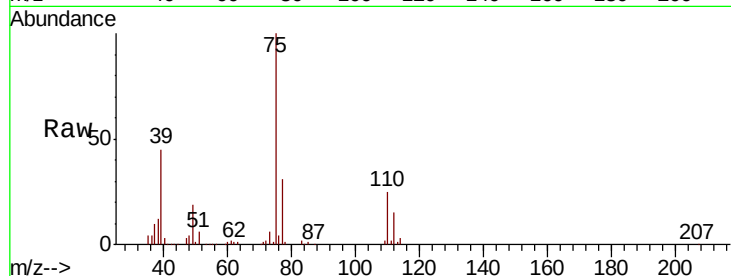
VY0218SBS01

Tot Ion: 75 Resp: 65984

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.100 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

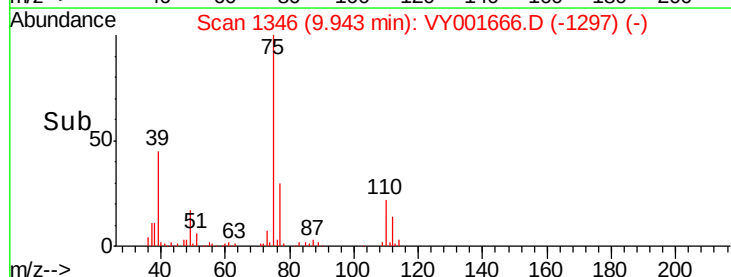
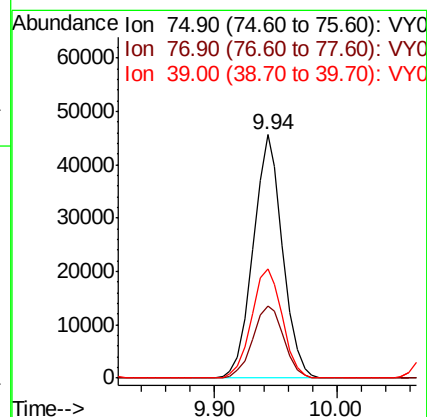
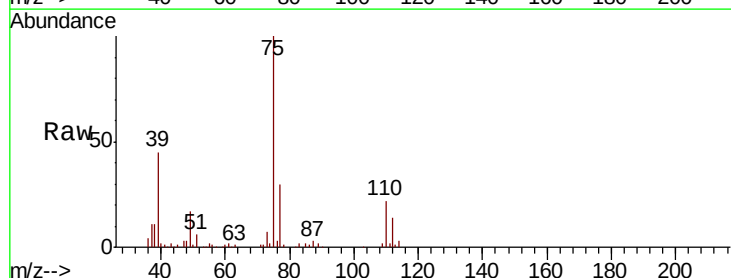
Tgt Ion: 75 Resp: 76182

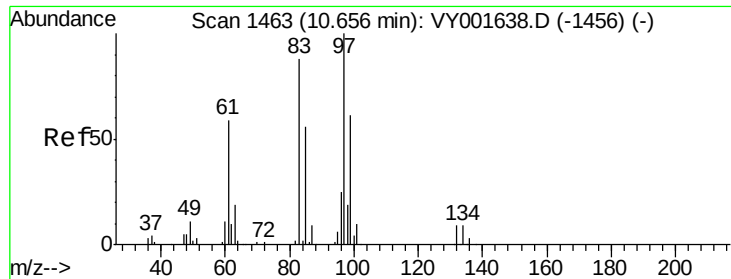
Ion Ratio Lower Upper

75 100

77 29.6 25.7 38.5

39 44.9 35.7 53.5

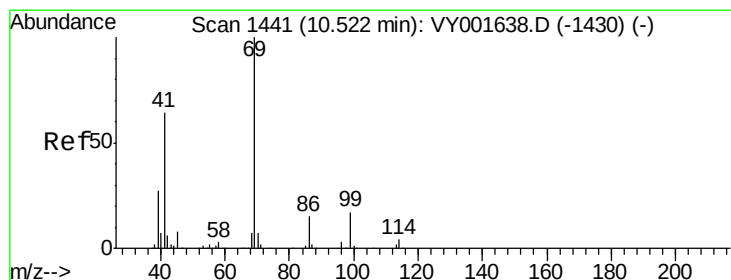
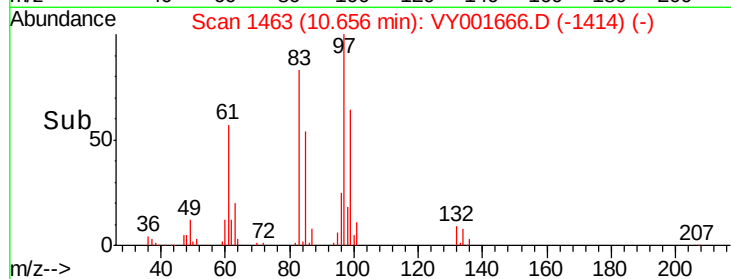
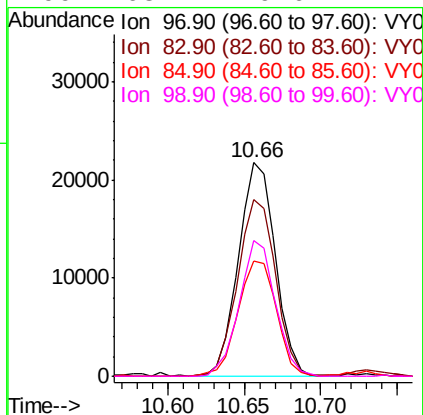
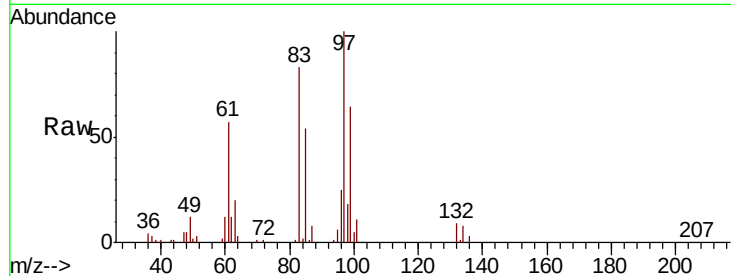




#55
 1,1,2-Trichloroethane
 Concen: 21.072 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

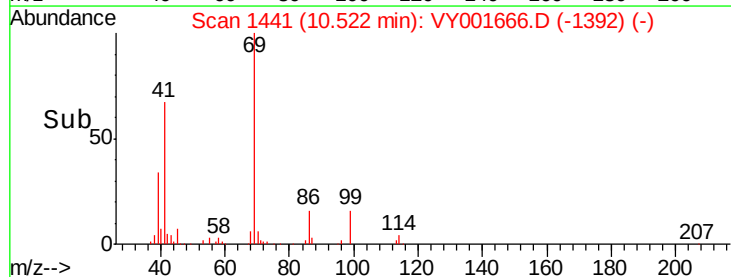
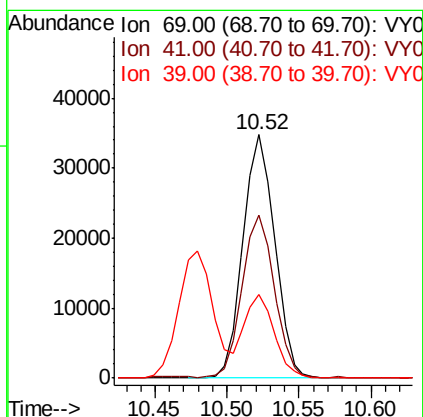
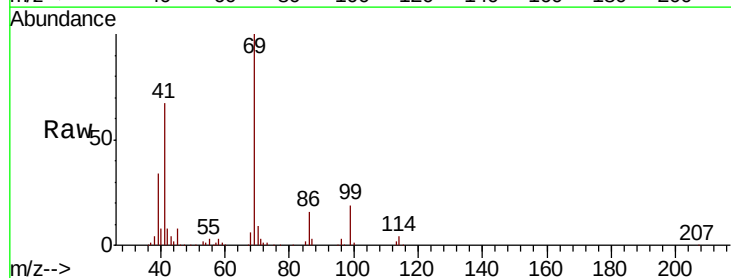
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBS01

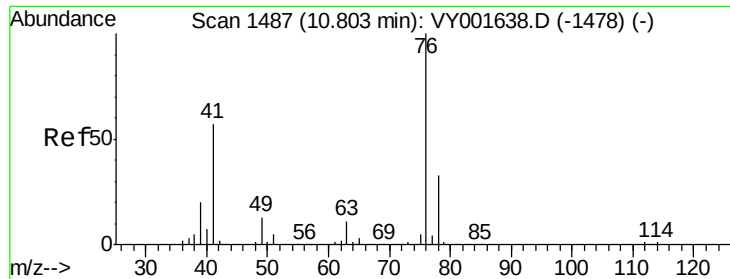
Tot Ion:	97	Resp:	36532
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.7	104.5
85	53.8	44.5	66.7
99	63.7	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 20.528 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

Tgt Ion:	69	Resp:	53389
Ion	Ratio	Lower	Upper
69	100		
41	68.5	51.0	76.4
39	32.1	24.7	37.1





#57

1,3-Dichloropropane

Concen: 21.123 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

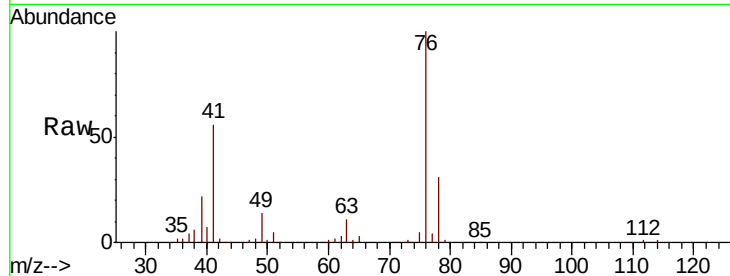
VY0218SBS01

Tot Ion: 76 Resp: 65069

Ion Ratio Lower Upper

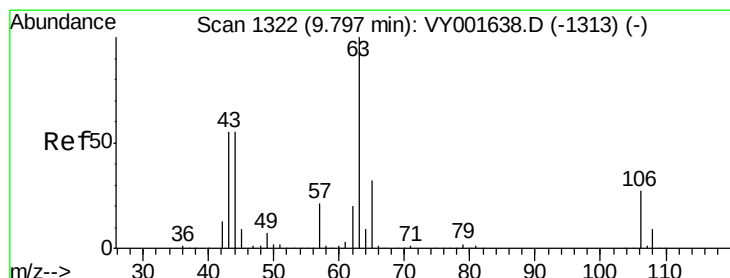
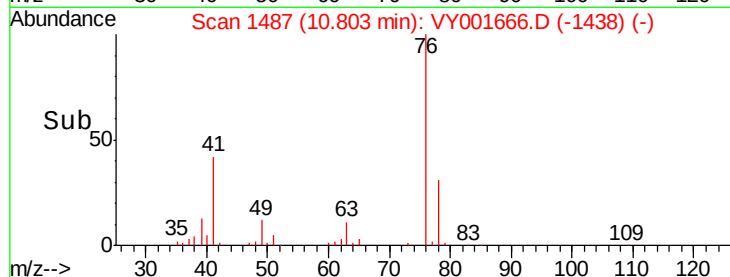
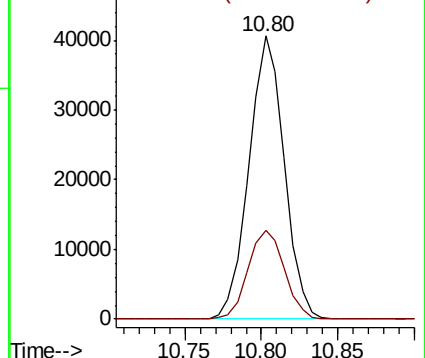
76 100

78 32.4 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 128.415 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001666.D

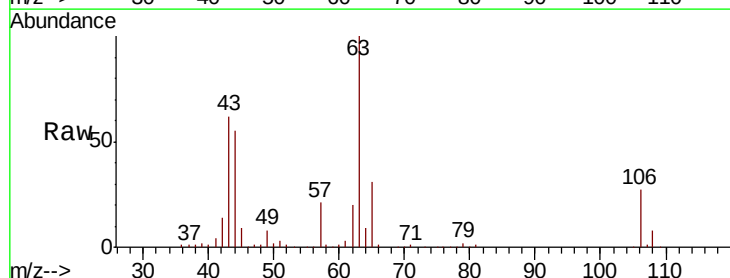
Acq: 18 Feb 2020 12:07

Tgt Ion: 63 Resp: 134699

Ion Ratio Lower Upper

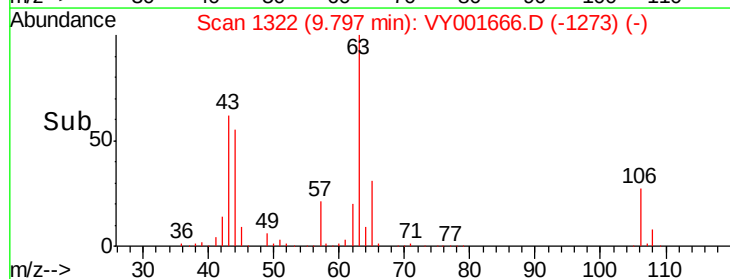
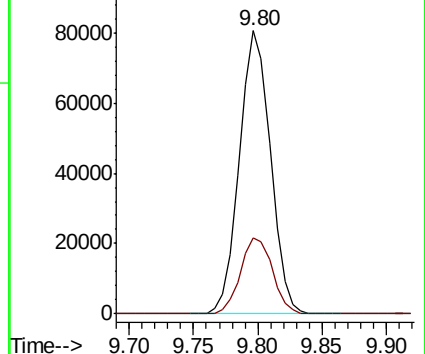
63 100

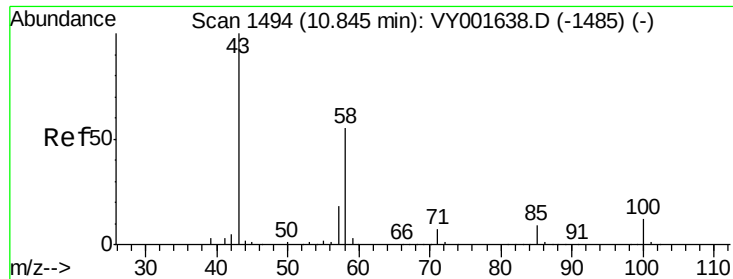
106 27.5 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

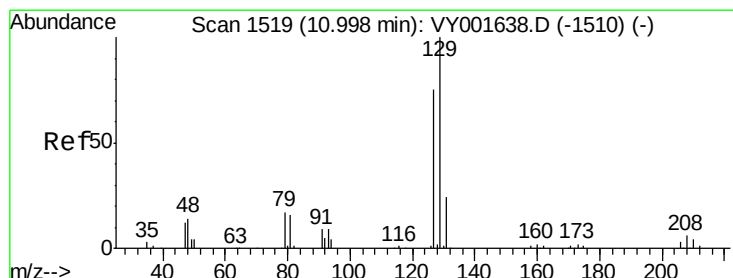
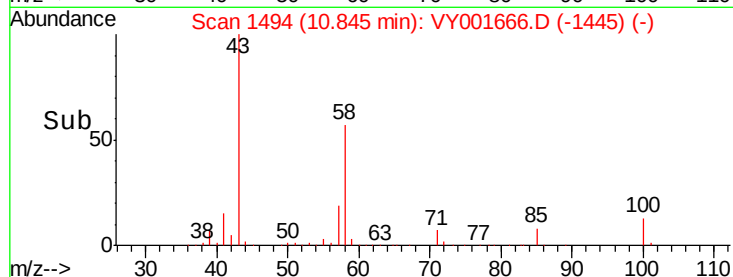
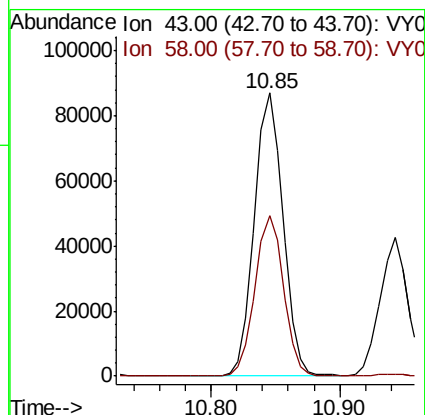
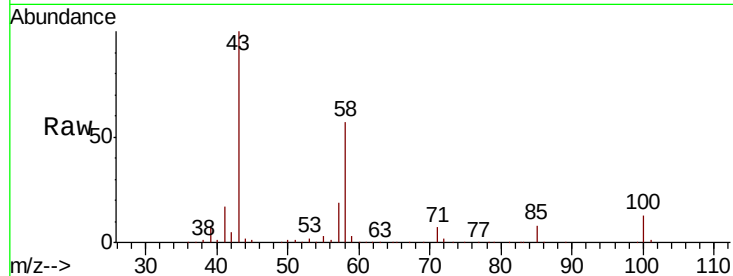




#59
2-Hexanone
Concen: 100.618 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

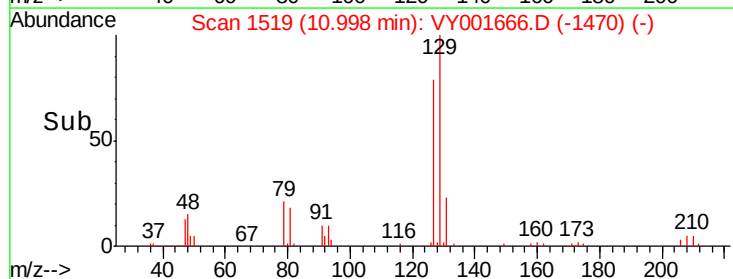
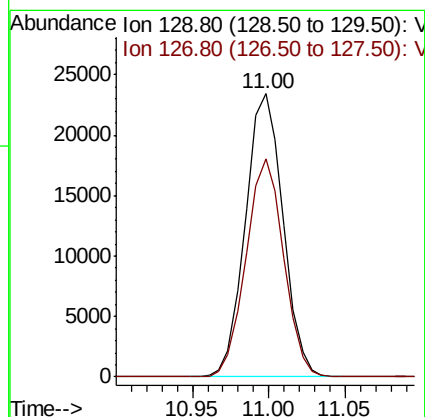
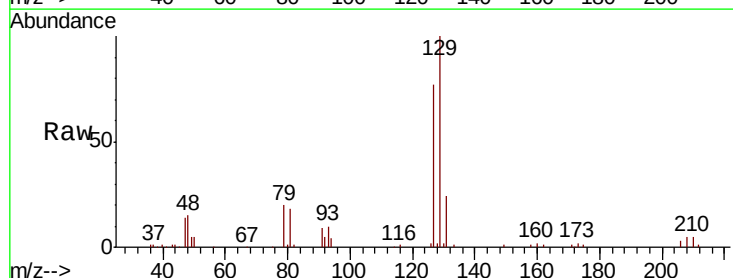
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBS01

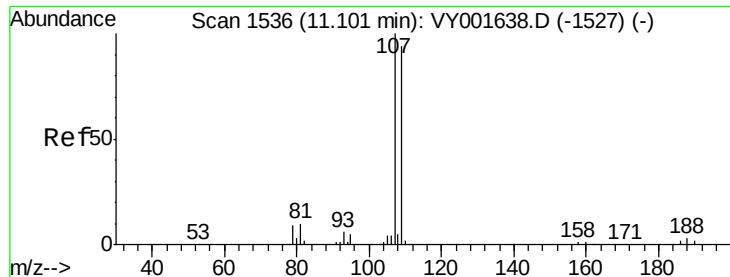
Tot Ion: 43 Resp: 134059
Ion Ratio Lower Upper
43 100
58 56.4 28.4 85.2



#60
Dibromochloromethane
Concen: 20.926 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Tgt Ion:129 Resp: 39998
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.6

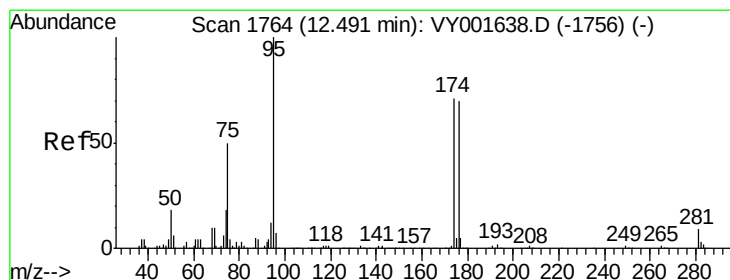
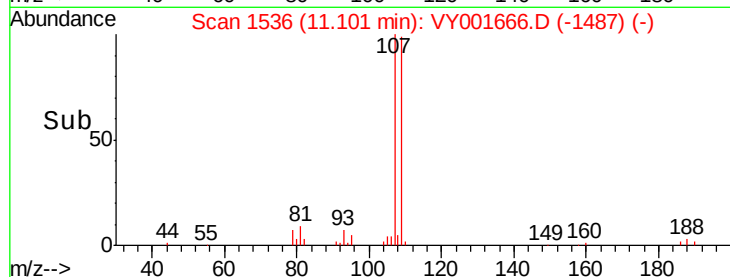
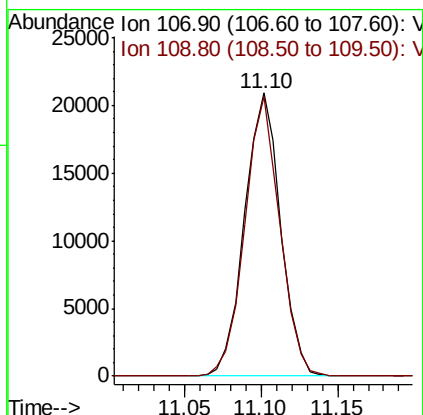
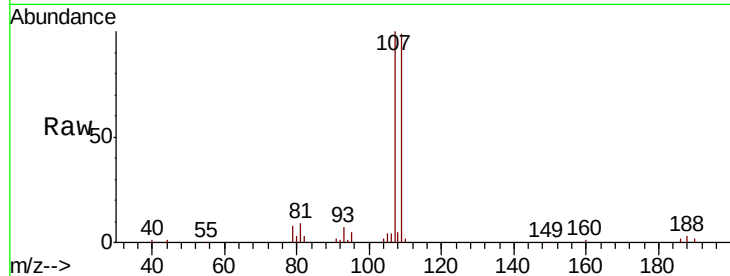




#61
 1,2-Dibromoethane
 Concen: 20.829 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

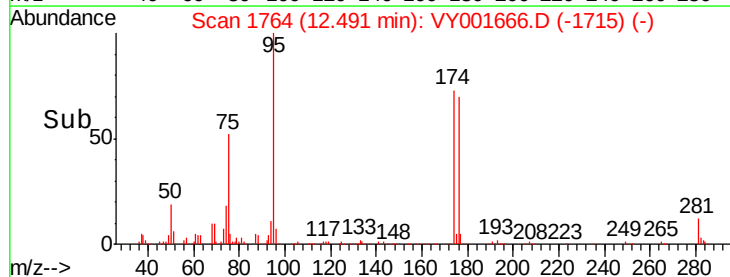
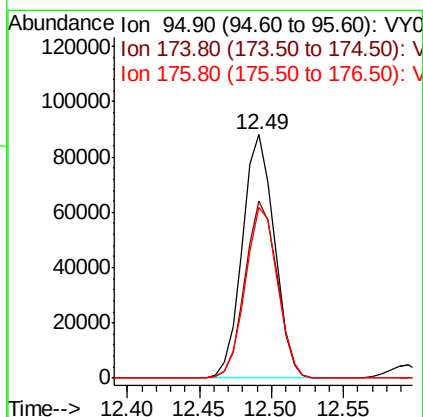
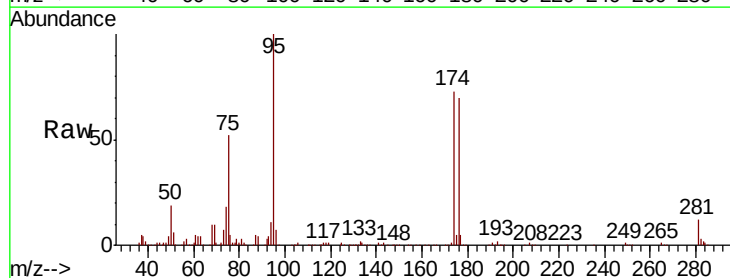
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBS01

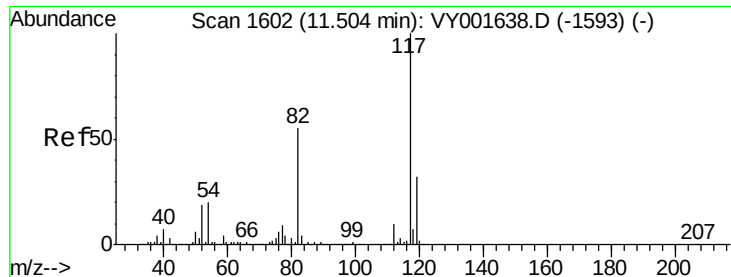
Tot Ion:107 Resp: 34143
 Ion Ratio Lower Upper
 107 100
 109 96.2 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 48.689 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

Tgt Ion: 95 Resp: 135612
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 138.4
 176 70.7 0.0 131.8

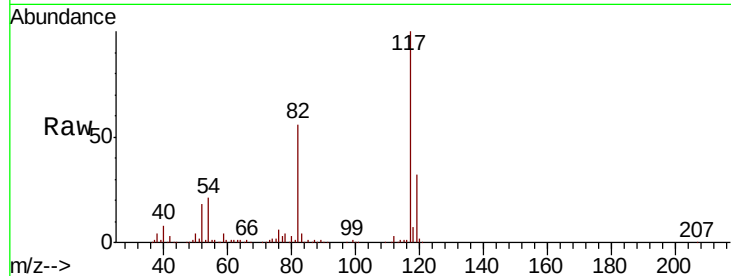




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.5	68.3
119	32.4	25.8	38.6

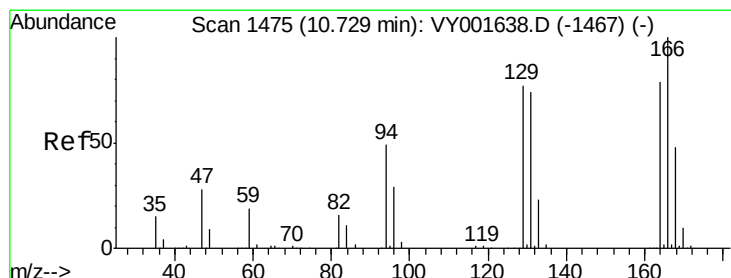
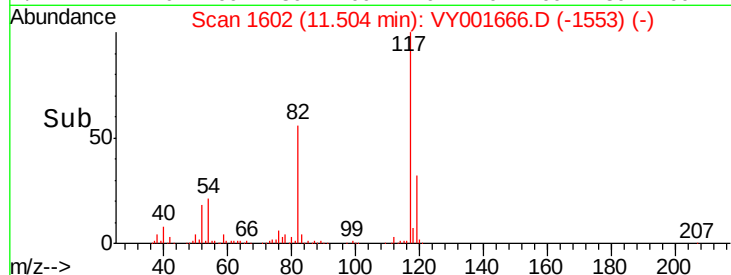
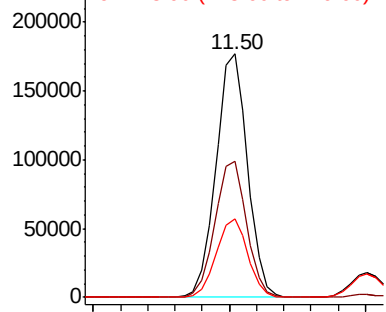


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.610 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	101.4	152.0
129	96.8	78.7	118.1
131	91.4	76.0	114.0

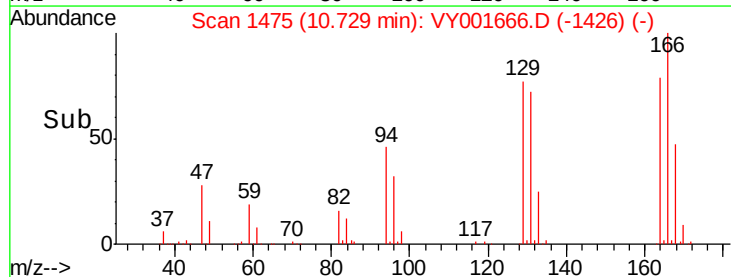
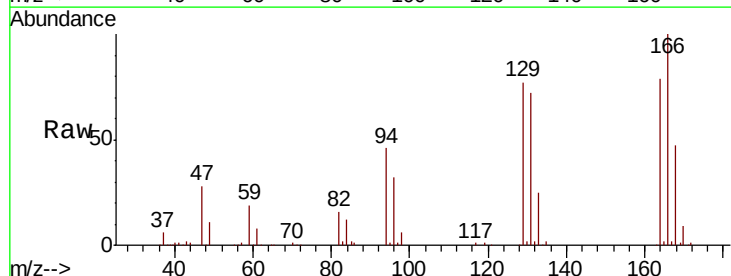
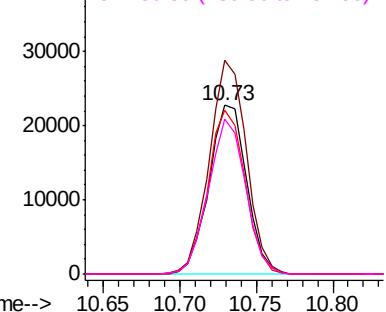
Abundance

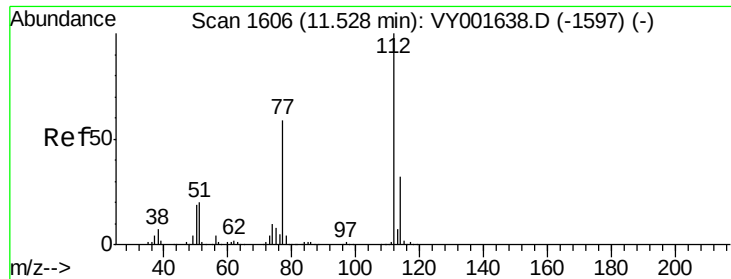
Ion 163.80 (163.50 to 164.50): V

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

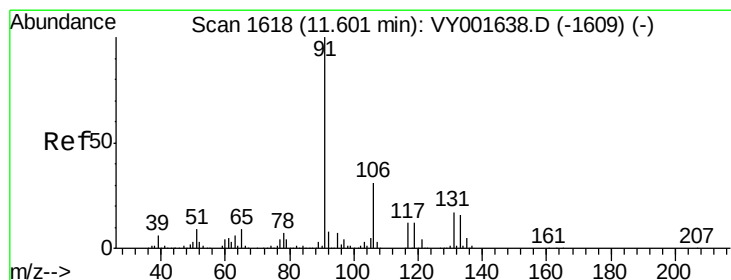
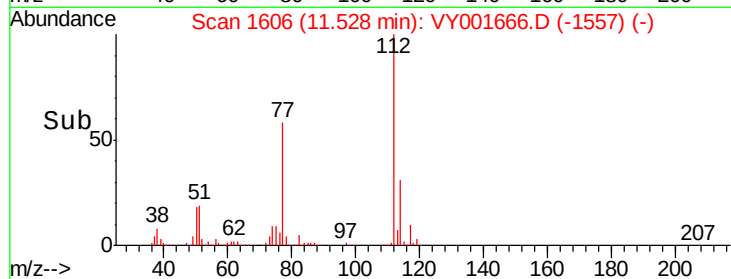
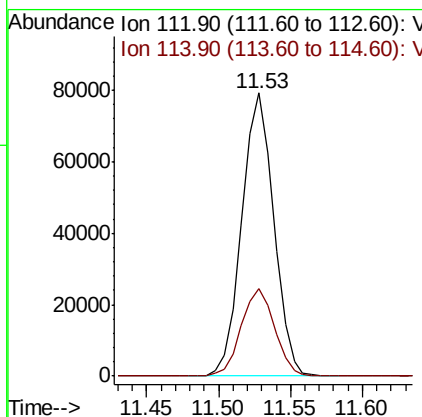
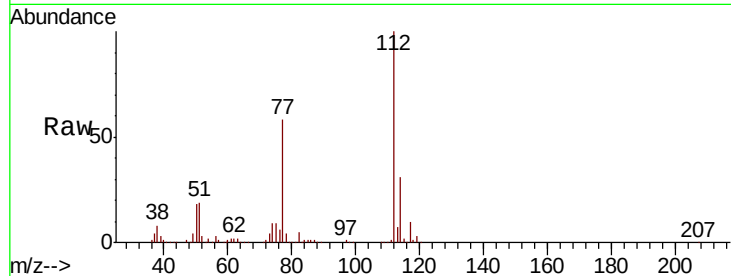




#65
Chlorobenzene
Concen: 21.354 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

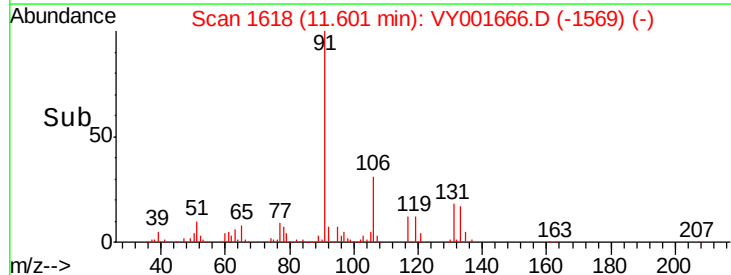
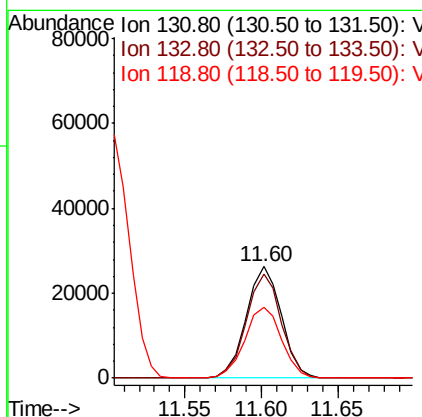
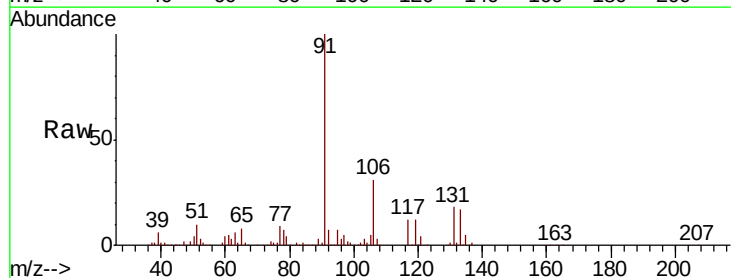
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBS01

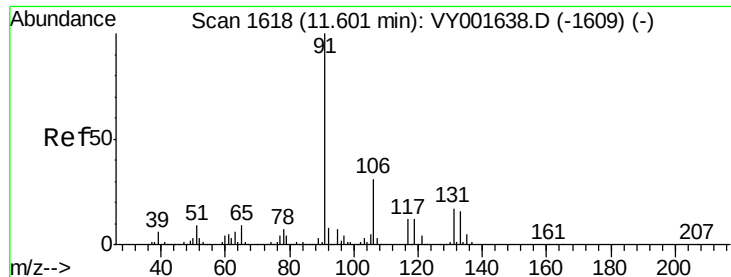
Tot Ion:112 Resp: 122009
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.677 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Tgt Ion:131 Resp: 41781
Ion Ratio Lower Upper
131 100
133 93.6 47.4 142.2
119 66.4 34.4 103.1

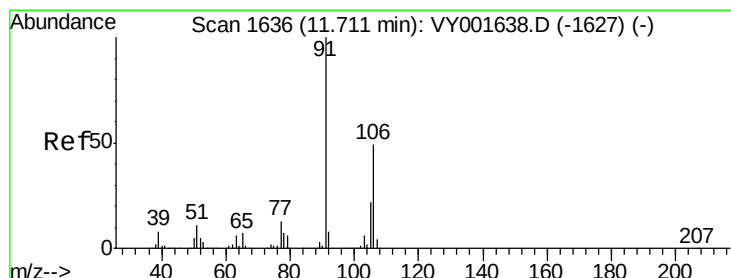
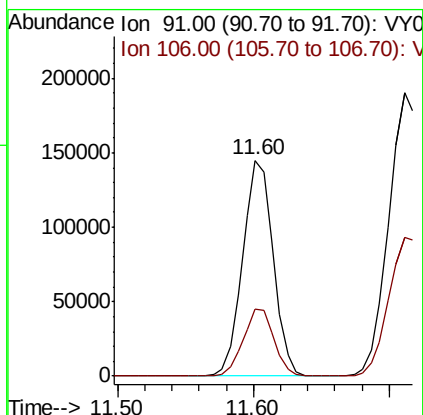
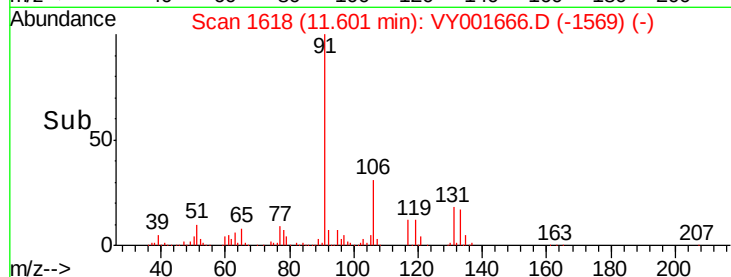
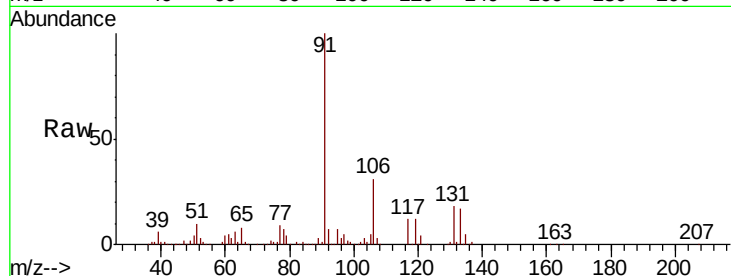




#67
Ethyl Benzene
Concen: 21.447 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

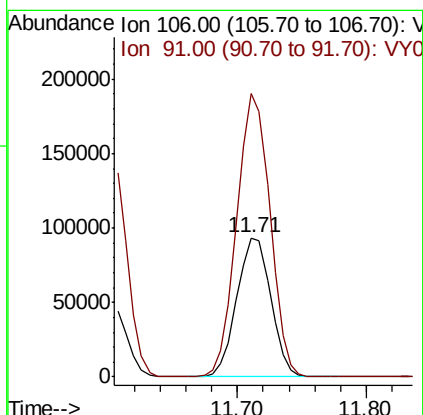
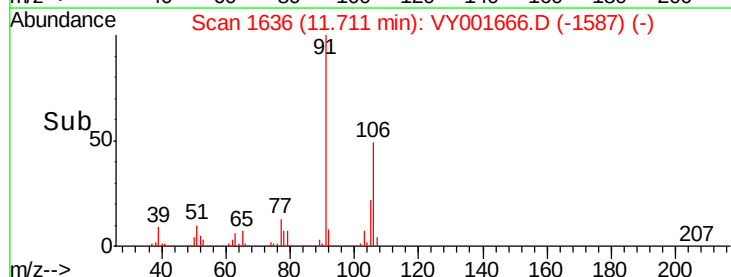
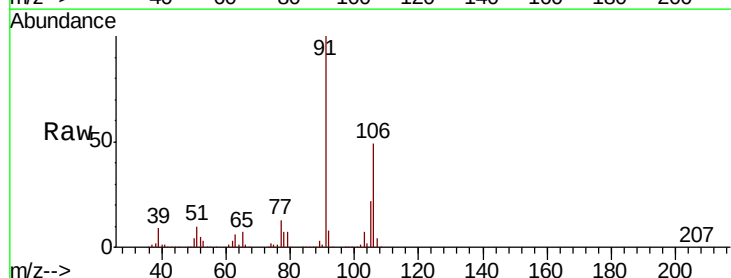
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBS01

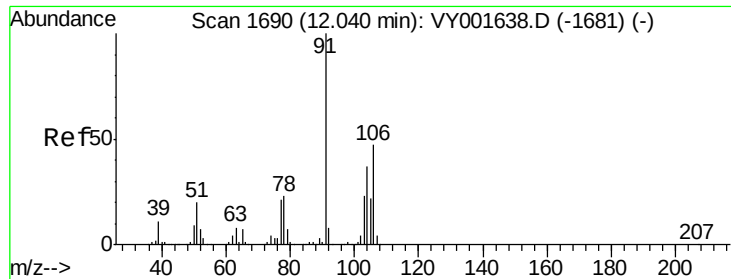
Tot Ion: 91 Resp: 227406
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7



#68
m/p-Xylenes
Concen: 43.154 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Tgt Ion: 106 Resp: 170923
Ion Ratio Lower Upper
106 100
91 199.8 163.3 244.9

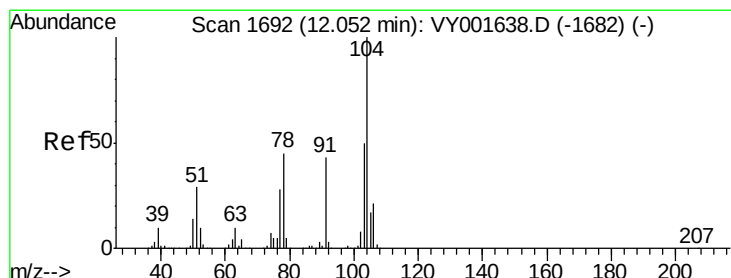
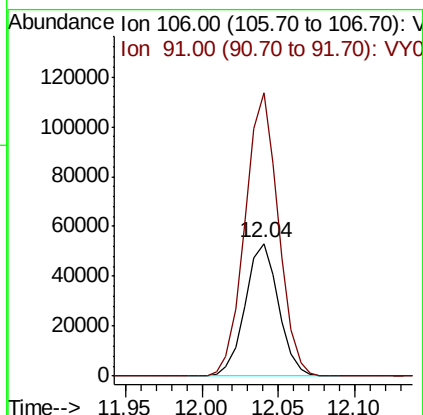
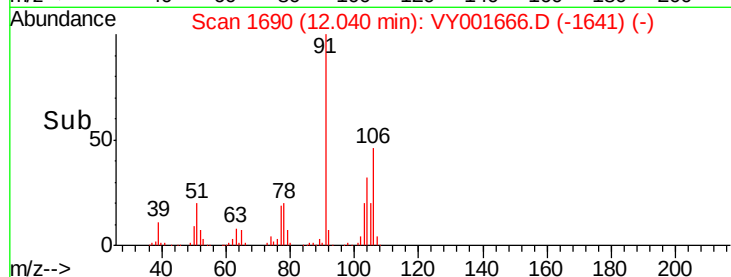
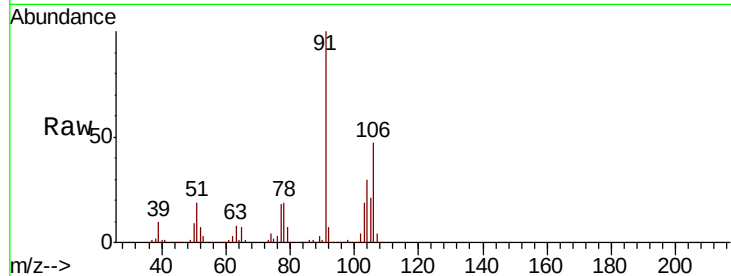




#69
o-Xylene
Concen: 21.302 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

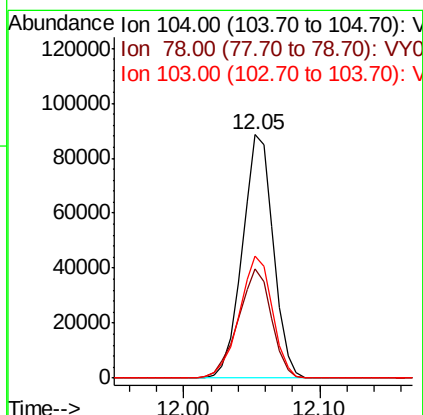
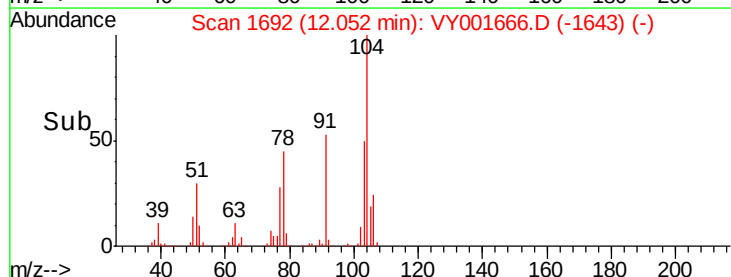
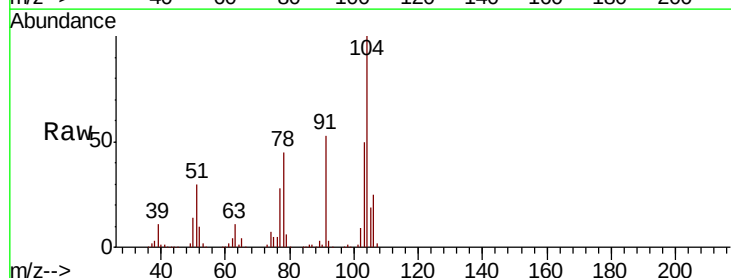
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBS01

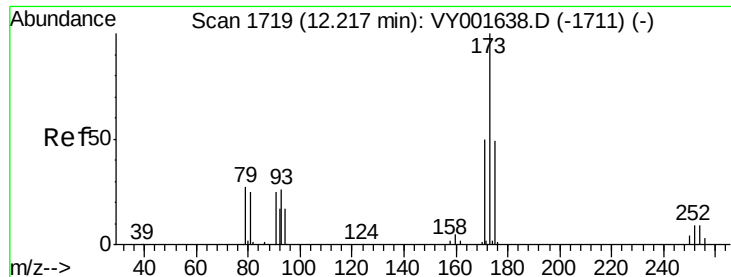
Tot Ion:106 Resp: 80212
Ion Ratio Lower Upper
106 100
91 213.7 108.3 324.9



#70
Styrene
Concen: 21.428 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Tgt Ion:104 Resp: 140225
Ion Ratio Lower Upper
104 100
78 48.3 39.2 58.8
103 53.6 43.0 64.6





#71

Bromoform

Concen: 20.610 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0218SBS01

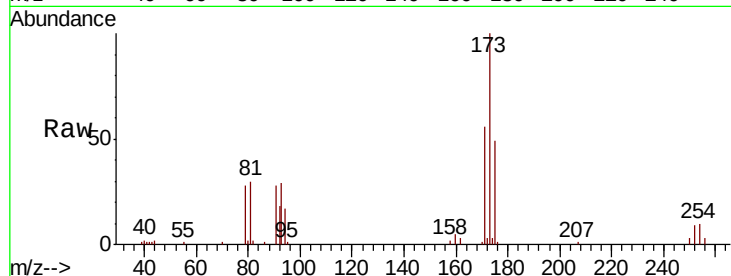
Tot Ion:173 Resp: 22701

Ion Ratio Lower Upper

173 100

175 47.5 24.3 73.0

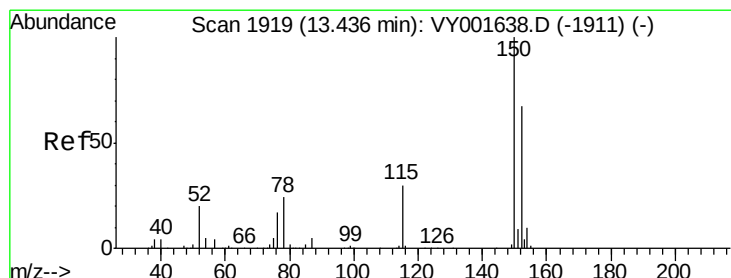
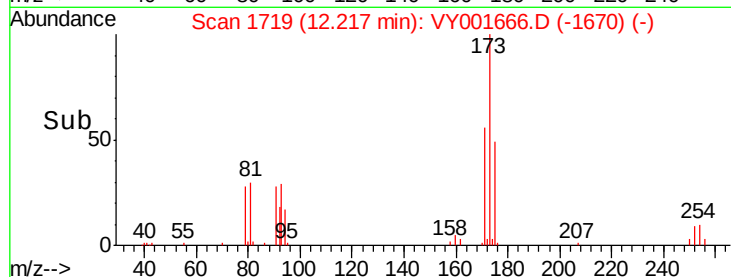
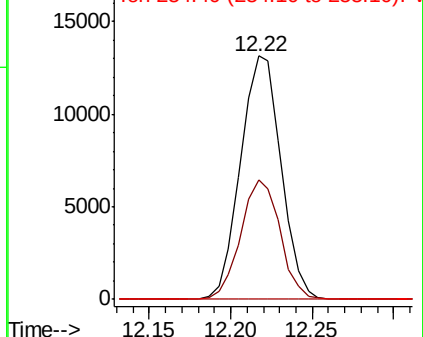
254 0.0 0.1 0.1#



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: VY001666.D

Acq: 18 Feb 2020 12:07

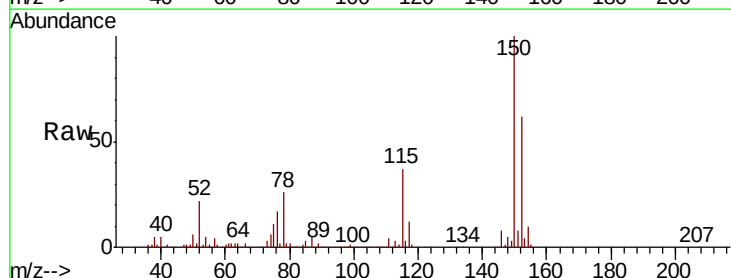
Tgt Ion:152 Resp: 133464

Ion Ratio Lower Upper

152 100

115 61.3 31.4 94.2

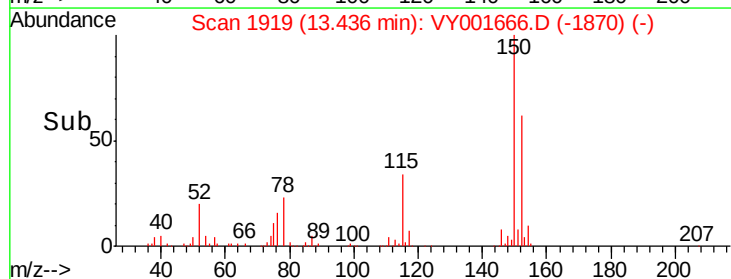
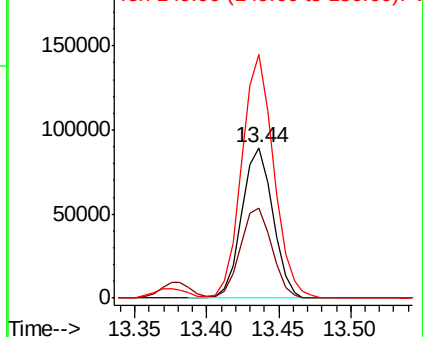
150 166.9 0.0 407.2

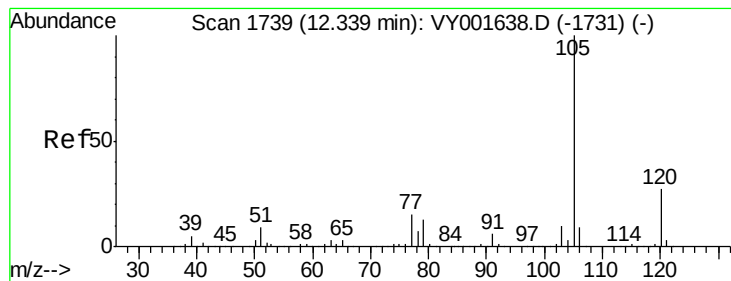


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.377 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

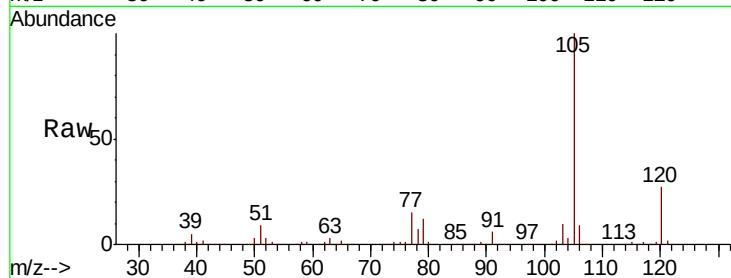
VY0218SBS01

Tot Ion:105 Resp: 217349

Ion Ratio Lower Upper

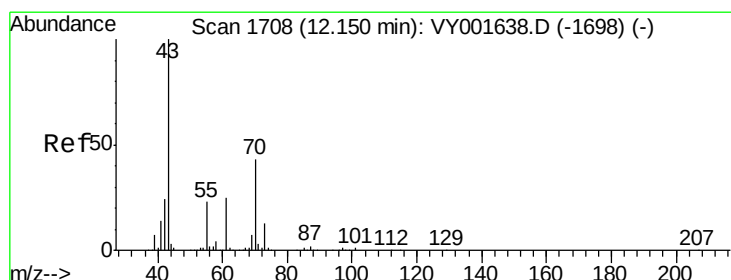
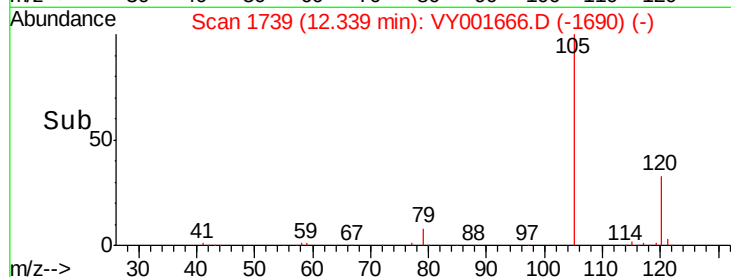
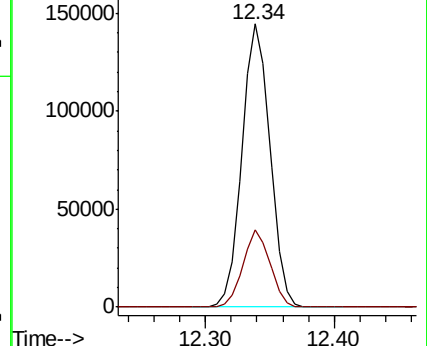
105 100

120 26.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.739 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Tgt Ion: 43 Resp: 67295

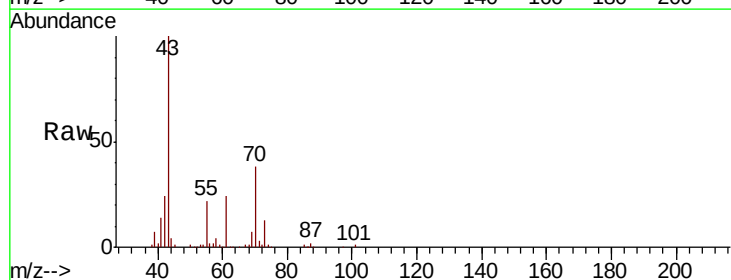
Ion Ratio Lower Upper

43 100

70 41.1 35.9 53.9

55 23.2 18.3 27.5

61 24.3 20.7 31.1

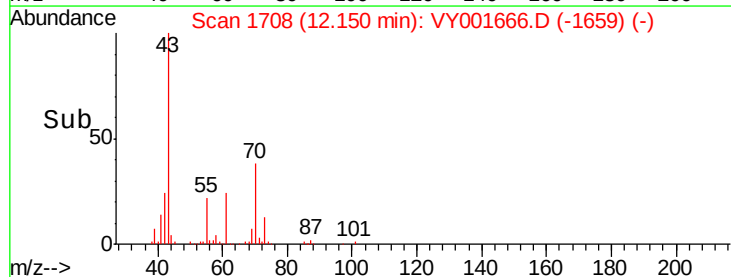
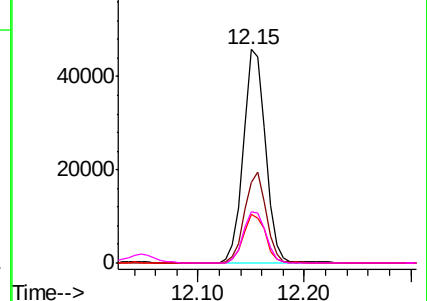


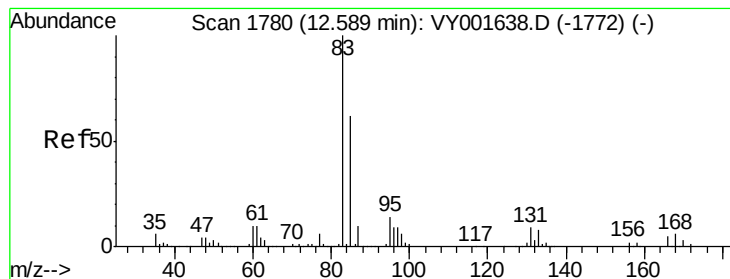
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 20.446 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0218SBS01

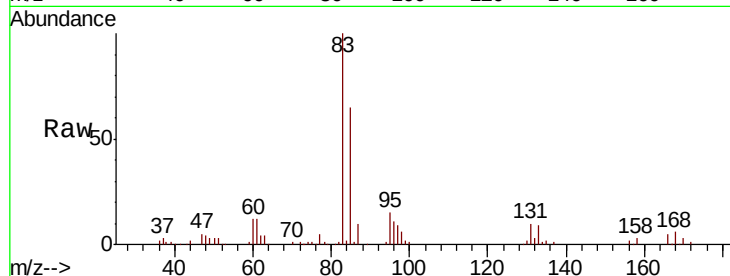
Tot Ion: 83 Resp: 44388

Ion Ratio Lower Upper

83 100

131 10.1 4.7 14.1

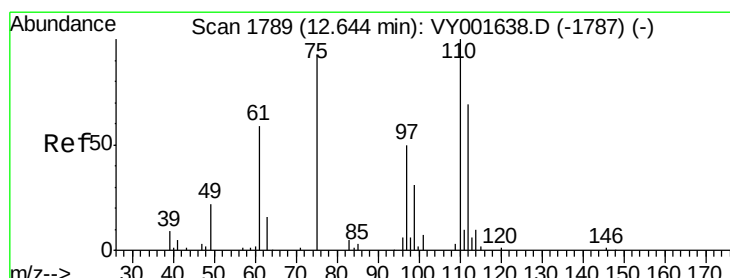
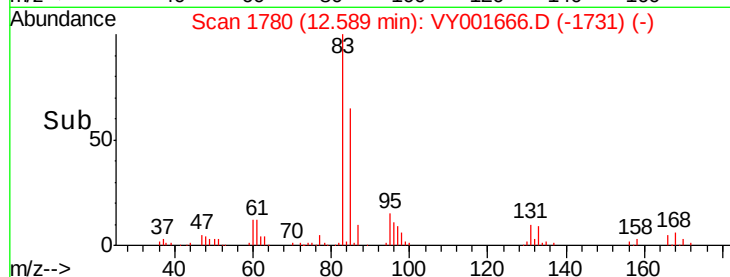
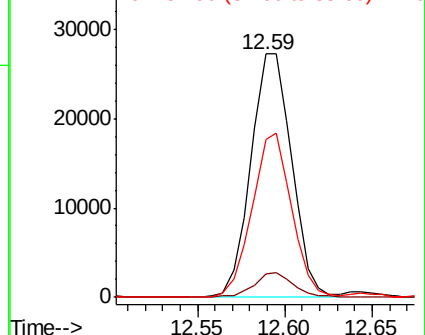
85 64.9 31.6 94.7



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: 38.434 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001666.D

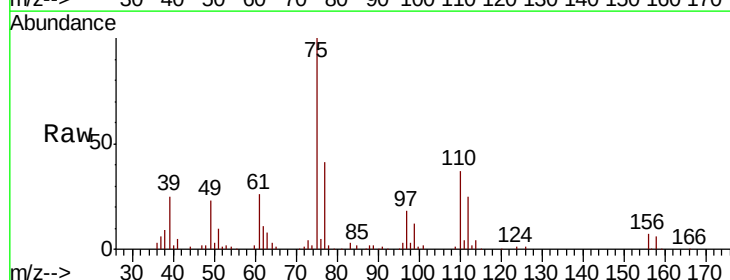
Acq: 18 Feb 2020 12:07

Tgt Ion: 75 Resp: 58843

Ion Ratio Lower Upper

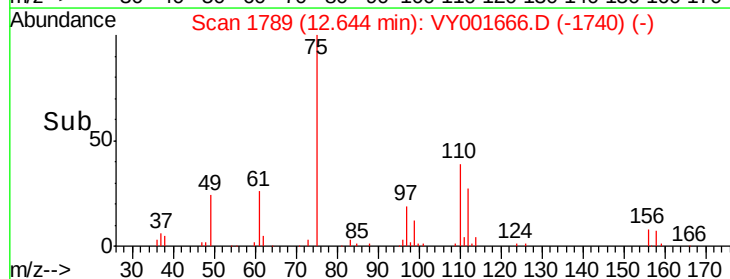
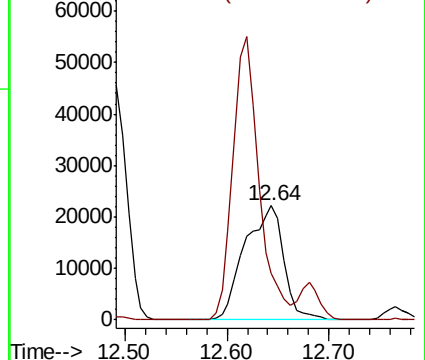
75 100

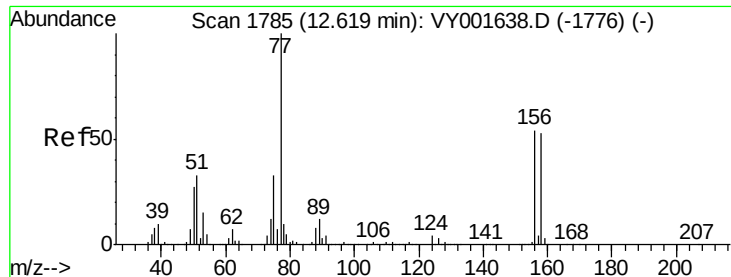
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.560 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0218SBS01

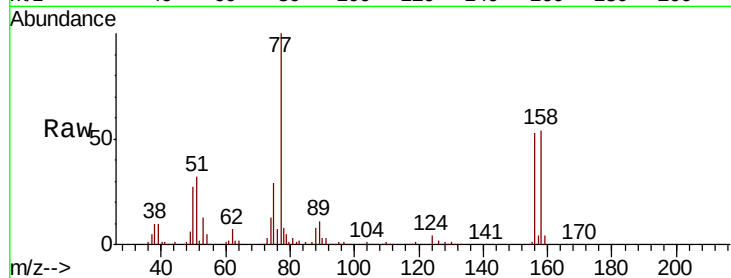
Tot Ion:156 Resp: 47522

Ion Ratio Lower Upper

156 100

77 206.0 110.1 330.1

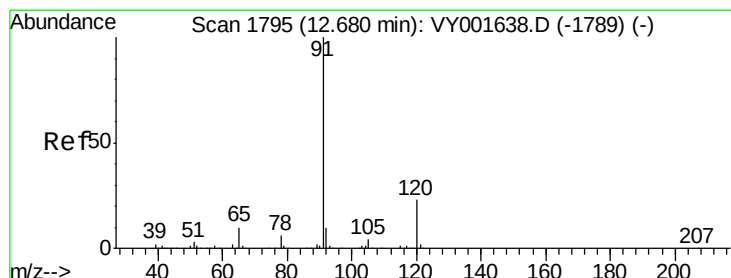
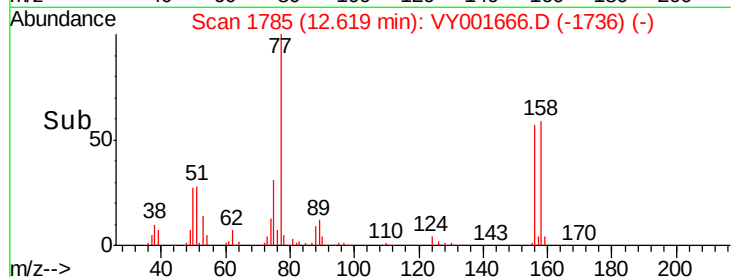
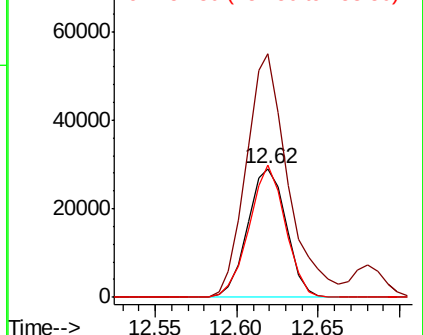
158 97.0 47.9 143.7



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: 21.536 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001666.D

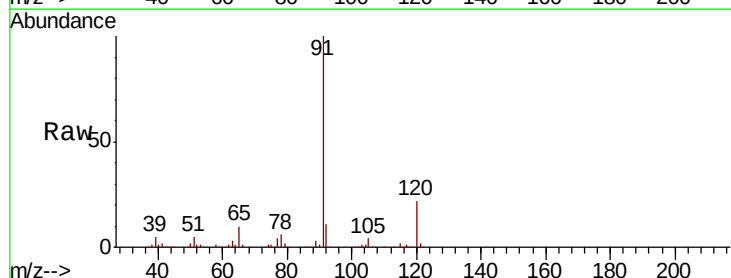
Acq: 18 Feb 2020 12:07

Tgt Ion: 91 Resp: 266687

Ion Ratio Lower Upper

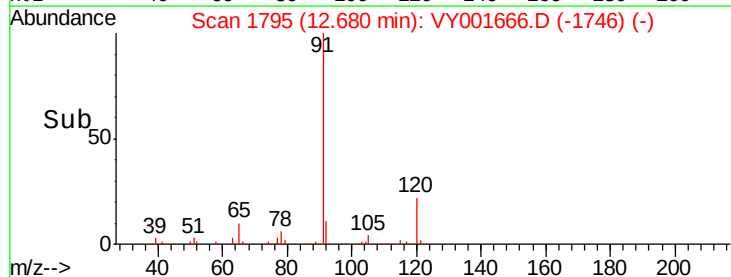
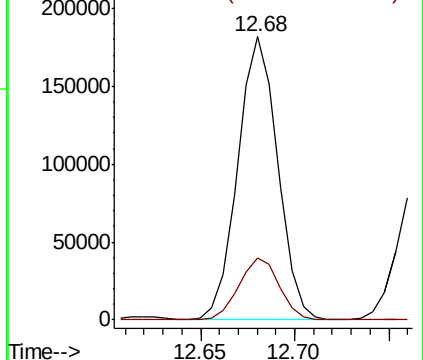
91 100

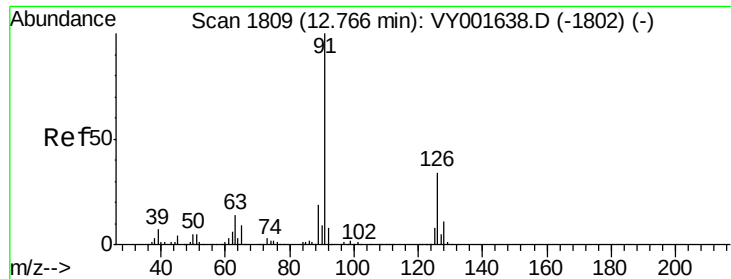
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

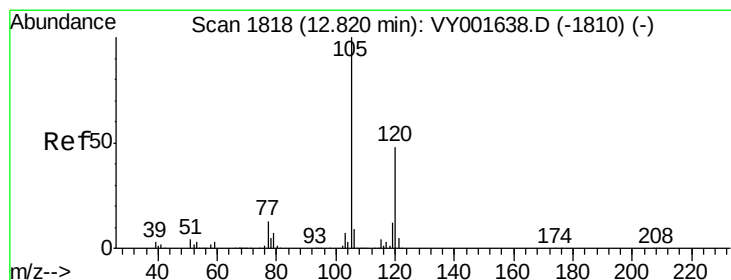
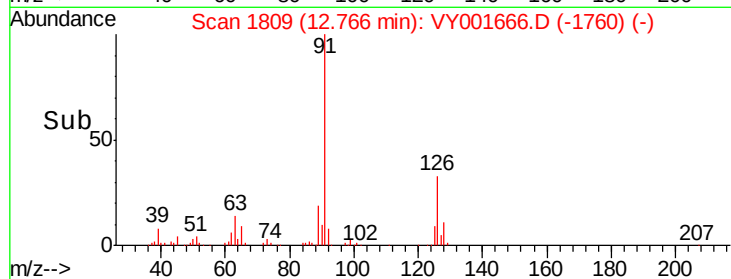
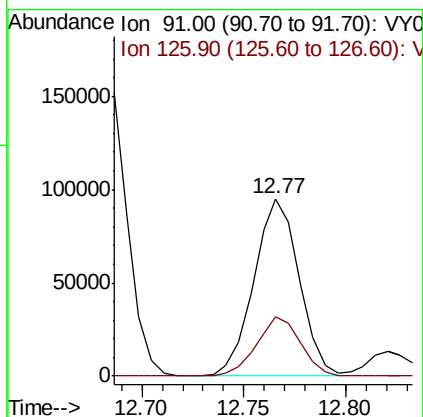
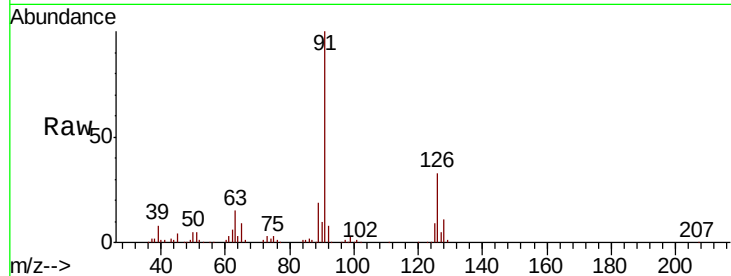




#79
 2-Chlorotoluene
 Concen: 21.104 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

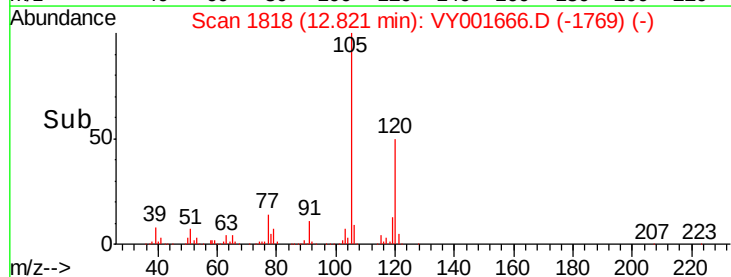
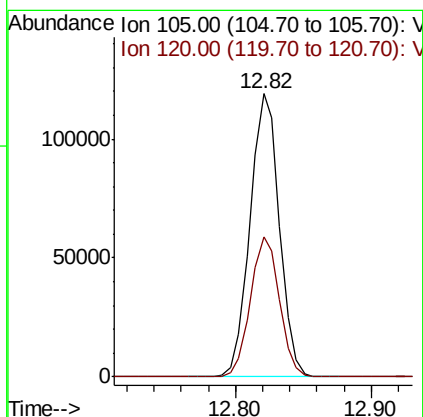
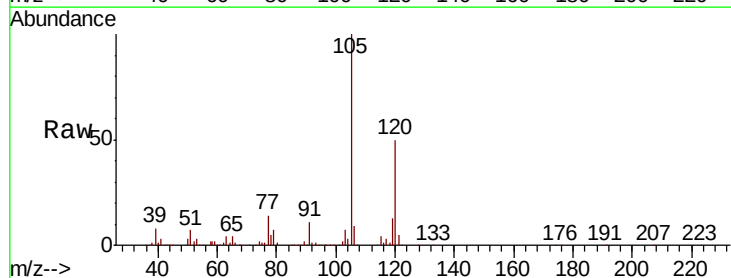
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBS01

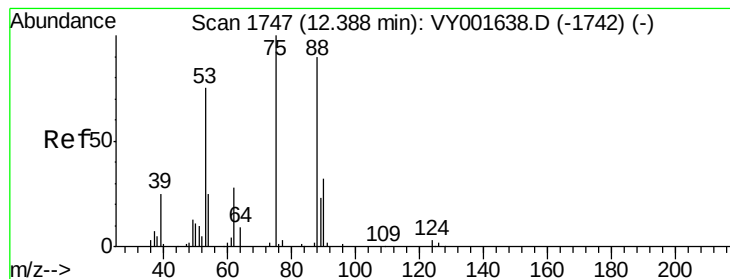
Tot Ion: 91 Resp: 146576
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.380 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

Tgt Ion: 105 Resp: 179942
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.890 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0218SBS01

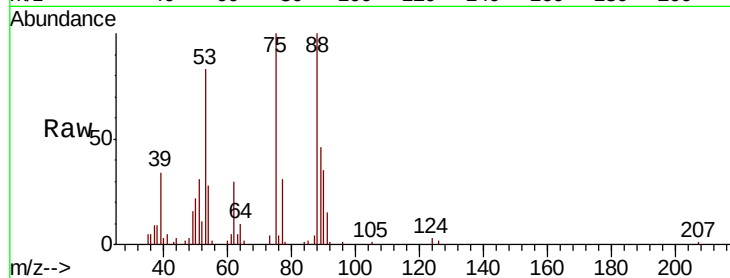
Tot Ion: 75 Resp: 16051

Ion Ratio Lower Upper

75 100

53 86.1 64.5 96.7

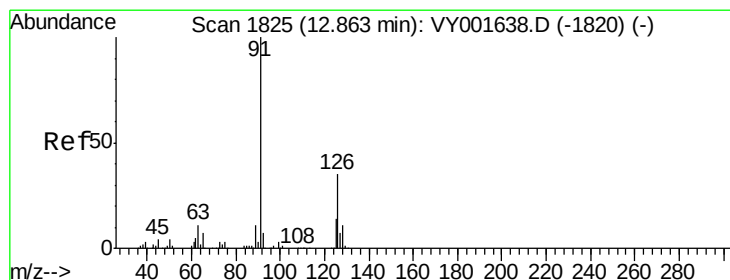
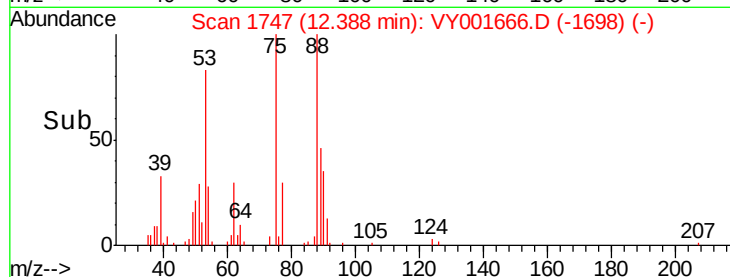
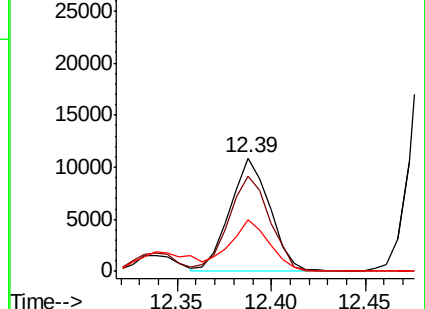
89 45.4 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.971 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001666.D

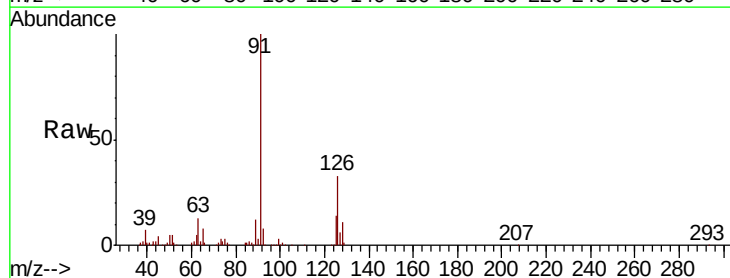
Acq: 18 Feb 2020 12:07

Tgt Ion: 91 Resp: 153616

Ion Ratio Lower Upper

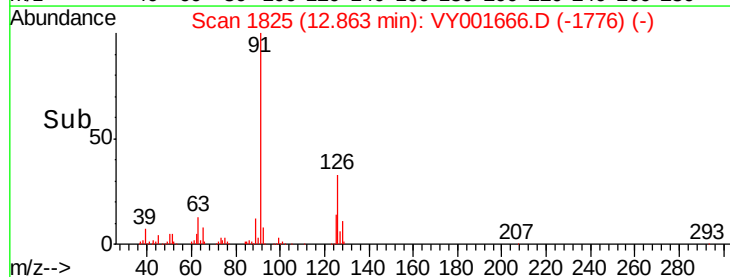
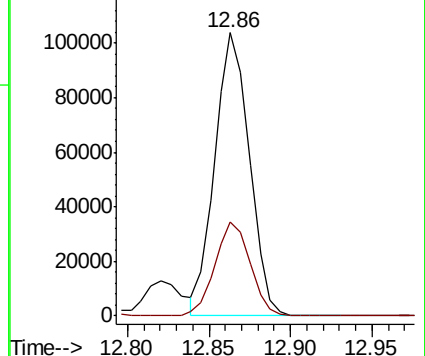
91 100

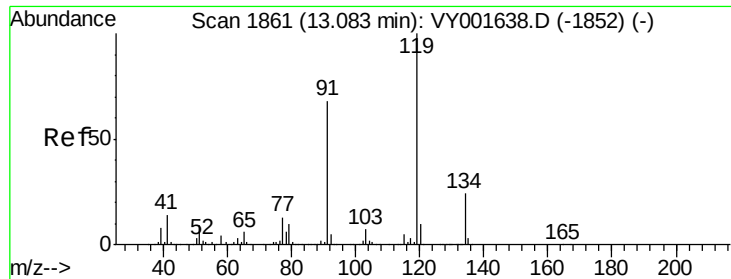
126 33.7 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

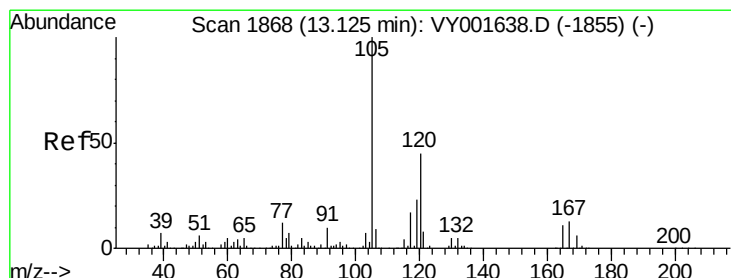
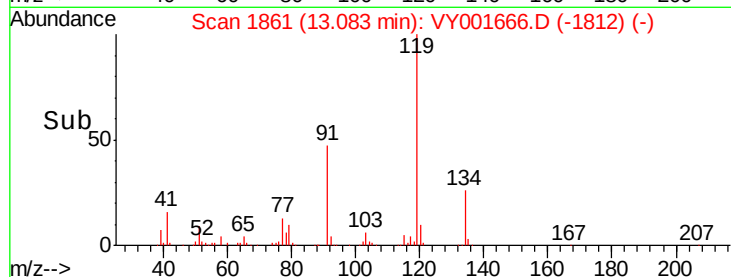
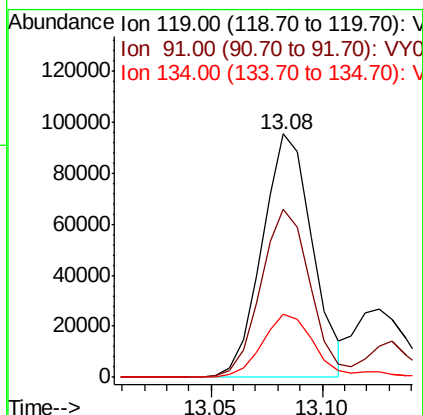
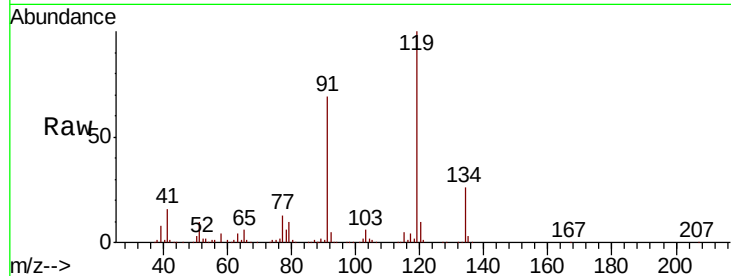




#83
 tert-Butylbenzene
 Concen: 21.268 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

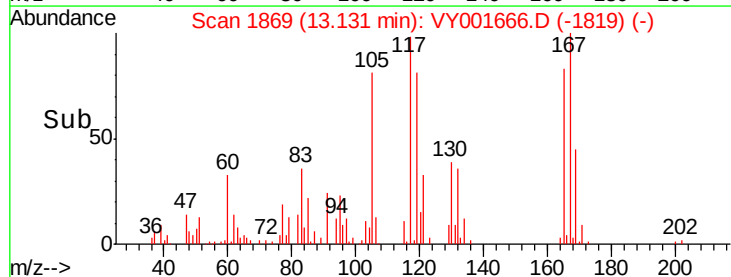
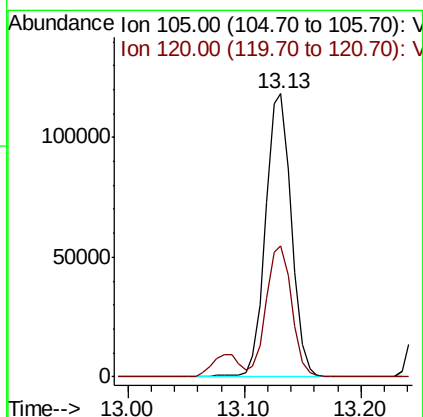
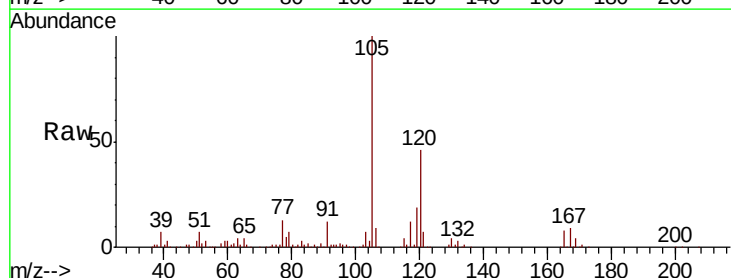
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBS01

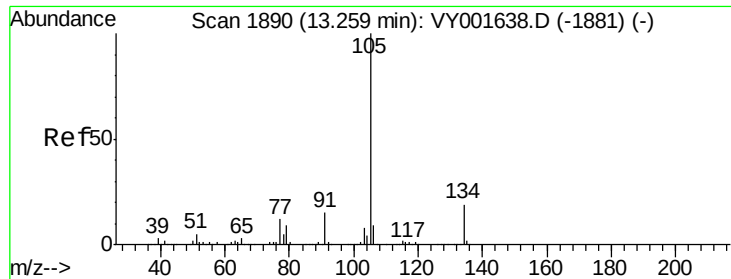
Tot Ion:119 Resp: 149710
 Ion Ratio Lower Upper
 119 100
 91 68.4 33.5 100.5
 134 27.8 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.686 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

Tgt Ion:105 Resp: 181967
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 21.628 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

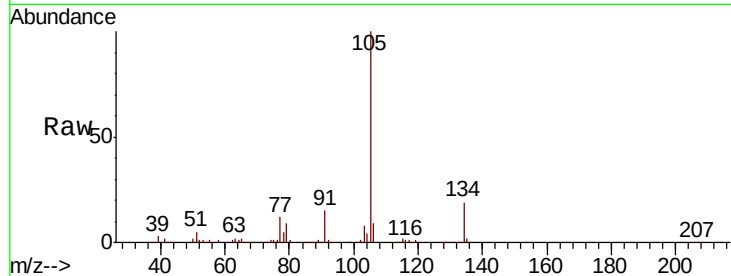
VY0218SBS01

Tot Ion:105 Resp: 223909

Ion Ratio Lower Upper

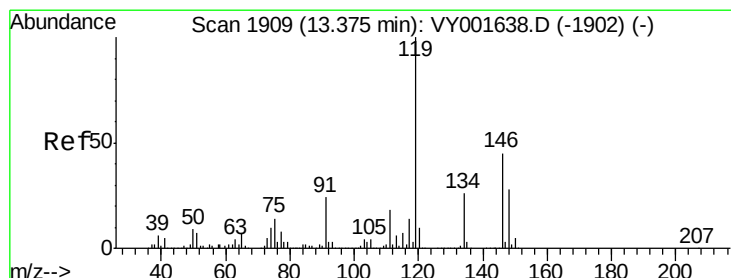
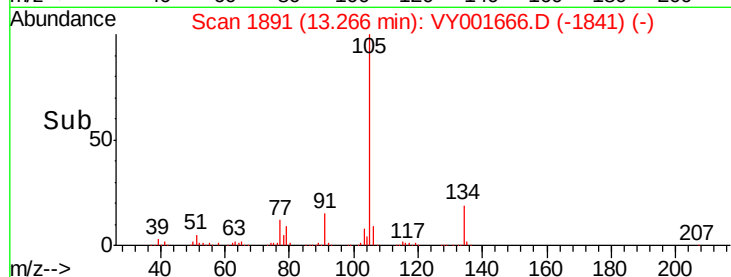
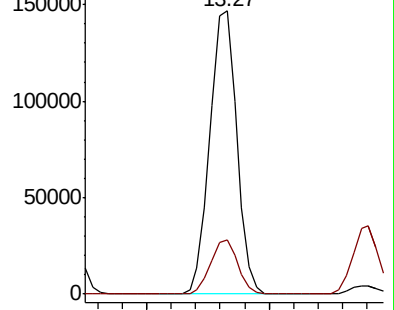
105 100

134 19.4 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.760 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

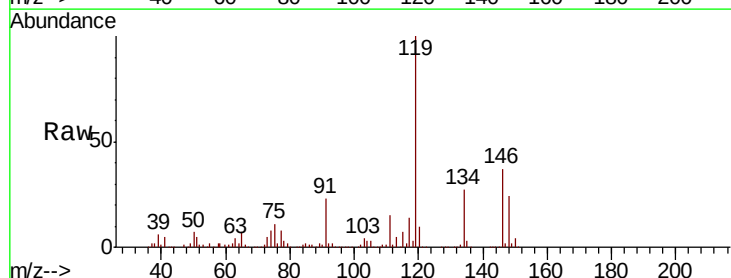
Tgt Ion:119 Resp: 195705

Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

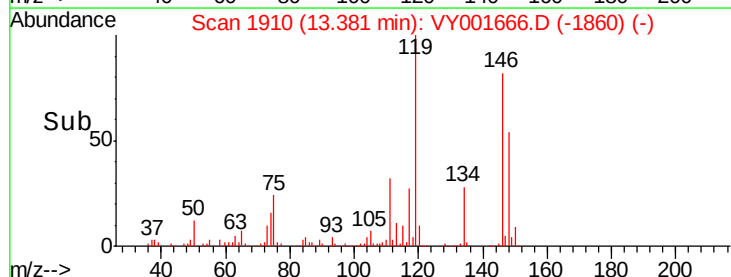
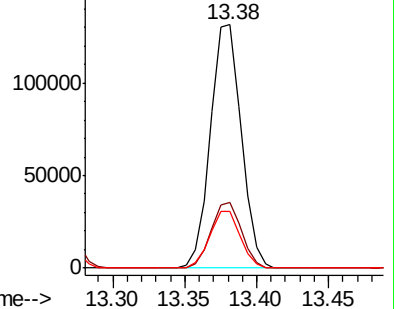
91 23.1 12.2 36.6

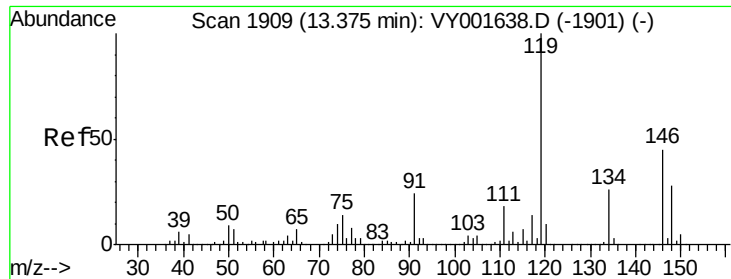


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

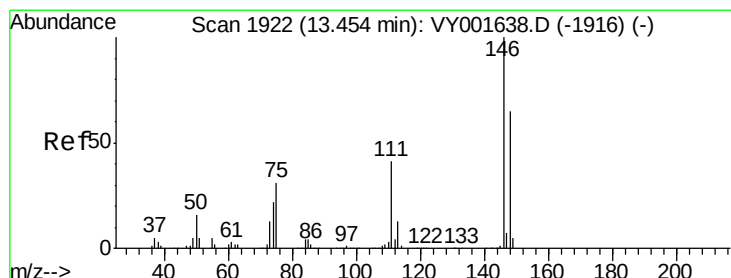
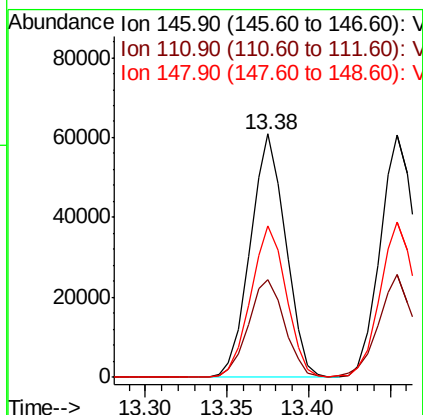
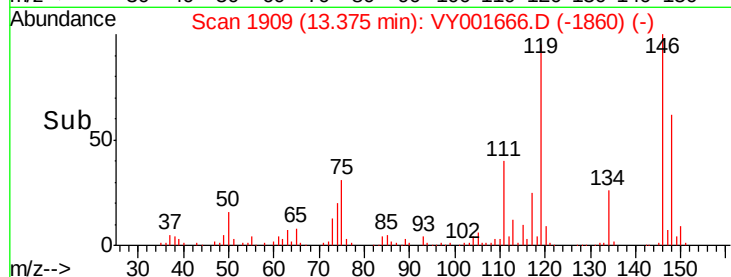
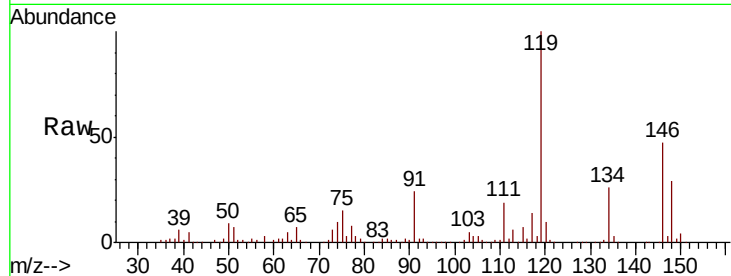




#87
 1,3-Dichlorobenzene
 Concen: 21.531 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

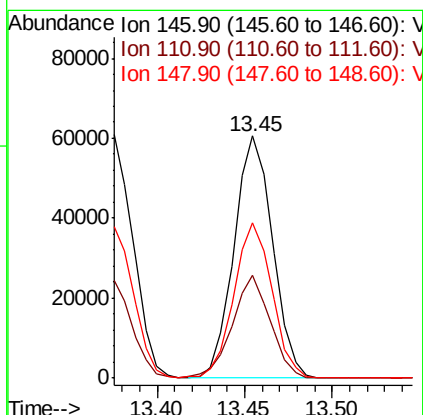
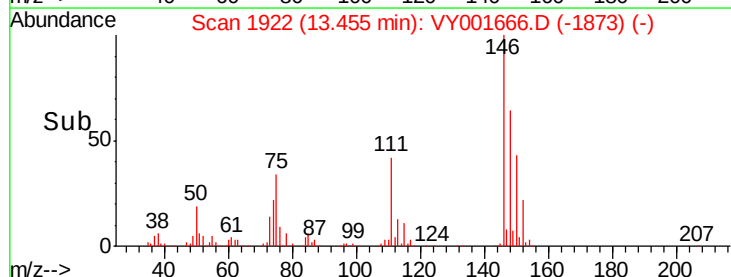
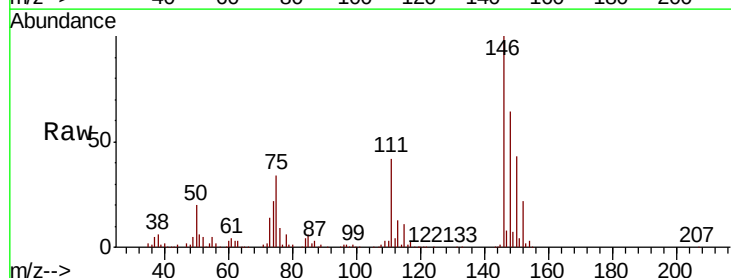
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBS01

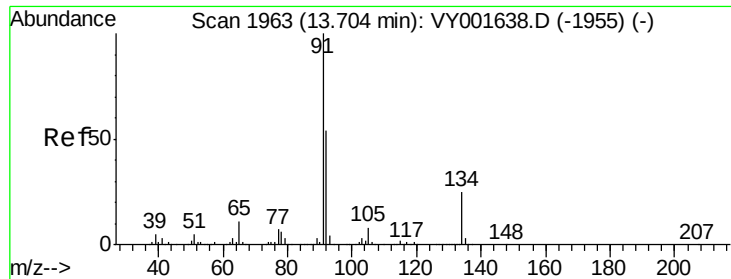
Tot Ion:146 Resp: 92040
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.4 64.3
 148 62.4 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 21.494 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

Tgt Ion:146 Resp: 92874
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.4 61.3
 148 63.5 31.6 94.7





#89

n-Butylbenzene

Concen: 21.500 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY001666.D

Acq: 18 Feb 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0218SBS01

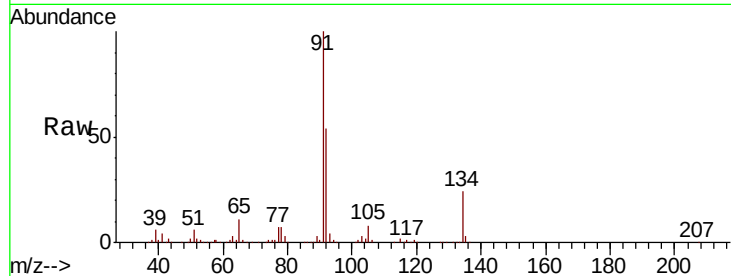
Tot Ion: 91 Resp: 197588

Ion Ratio Lower Upper

91 100

92 54.1 27.5 82.4

134 25.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY001666.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY001666.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY001666.D (-1955) (-)

13.70

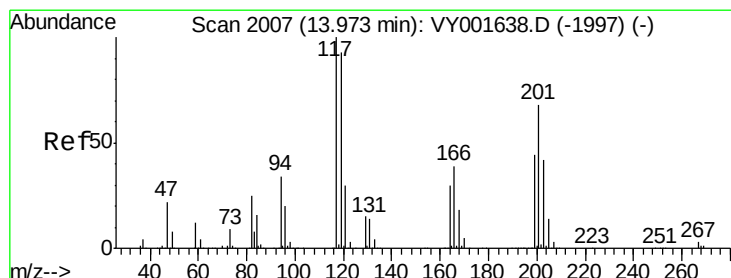
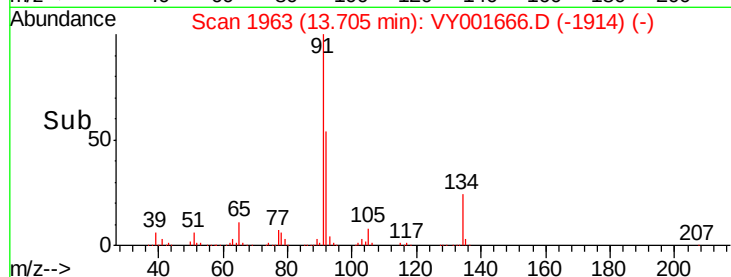
150000

100000

50000

0

Time--> 13.60 13.70 13.80



#90

Hexachloroethane

Concen: 21.158 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VY001666.D

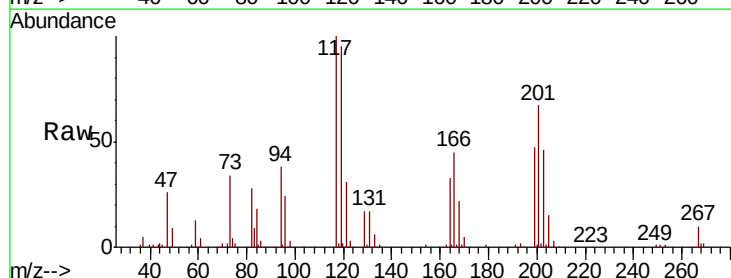
Acq: 18 Feb 2020 12:07

Tgt Ion: 117 Resp: 35853

Ion Ratio Lower Upper

117 100

201 66.9 32.5 97.4



Abundance Ion 116.80 (116.50 to 117.50): VY001666.D (-1958) (-)

Ion 200.70 (200.40 to 201.40): VY001666.D (-1958) (-)

13.97

25000

20000

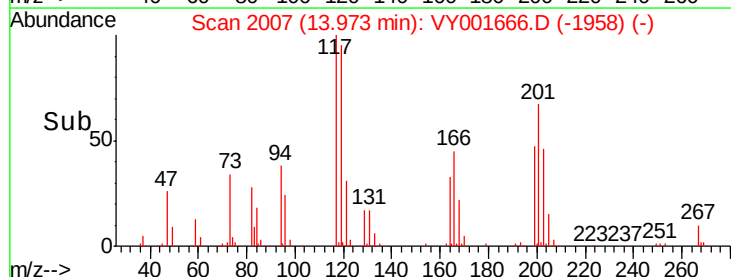
15000

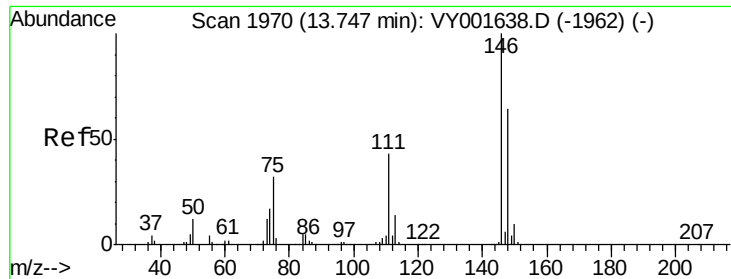
10000

5000

0

Time--> 13.90 13.95 14.00

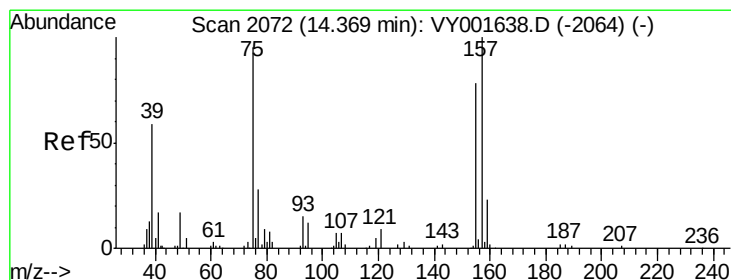
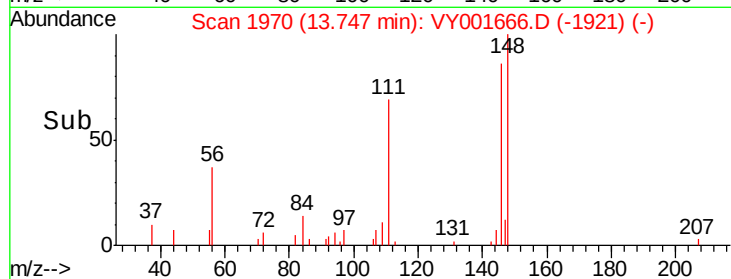
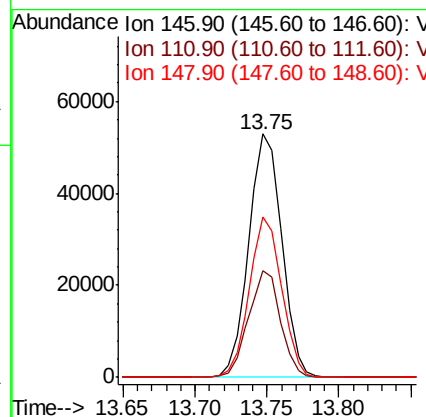
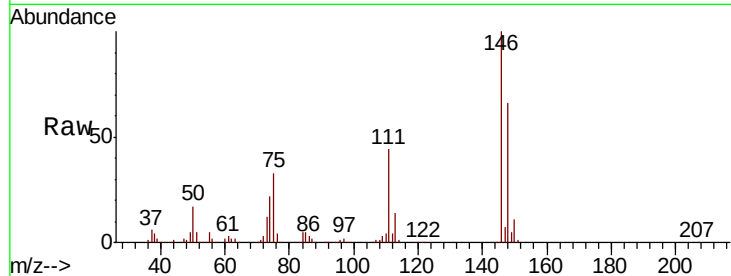




#91
 1,2-Dichlorobenzene
 Concen: 21.287 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

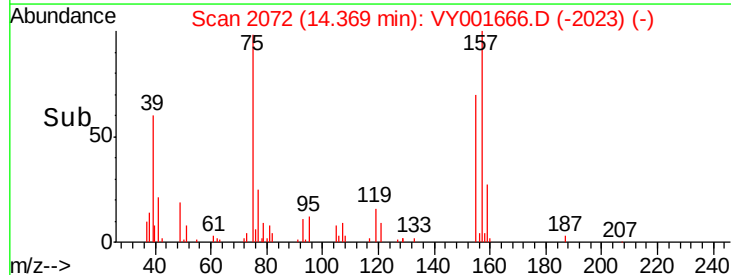
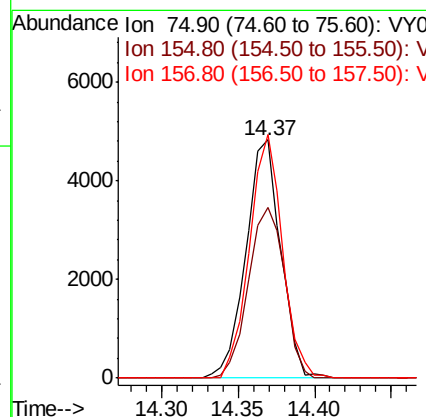
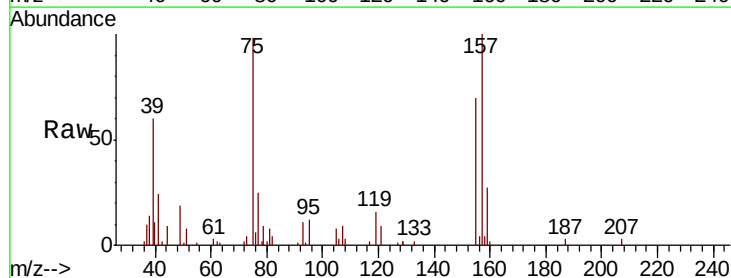
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBS01

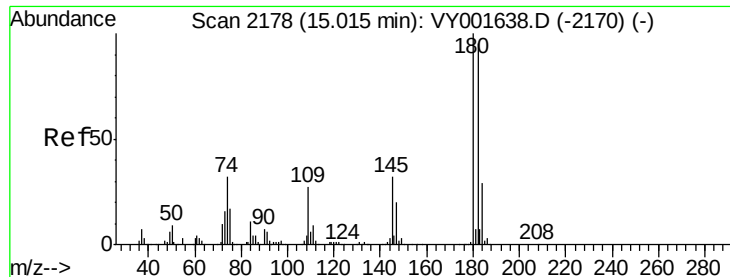
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.9	65.7
148	63.9	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.310 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY001666.D
 Acq: 18 Feb 2020 12:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.5	40.8	122.4
157	96.6	52.1	156.4

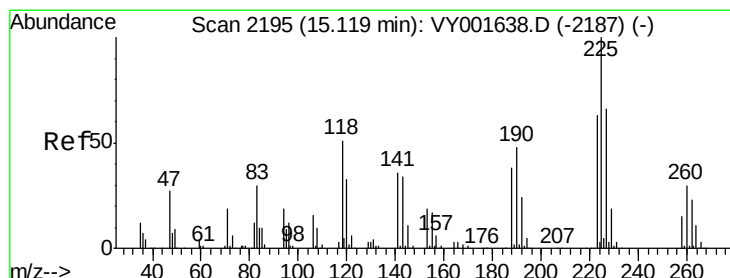
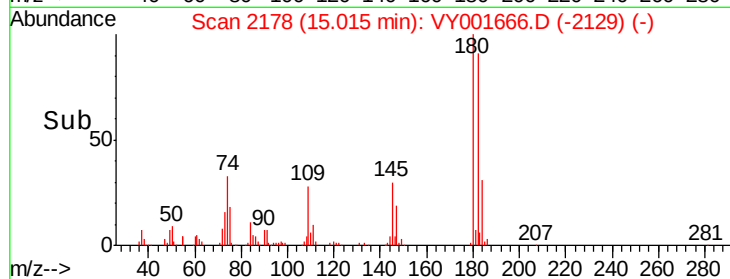
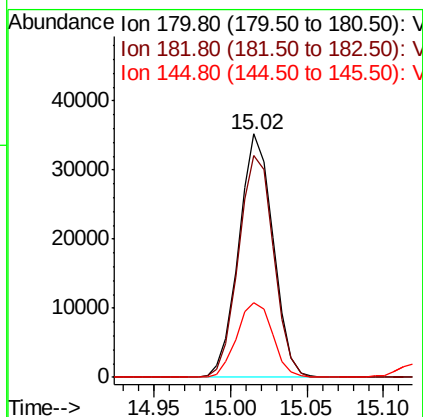
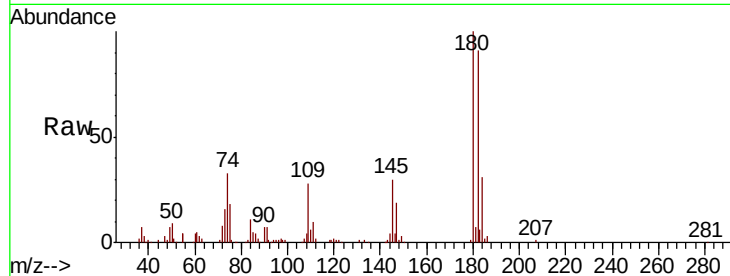




#93
1,2,4-Trichlorobenzene
Concen: 21.036 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

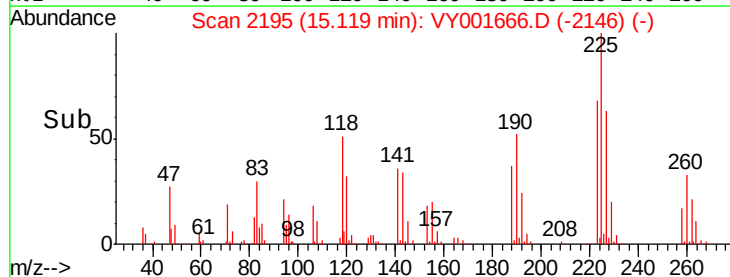
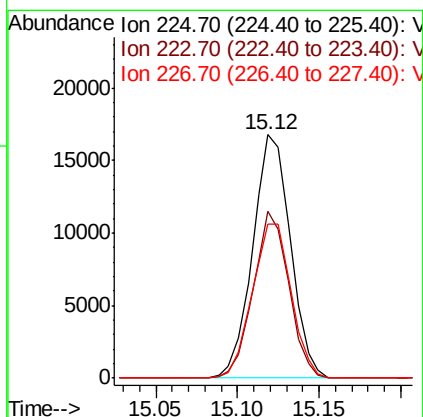
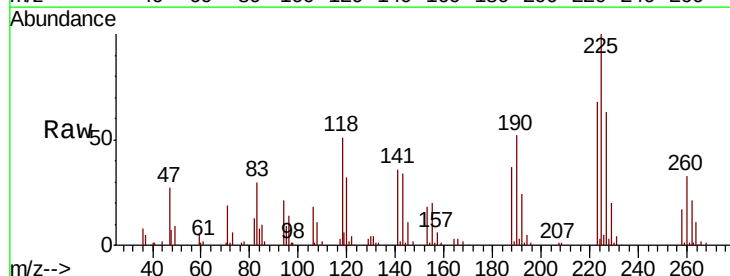
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBS01

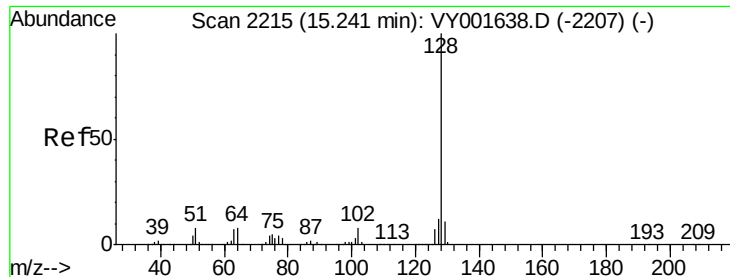
Tot Ion:180 Resp: 54992
Ion Ratio Lower Upper
180 100
182 93.2 46.8 140.3
145 31.8 16.2 48.5



#94
Hexachlorobutadiene
Concen: 20.745 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Tgt Ion:225 Resp: 26971
Ion Ratio Lower Upper
225 100
223 64.2 31.4 94.0
227 65.5 31.6 94.8

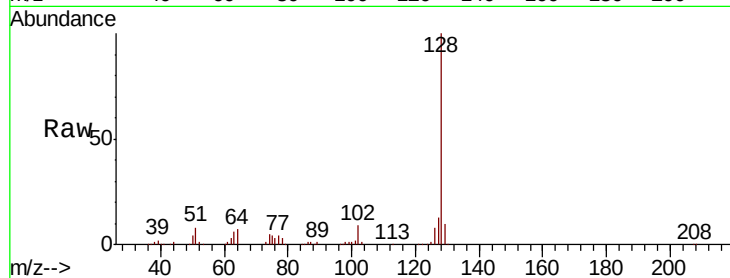




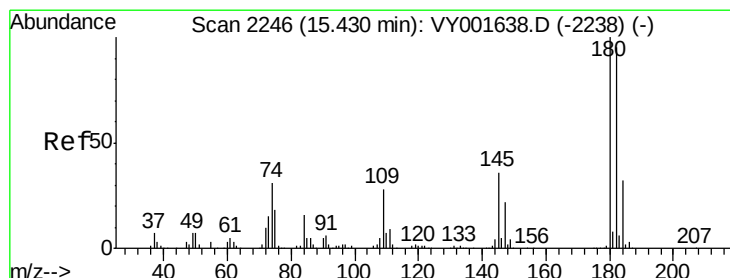
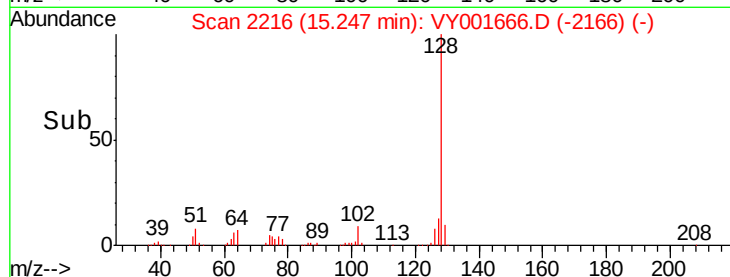
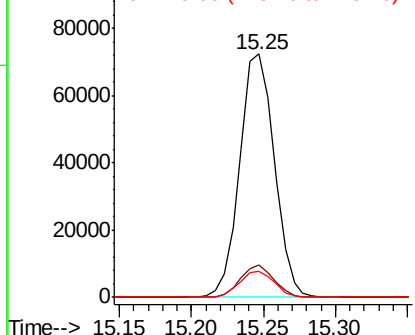
#95
Naphthalene
Concen: 20.080 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBS01

Tot Ion:128 Resp: 121033
Ion Ratio Lower Upper
128 100
127 13.0 9.9 14.9
129 10.9 8.6 13.0

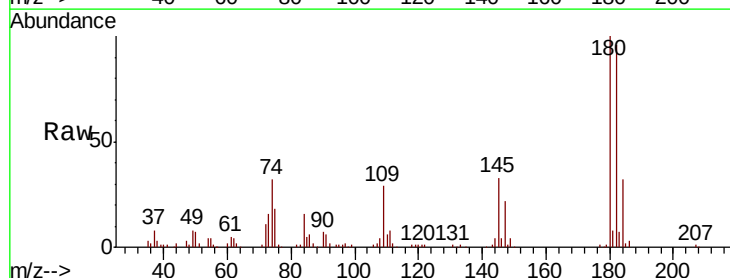


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.553 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001666.D
Acq: 18 Feb 2020 12:07

Tgt Ion:180 Resp: 47269
Ion Ratio Lower Upper
180 100
182 95.0 47.2 141.6
145 34.0 17.3 52.0



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

