

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051220\
 Data File : VY002661.D
 Acq On : 12 May 2020 12:25
 Operator : SY/MD
 Sample : VY0512SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

Quant Time: May 13 02:42:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	409588	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	601137	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	533660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	276075	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	147899	42.95	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	85.90%	
35) Dibromofluoromethane	7.72	113	164165	47.75	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	10.18	98	638812	47.58	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.16%	
62) 4-Bromofluorobenzene	12.48	95	218464	47.95	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.90	85	43292	14.120	ug/l	96
3) Chloromethane	2.12	50	52477	15.814	ug/l	96
4) Vinyl Chloride	2.26	62	63060	16.457	ug/l	96
5) Bromomethane	2.65	94	45411	17.185	ug/l	98
6) Chloroethane	2.79	64	39638	17.325	ug/l	99
7) Trichlorofluoromethane	3.13	101	105701	17.799	ug/l	96
8) Diethyl Ether	3.54	74	36173	18.126	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	68044	18.747	ug/l	98
10) Methyl Iodide	4.10	142	87486	17.692	ug/l	98
11) Tert butyl alcohol	4.96	59	29416	83.022	ug/l	99
12) 1,1-Dichloroethene	3.88	96	65701	18.634	ug/l	98
13) Acrolein	3.74	56	15860	64.732	ug/l	97
14) Allyl chloride	4.49	41	97871	19.051	ug/l	97
15) Acrylonitrile	5.18	53	83024	88.218	ug/l	99
16) Acetone	3.96	43	56479	79.465	ug/l	98
17) Carbon Disulfide	4.20	76	173542	16.360	ug/l	99
18) Methyl Acetate	4.49	43	41679	17.551	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	167022	18.156	ug/l	97
20) Methylene Chloride	4.72	84	73029	18.374	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	71480	18.548	ug/l	94
22) Diisopropyl ether	6.13	45	201856	19.419	ug/l	97
23) Vinyl Acetate	6.07	43	591646	90.504	ug/l	99
24) 1,1-Dichloroethane	6.03	63	119238	19.390	ug/l	99
25) 2-Butanone	7.00	43	97820	84.078	ug/l	96
26) 2,2-Dichloropropane	6.99	77	111143	19.014	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	82220	19.282	ug/l	99
28) Bromochloromethane	7.34	49	47801	18.972	ug/l	99
29) Tetrahydrofuran	7.36	42	66895	86.904	ug/l	98
30) Chloroform	7.52	83	121619	19.020	ug/l	99
31) Cyclohexane	7.79	56	113924	18.405	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	112668	18.958	ug/l	99
36) 1,1-Dichloropropene	7.93	75	96949	19.238	ug/l	99
37) Ethyl Acetate	7.08	43	45692	17.644	ug/l	99
38) Carbon Tetrachloride	7.91	117	104299	18.957	ug/l	97

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
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 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	125863	18.910	ug/l	99
40) Benzene	8.17	78	282115	19.383	ug/l	98
41) Methacrylonitrile	7.32	41	22521m	16.175	ug/l	
42) 1,2-Dichloroethane	8.24	62	72856	17.845	ug/l	98
43) Isopropyl Acetate	8.28	43	86555	17.829	ug/l	99
44) Trichloroethene	8.94	130	90499	19.896	ug/l	98
45) 1,2-Dichloropropane	9.22	63	69111	19.674	ug/l	99
46) Dibromomethane	9.31	93	36756	18.186	ug/l	98
47) Bromodichloromethane	9.50	83	94350	19.199	ug/l	97
48) Methyl methacrylate	9.30	41	38497	17.521	ug/l	97
49) 1,4-Dioxane	9.30	88	9821	367.004	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	232071	92.741	ug/l	99
52) Toluene	10.24	92	181725	19.427	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	96713	18.783	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	112785	18.947	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	56101	19.035	ug/l	98
56) Ethyl methacrylate	10.51	69	72905	18.594	ug/l	97
57) 1,3-Dichloropropane	10.79	76	93142	18.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	198106	95.811	ug/l	100
59) 2-Hexanone	10.83	43	154425	89.663	ug/l	98
60) Dibromochloromethane	10.99	129	70585	18.830	ug/l	99
61) 1,2-Dibromoethane	11.09	107	53742	18.415	ug/l	99
64) Tetrachloroethene	10.72	164	100158	21.123	ug/l	98
65) Chlorobenzene	11.52	112	202704	19.981	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	75191	19.967	ug/l	99
67) Ethyl Benzene	11.60	91	359606	20.180	ug/l	100
68) m/p-Xylenes	11.70	106	275234	39.918	ug/l	100
69) o-Xylene	12.03	106	130785	20.258	ug/l	100
70) Styrene	12.05	104	223669	20.266	ug/l	99
71) Bromoform	12.21	173	44826	19.178	ug/l #	99
73) Isopropylbenzene	12.33	105	364849	20.391	ug/l	100
74) N-amyl acetate	12.14	43	81662	18.973	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	49510	17.399	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	44390m	18.093	ug/l	
77) Bromobenzene	12.61	156	89802	20.089	ug/l	96
78) n-propylbenzene	12.67	91	418458	20.153	ug/l	100
79) 2-Chlorotoluene	12.75	91	229154	19.924	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	302012	20.363	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	22826	18.656	ug/l	96
82) 4-Chlorotoluene	12.86	91	241793	20.013	ug/l	99
83) tert-Butylbenzene	13.08	119	266842	20.519	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	298721	20.210	ug/l	100
85) sec-Butylbenzene	13.25	105	372163	20.624	ug/l	100
86) p-Isopropyltoluene	13.37	119	347656	20.561	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	168734	19.943	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	168665	20.133	ug/l	99
89) n-Butylbenzene	13.70	91	318720	20.706	ug/l	100
90) Hexachloroethane	13.96	117	63058	20.479	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	149709	19.830	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9579	18.059	ug/l	98

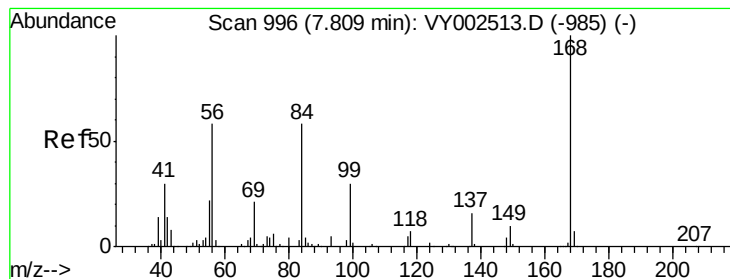
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051220\
Data File : VY002661.D
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Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	112196	20.470	ug/l	99
94) Hexachlorobutadiene	15.11	225	69693	21.183	ug/l	98
95) Naphthalene	15.24	128	192717	19.274	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	93096	20.008	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

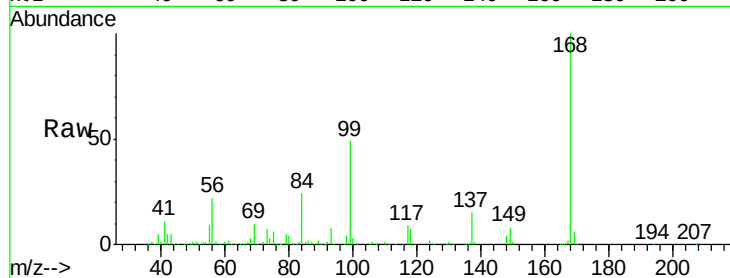
VY0512SBS01

Tot Ion:168 Resp: 409588

Ion Ratio Lower Upper

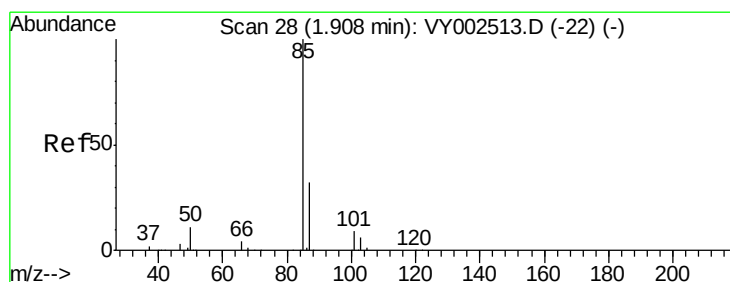
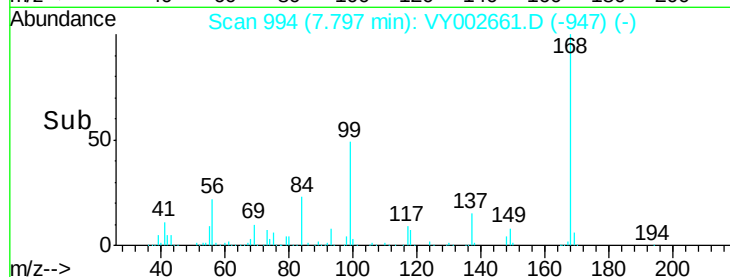
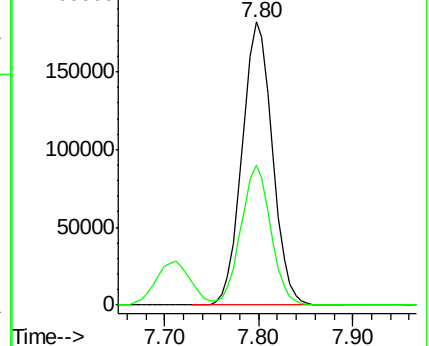
168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 14.120 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002661.D

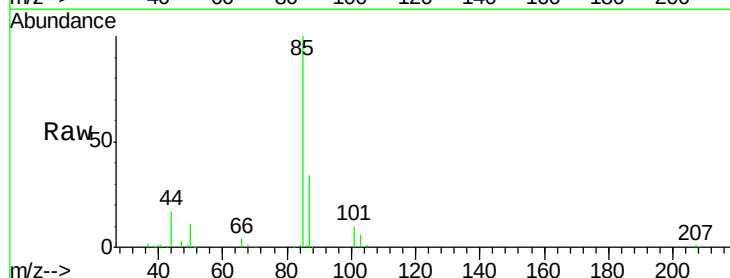
Acq: 12 May 2020 12:25

Tgt Ion: 85 Resp: 43292

Ion Ratio Lower Upper

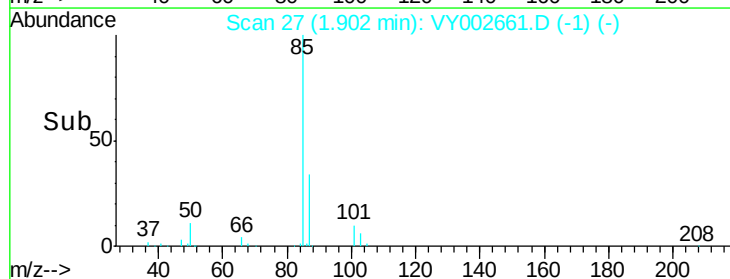
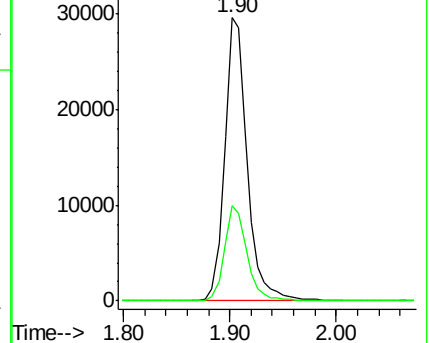
85 100

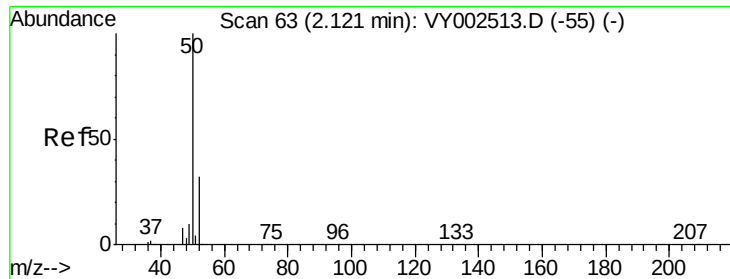
87 33.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)





#3

Chloromethane

Concen: 15.814 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

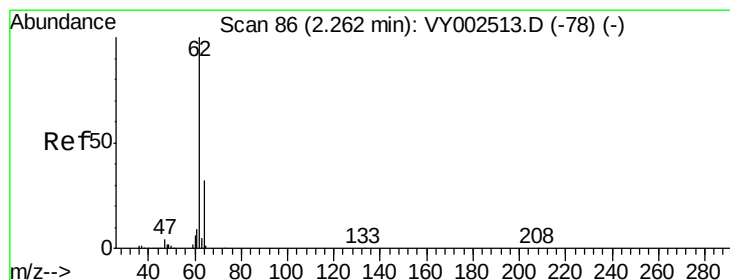
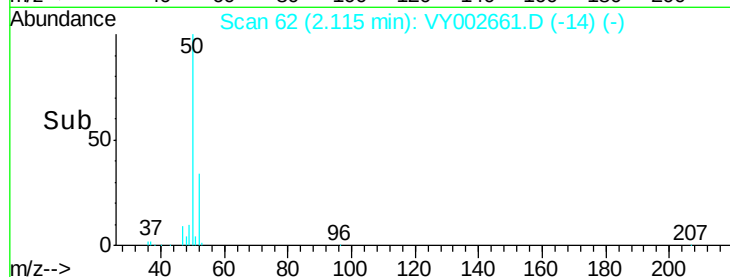
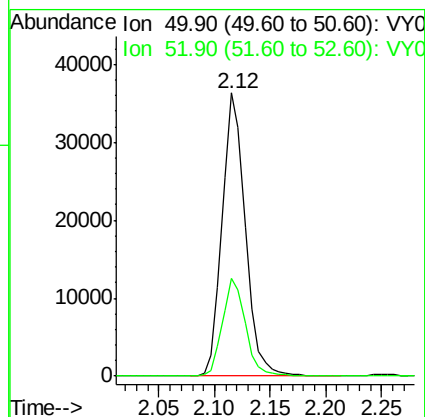
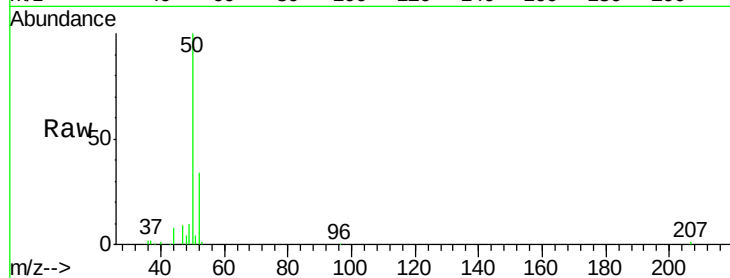
VY0512SBS01

Tot Ion: 50 Resp: 52477

Ion Ratio Lower Upper

50 100

52 34.5 25.9 38.9



#4

Vinyl Chloride

Concen: 16.457 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002661.D

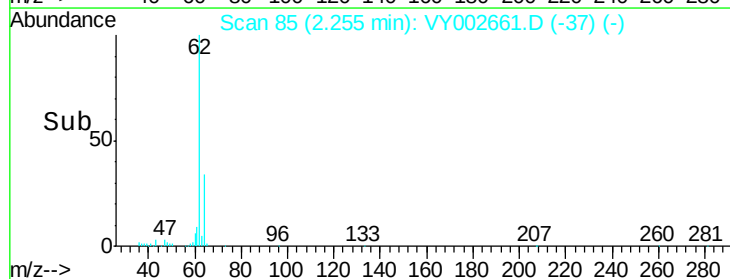
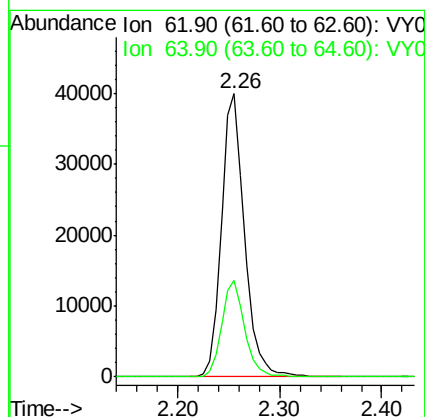
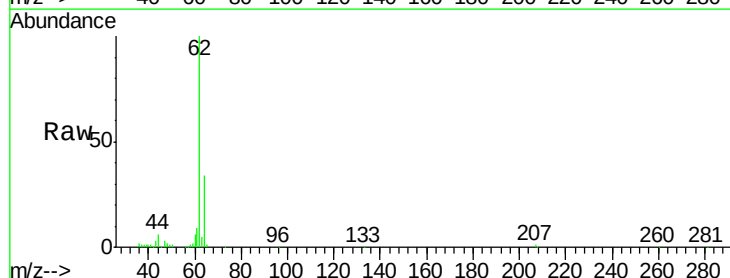
Acq: 12 May 2020 12:25

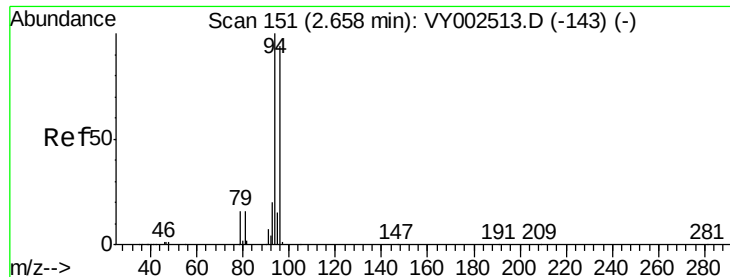
Tgt Ion: 62 Resp: 63060

Ion Ratio Lower Upper

62 100

64 33.9 25.3 37.9





#5

Bromomethane

Concen: 17.185 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

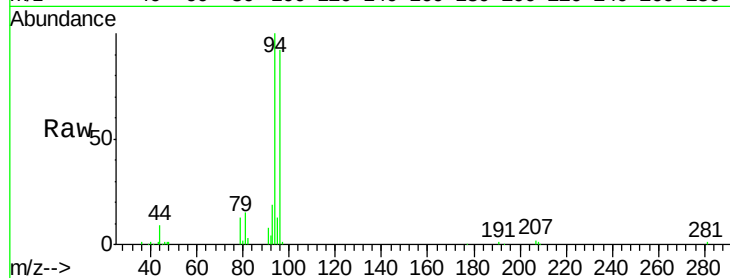
VY0512SBSD01

Tot Ion: 94 Resp: 45411

Ion Ratio Lower Upper

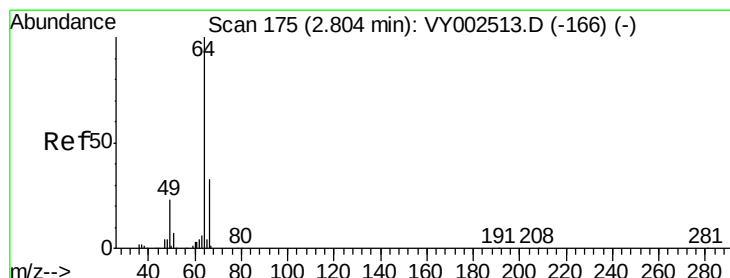
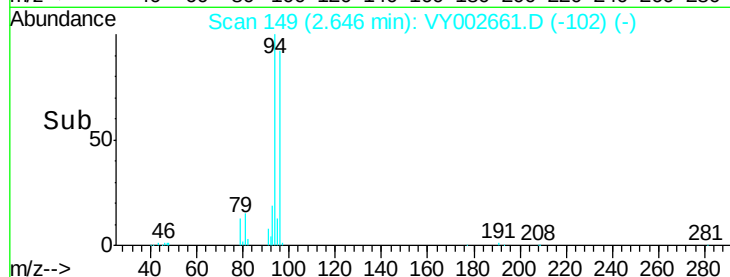
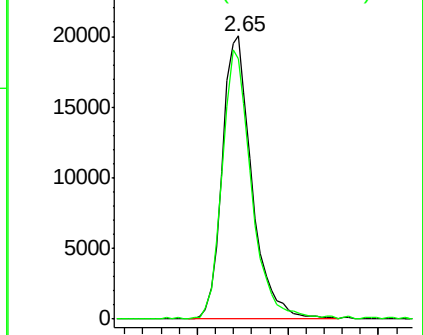
94 100

96 91.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 17.325 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002661.D

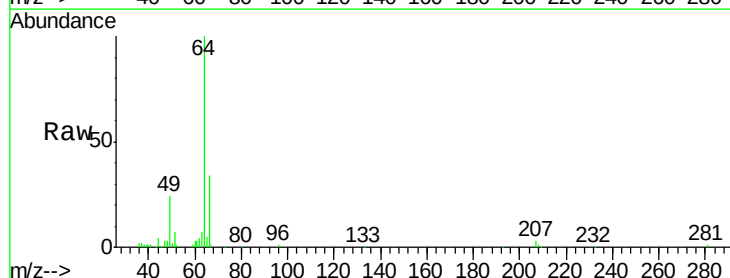
Acq: 12 May 2020 12:25

Tgt Ion: 64 Resp: 39638

Ion Ratio Lower Upper

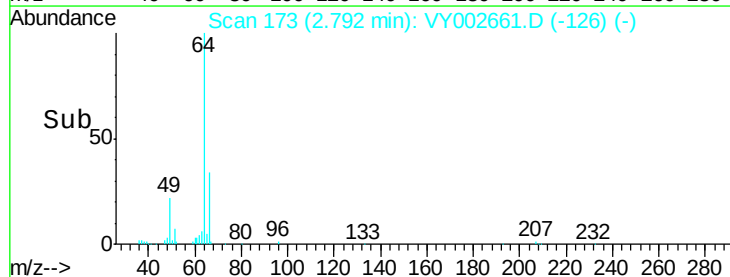
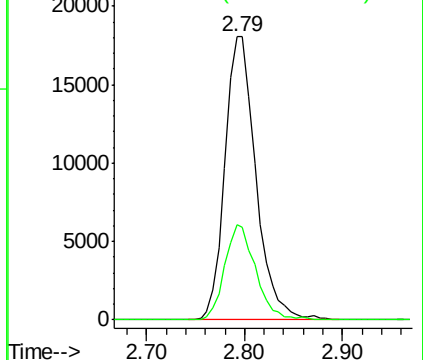
64 100

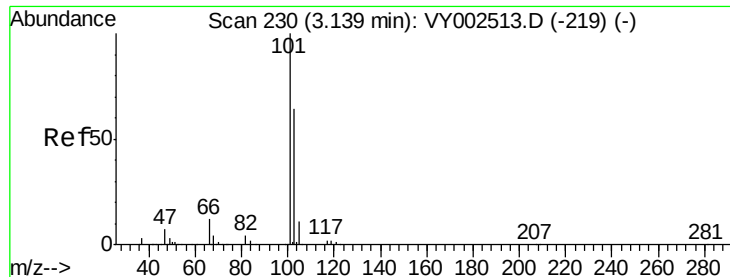
66 33.5 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



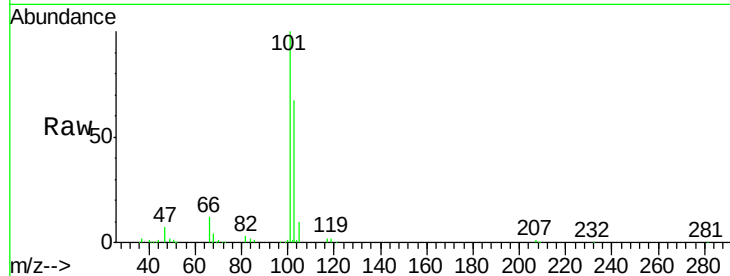


#7

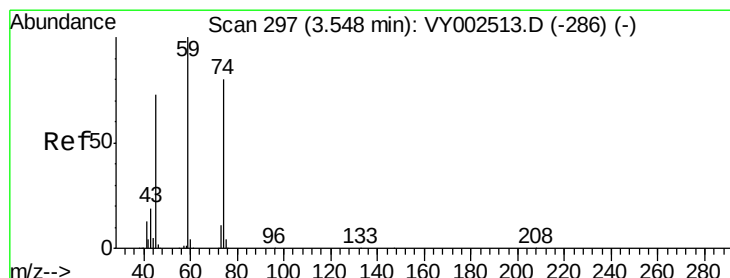
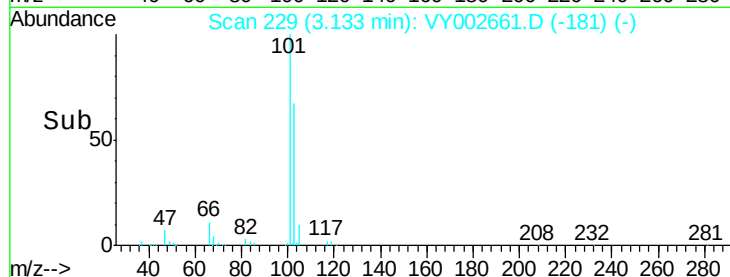
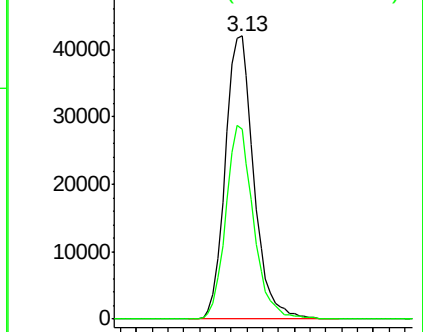
Trichlorofluoromethane
 Concen: 17.799 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBSD01

Tot Ion:101 Resp: 105701
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.4 77.0



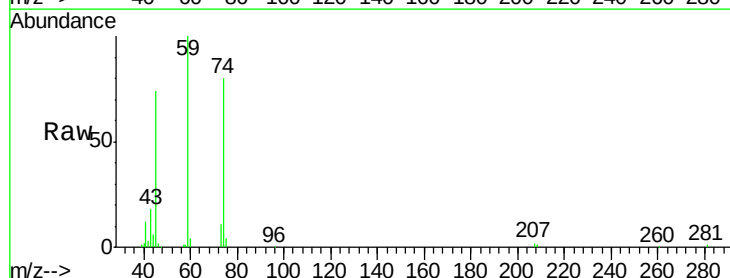
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



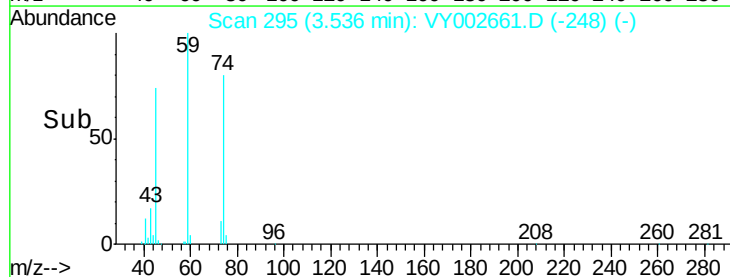
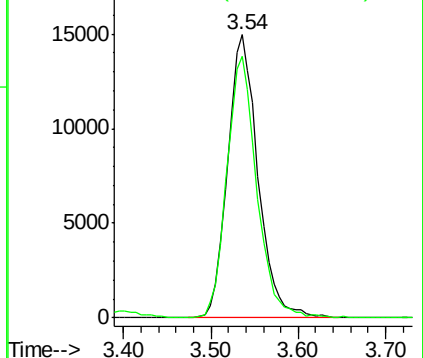
#8

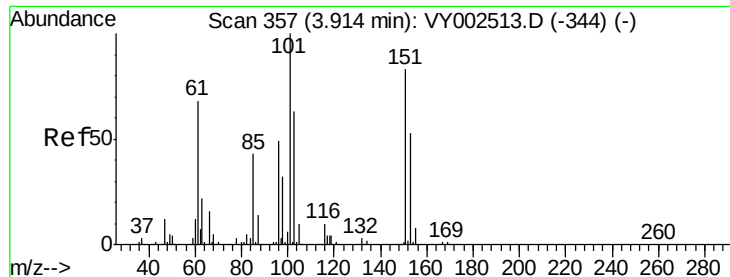
Diethyl Ether
 Concen: 18.126 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

Tgt Ion: 74 Resp: 36173
 Ion Ratio Lower Upper
 74 100
 45 90.6 46.2 138.5



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.747 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBSD01

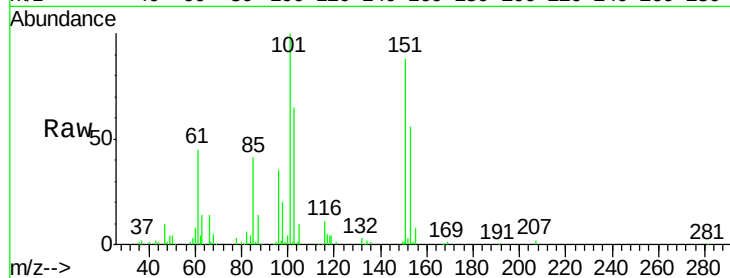
Tot Ion:101 Resp: 68044

Ion Ratio Lower Upper

101 100

85 41.8 33.4 50.2

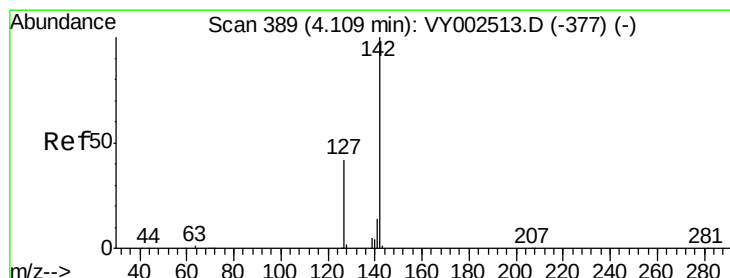
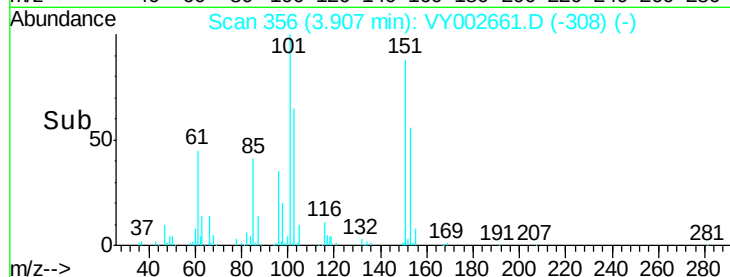
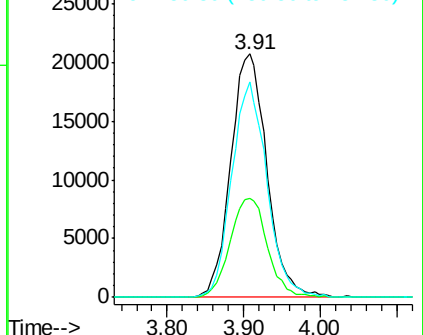
151 86.1 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.692 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

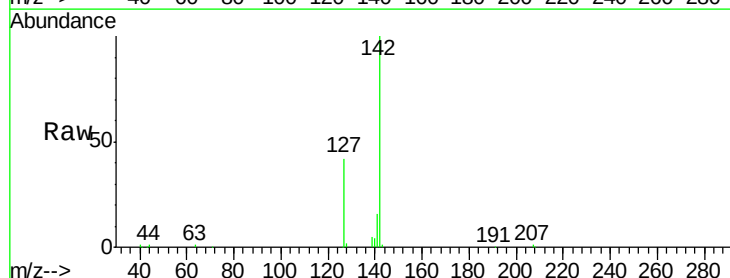
Tgt Ion:142 Resp: 87486

Ion Ratio Lower Upper

142 100

127 40.1 33.7 50.5

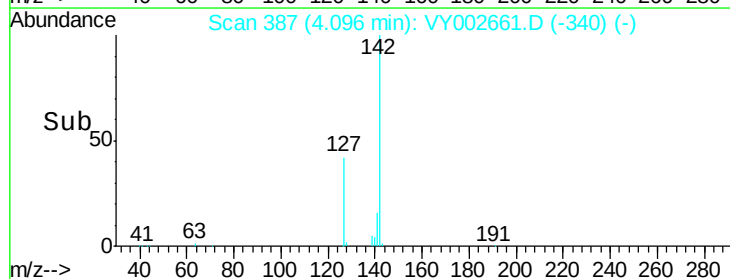
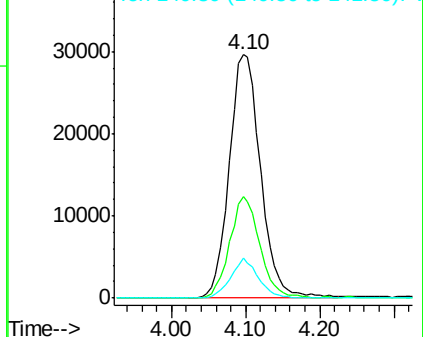
141 14.5 11.4 17.0

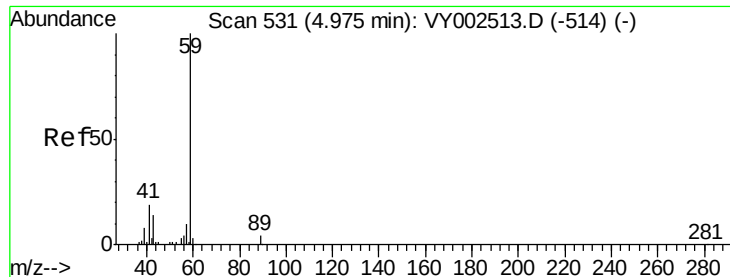


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

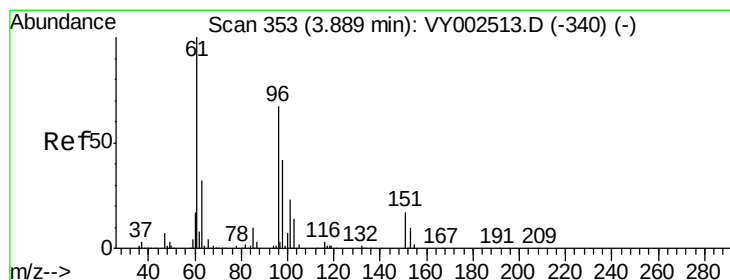
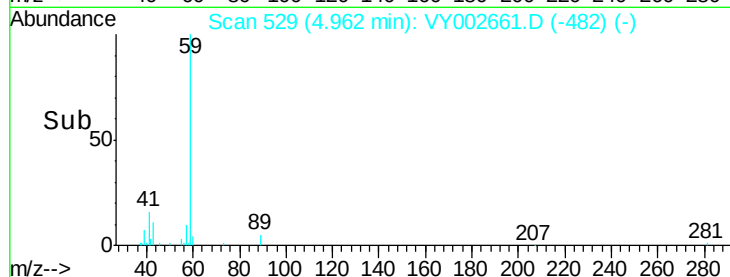
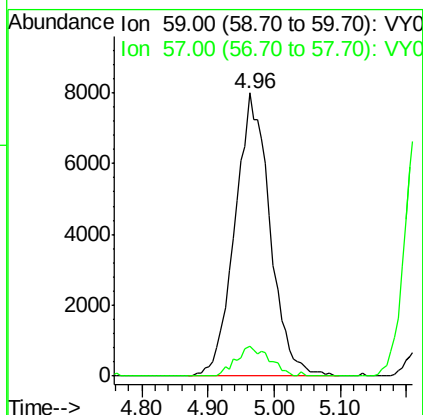
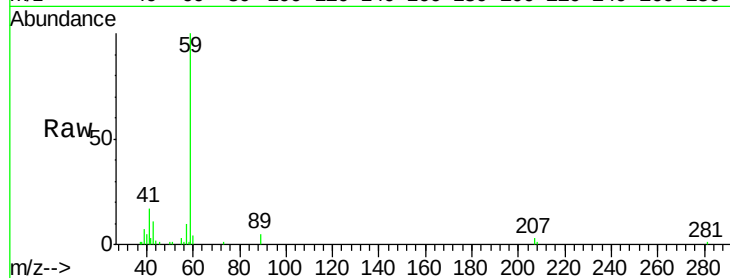




#11
Tert butyl alcohol
Concen: 83.022 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

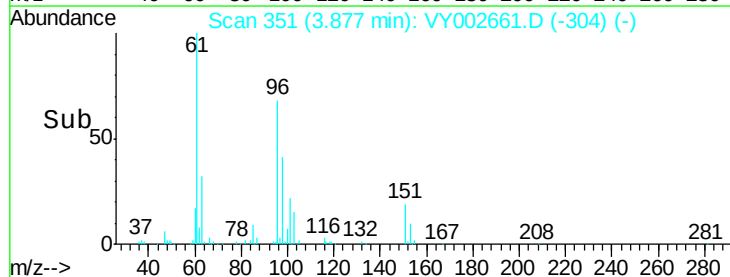
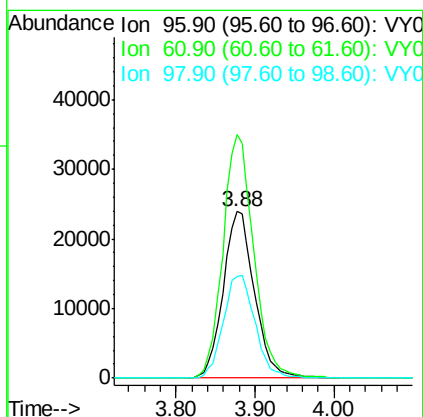
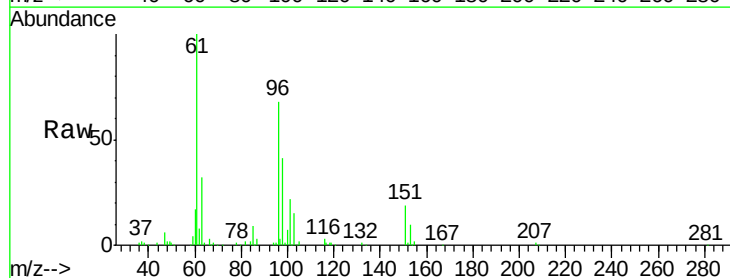
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

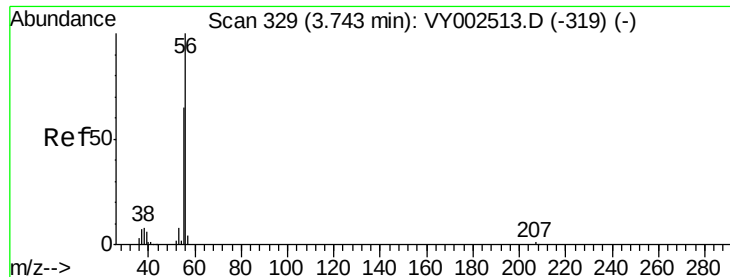
Tot Ion: 59 Resp: 29416
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.6



#12
1,1-Dichloroethene
Concen: 18.634 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

Tgt Ion: 96 Resp: 65701
Ion Ratio Lower Upper
96 100
61 146.2 118.8 178.2
98 60.6 49.6 74.4





#13

Acrolein

Concen: 64.732 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

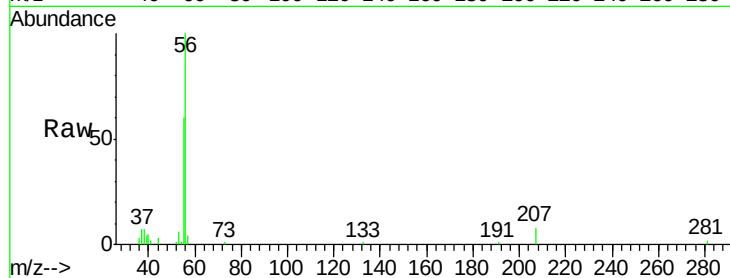
VY0512SBS01

Tot Ion: 56 Resp: 15860

Ion Ratio Lower Upper

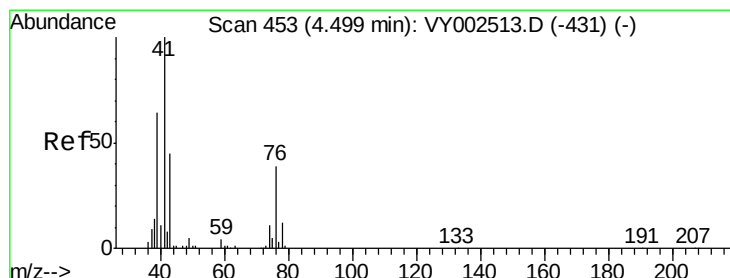
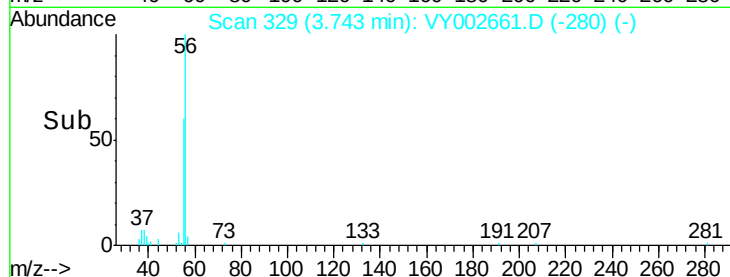
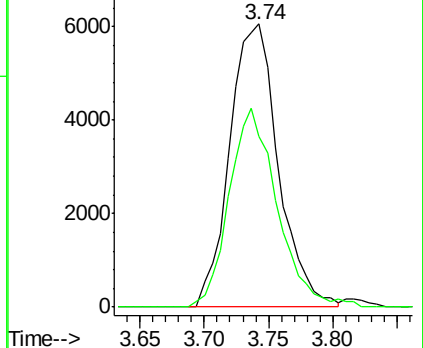
56 100

55 69.3 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 19.051 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

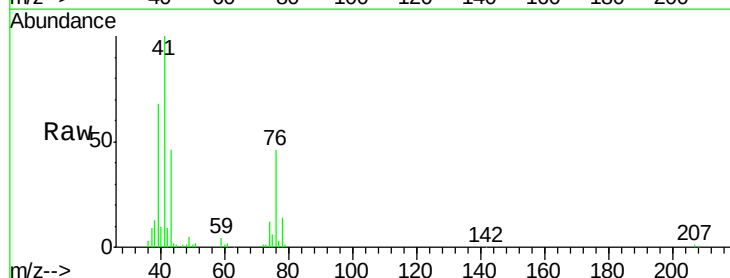
Tgt Ion: 41 Resp: 97871

Ion Ratio Lower Upper

41 100

39 62.4 51.8 77.6

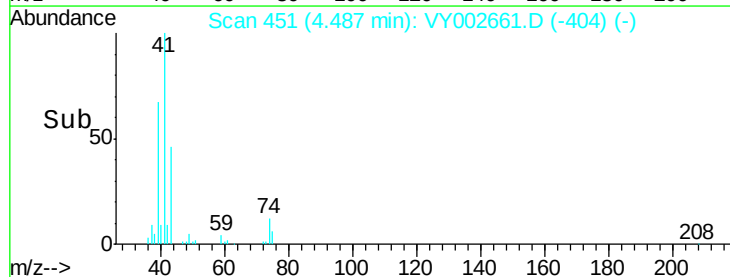
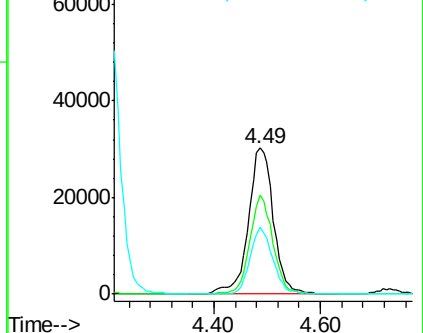
76 41.1 31.7 47.5

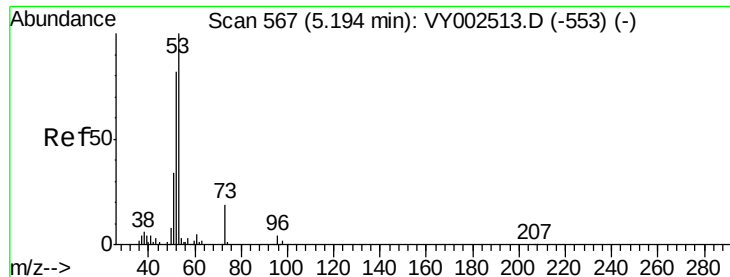


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 88.218 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.02 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

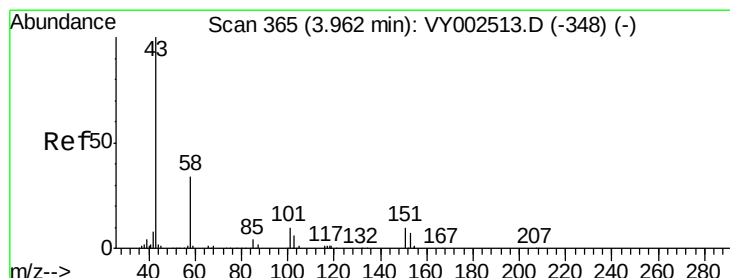
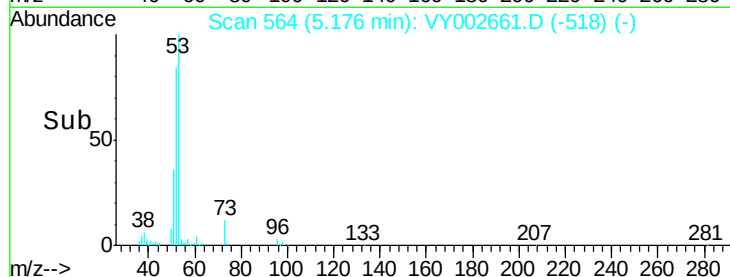
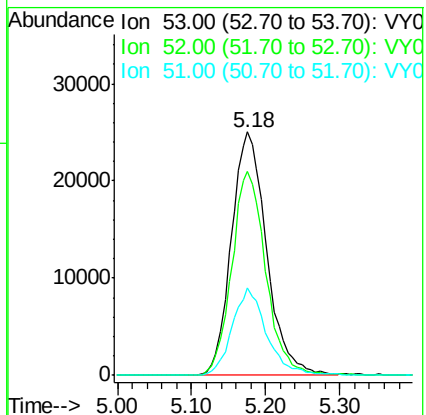
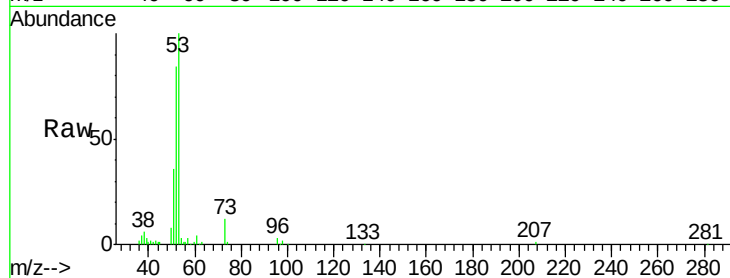
Tot Ion: 53 Resp: 83024

Ion Ratio Lower Upper

53 100

52 81.1 65.4 98.0

51 35.1 28.7 43.1



#16

Acetone

Concen: 79.465 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002661.D

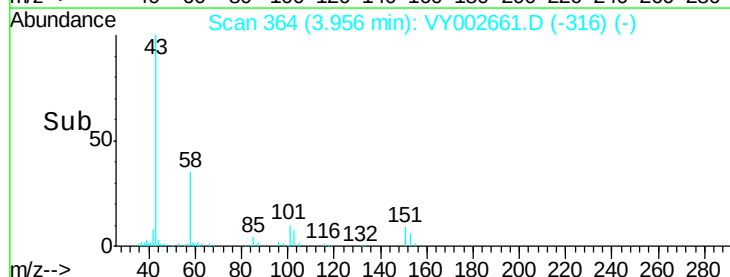
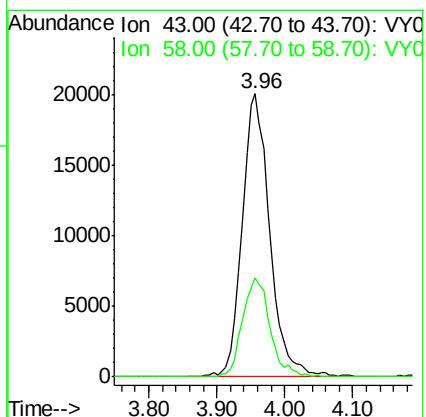
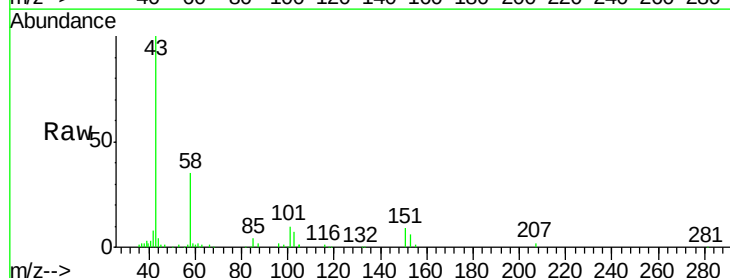
Acq: 12 May 2020 12:25

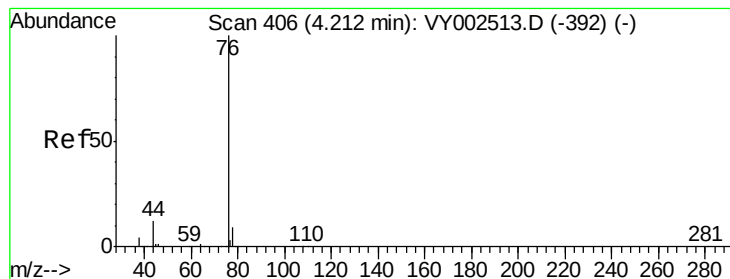
Tgt Ion: 43 Resp: 56479

Ion Ratio Lower Upper

43 100

58 34.8 26.9 40.3





#17

Carbon Disulfide

Concen: 16.360 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

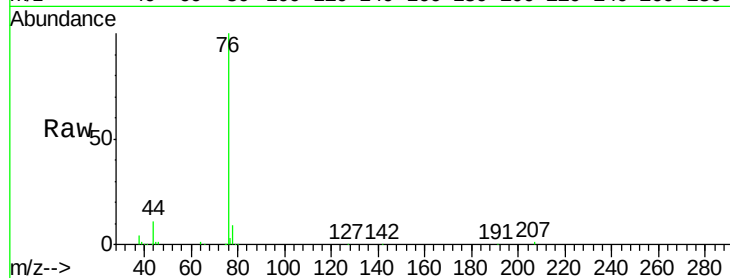
VY0512SBSD01

Tot Ion: 76 Resp: 173542

Ion Ratio Lower Upper

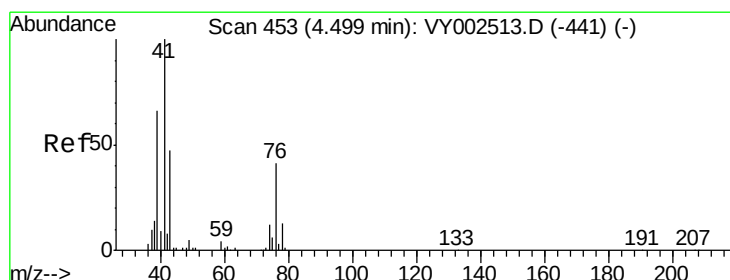
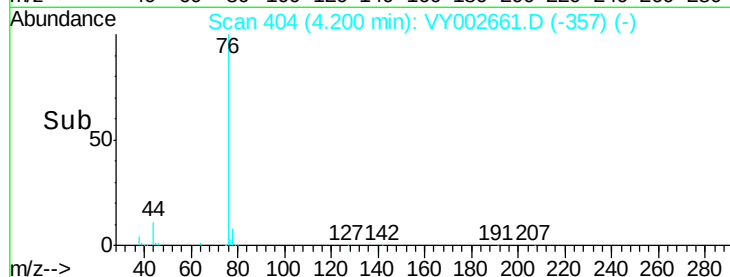
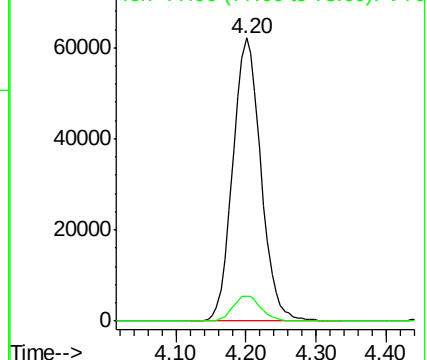
76 100

78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 17.551 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002661.D

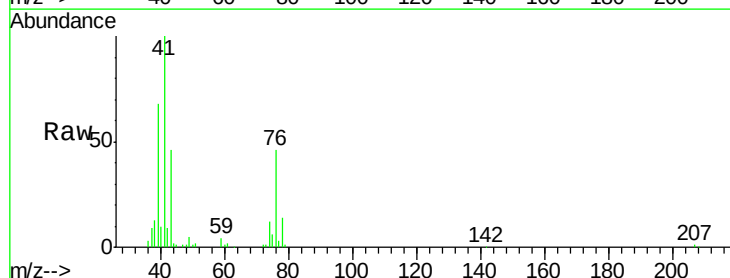
Acq: 12 May 2020 12:25

Tgt Ion: 43 Resp: 41679

Ion Ratio Lower Upper

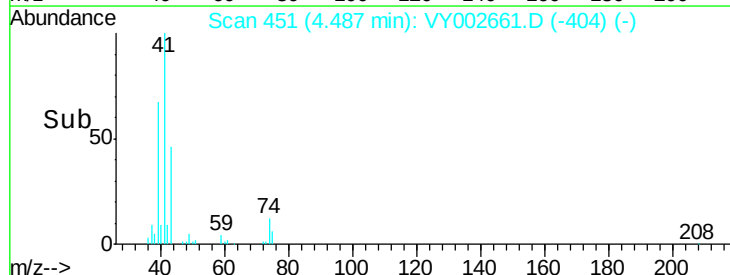
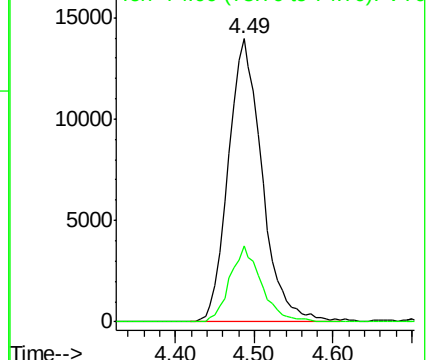
43 100

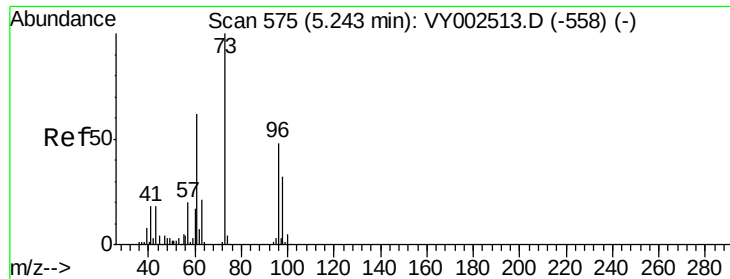
74 24.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

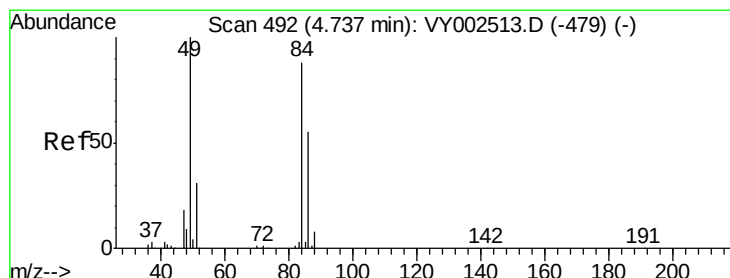
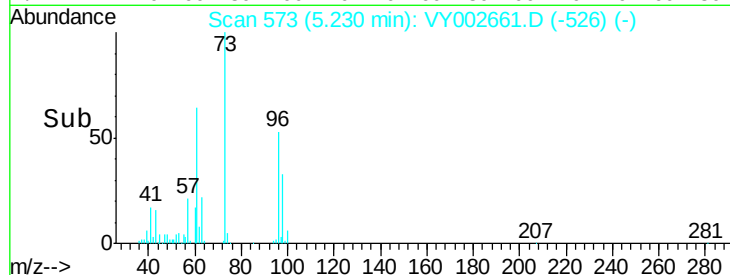
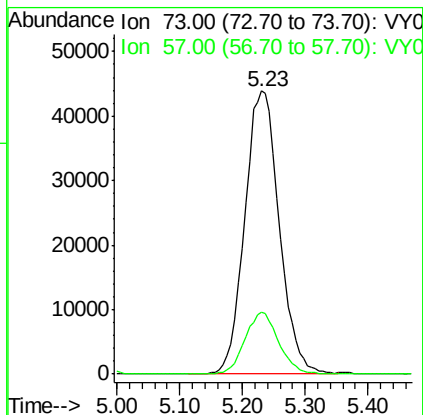
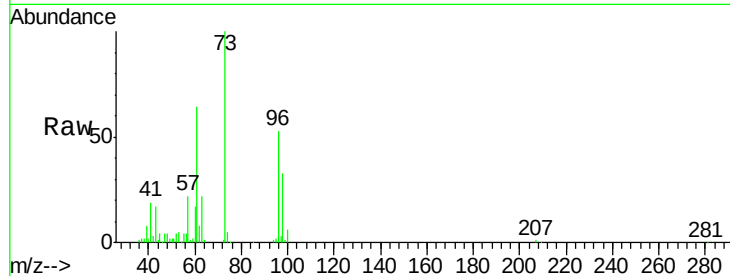




#19
Methyl tert-butyl Ether
Concen: 18.156 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

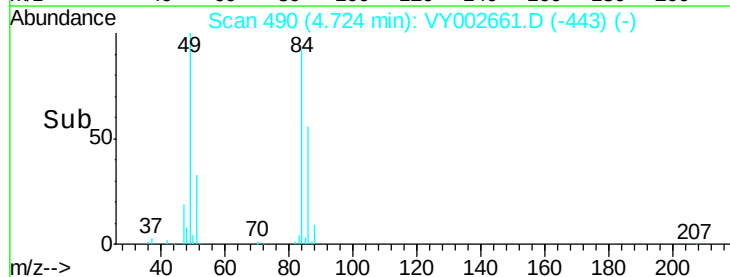
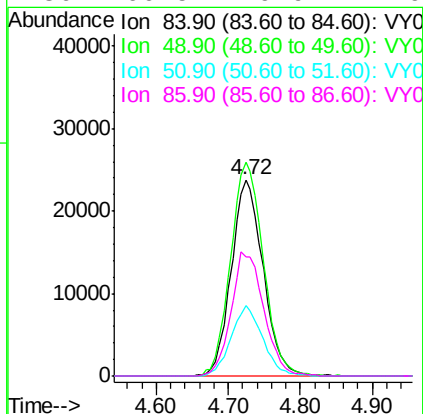
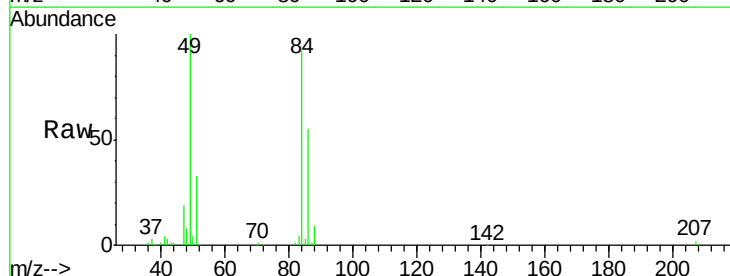
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

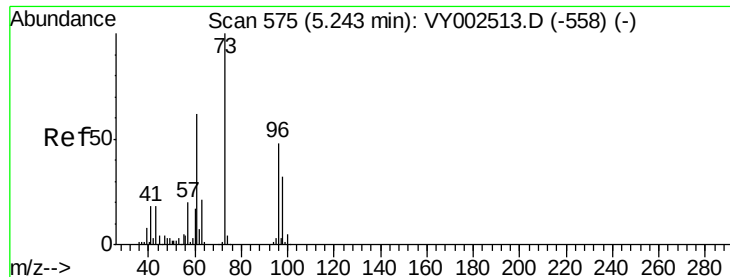
Tot Ion: 73 Resp: 167022
Ion Ratio Lower Upper
73 100
57 21.8 16.3 24.5



#20
Methylene Chloride
Concen: 18.374 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

Tgt Ion: 84 Resp: 73029
Ion Ratio Lower Upper
84 100
49 109.0 90.5 135.7
51 35.8 28.3 42.5
86 60.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.548 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

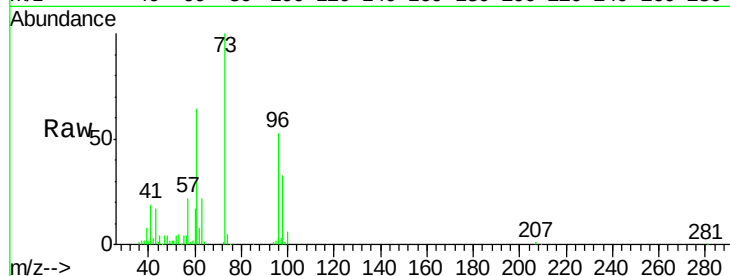
Tot Ion: 96 Resp: 71480

Ion Ratio Lower Upper

96 100

61 120.1 102.0 153.0

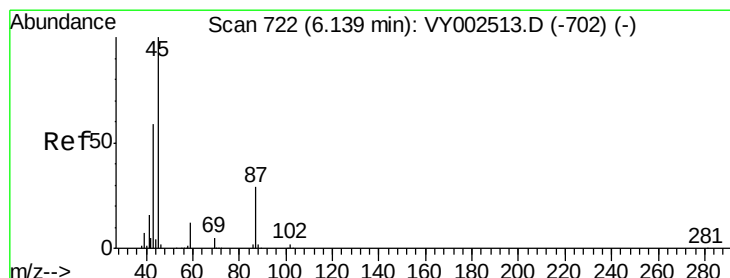
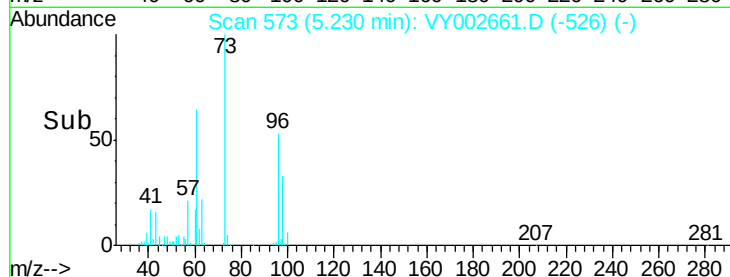
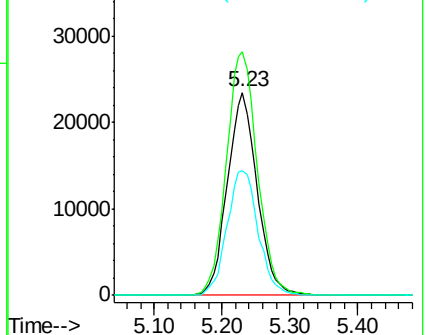
98 61.4 53.0 79.4



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: 19.419 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Tgt Ion: 45 Resp: 201856

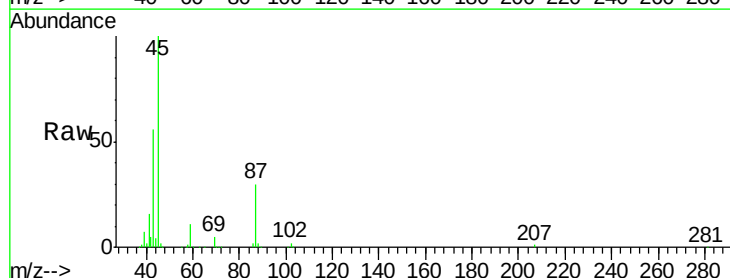
Ion Ratio Lower Upper

45 100

43 56.2 47.4 71.0

87 30.5 24.0 36.0

59 11.3 9.8 14.8

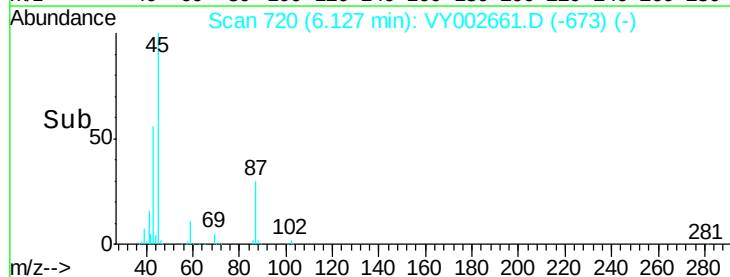
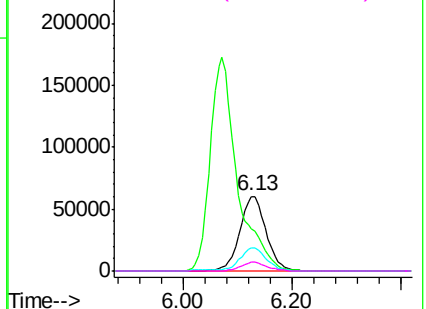


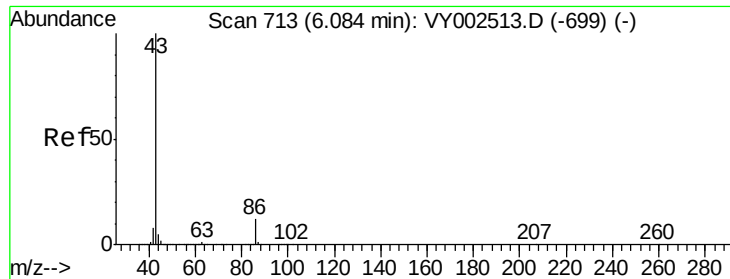
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 90.504 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

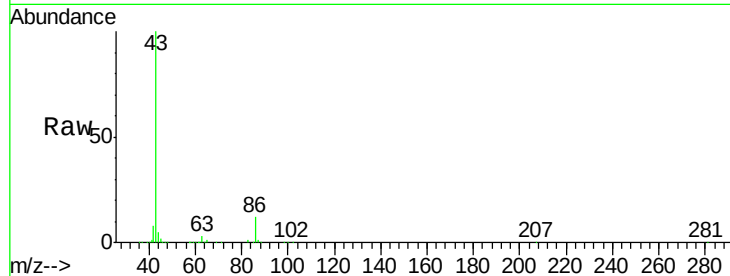
VY0512SBS01

Tot Ion: 43 Resp: 591646

Ion Ratio Lower Upper

43 100

86 12.4 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

150000

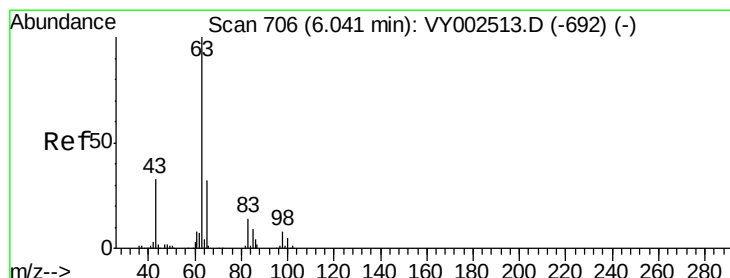
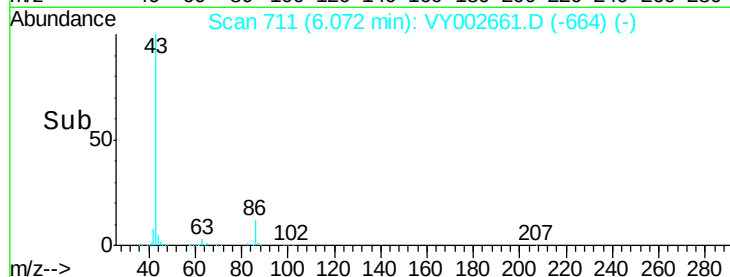
100000

50000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 19.390 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

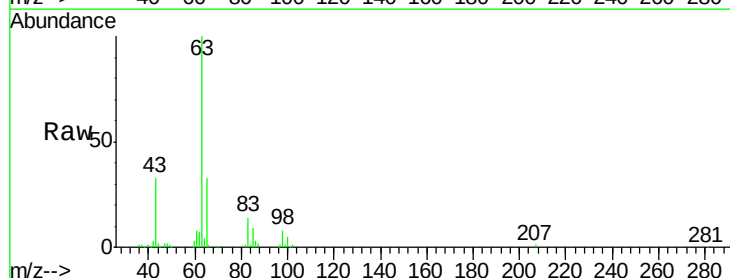
Tgt Ion: 63 Resp: 119238

Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.7

100 4.6 2.4 7.2



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

6.03

50000

40000

30000

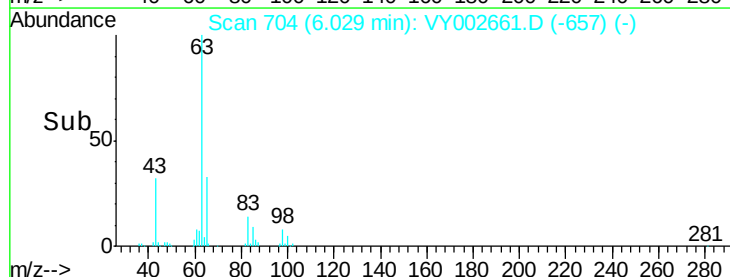
20000

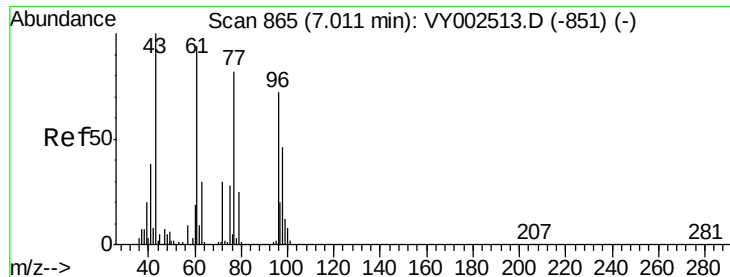
10000

0

Time-->

5.90 6.00 6.10 6.20

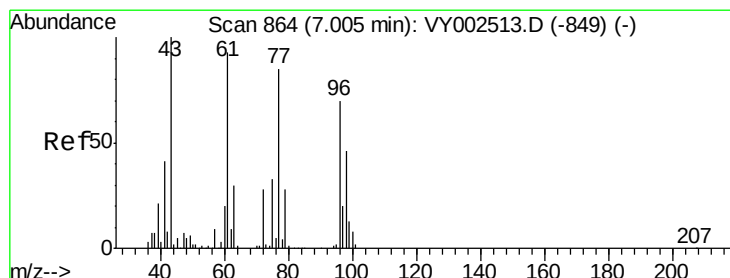
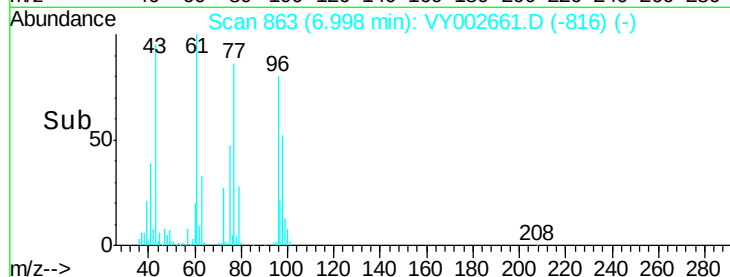
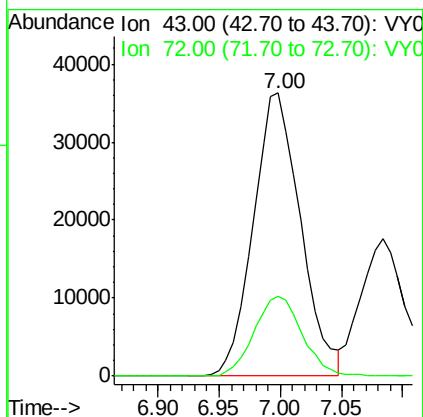
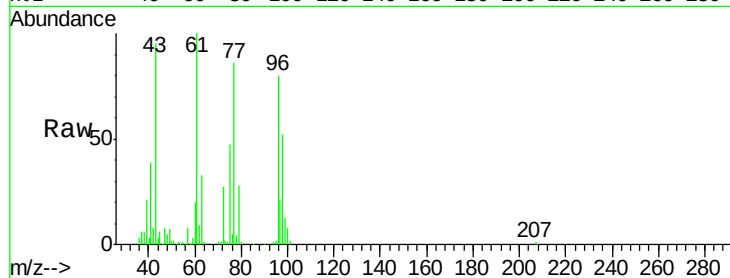




#25
2-Butanone
Concen: 84.078 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

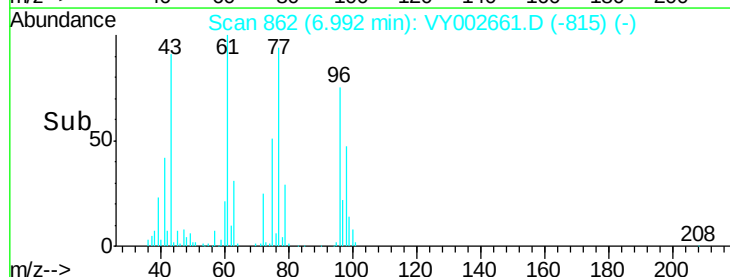
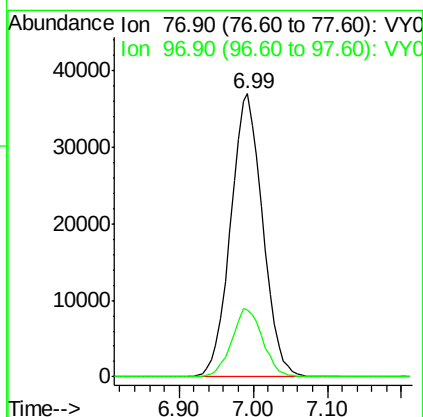
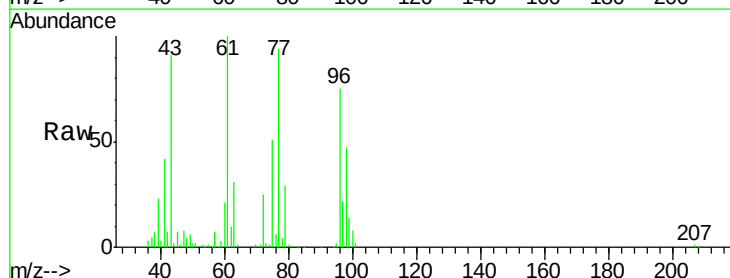
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

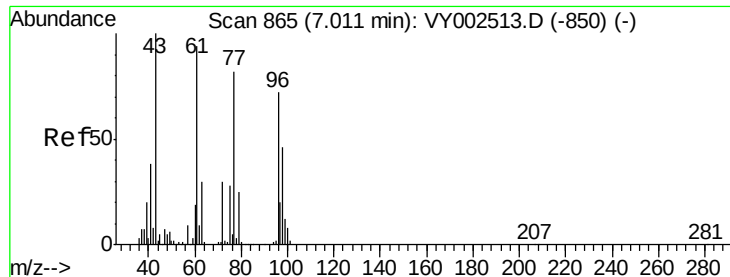
Tot Ion: 43 Resp: 97820
Ion Ratio Lower Upper
43 100
72 28.2 24.1 36.1



#26
2,2-Dichloropropane
Concen: 19.014 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

Tgt Ion: 77 Resp: 111143
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.5



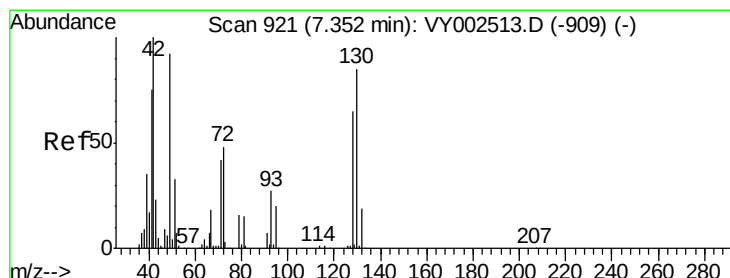
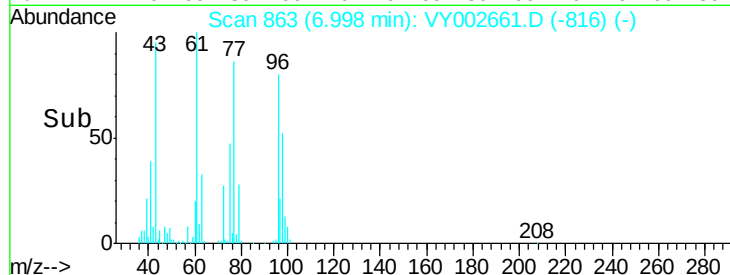
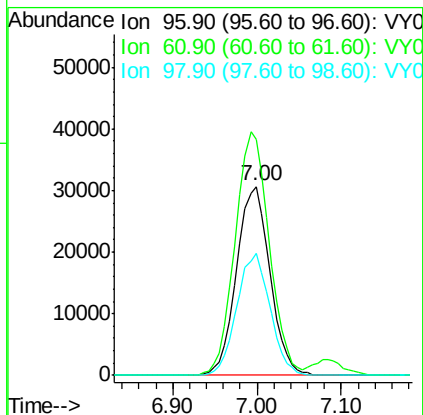
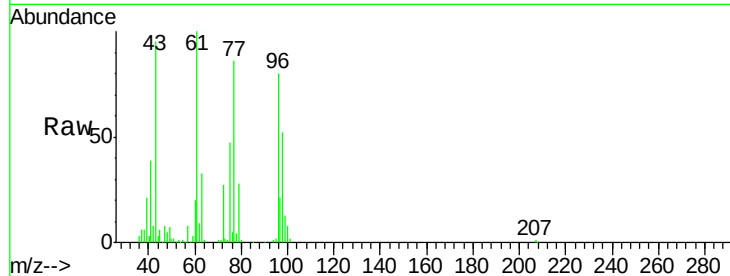


#27

cis-1,2-Dichloroethene
 Concen: 19.282 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

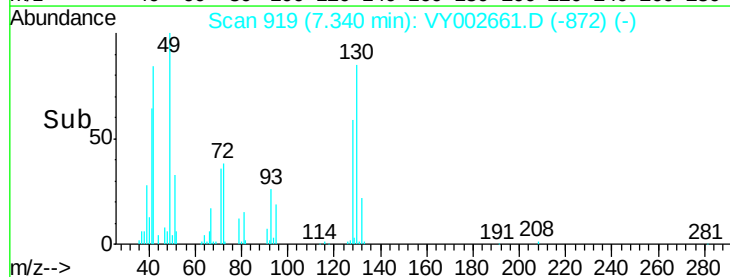
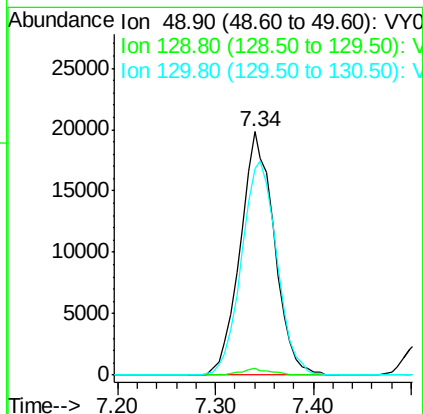
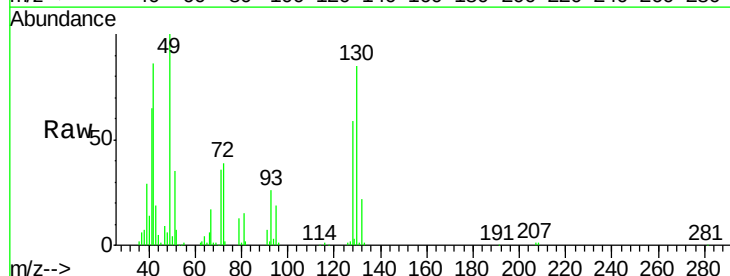
Tot Ion: 96 Resp: 82220
 Ion Ratio Lower Upper
 96 100
 61 132.0 0.0 266.6
 98 64.4 0.0 129.2

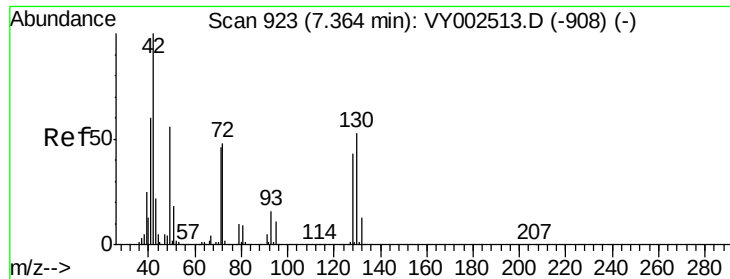


#28

Bromochloromethane
 Concen: 18.972 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

Tgt Ion: 49 Resp: 47801
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 91.6 72.5 108.7





#29

Tetrahydrofuran

Concen: 86.904 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

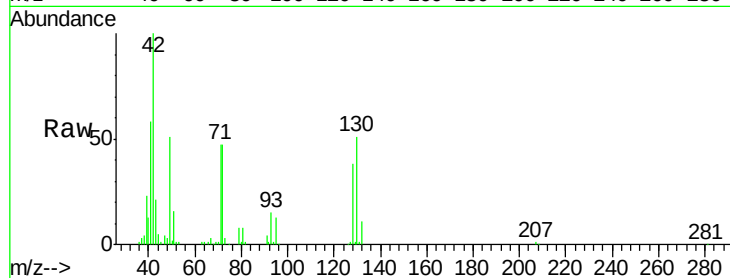
Tot Ion: 42 Resp: 66895

Ion Ratio Lower Upper

42 100

72 48.2 37.4 56.2

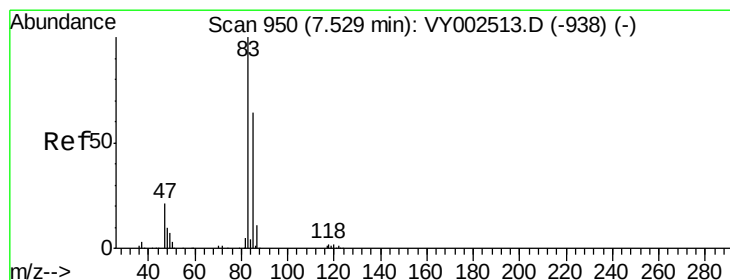
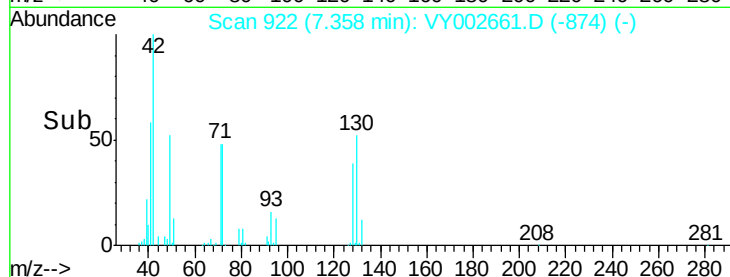
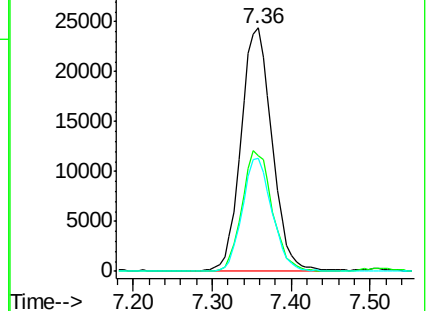
71 44.6 35.0 52.4



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 19.020 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY002661.D

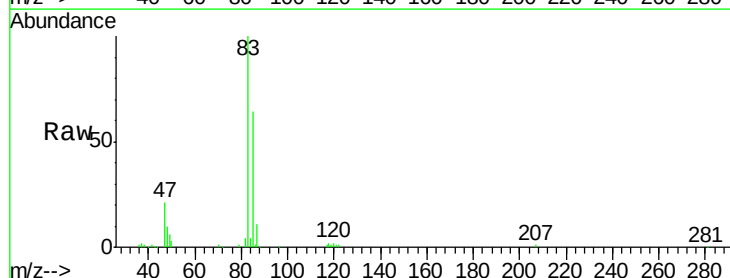
Acq: 12 May 2020 12:25

Tgt Ion: 83 Resp: 121619

Ion Ratio Lower Upper

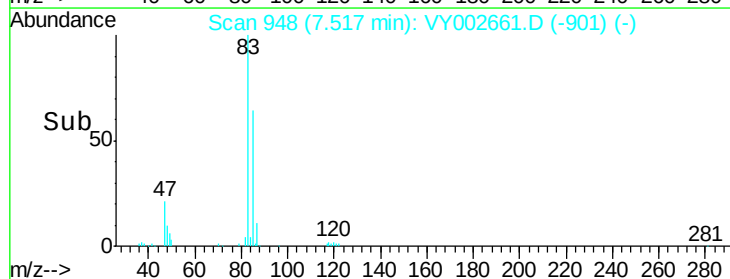
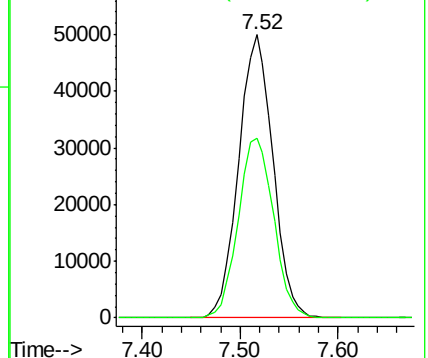
83 100

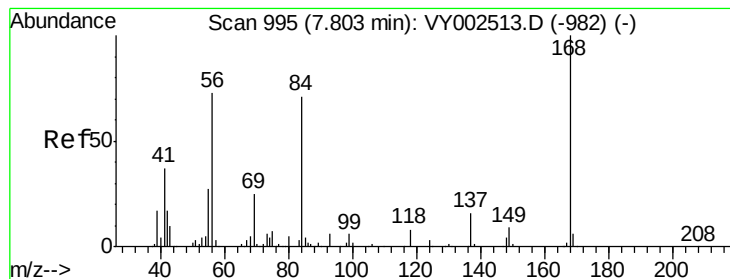
85 63.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 18.405 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBSD01

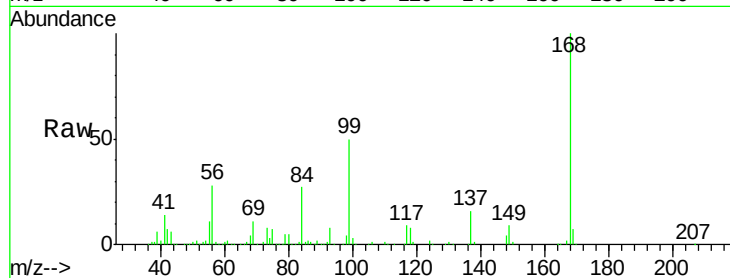
Tot Ion: 56 Resp: 113924

Ion Ratio Lower Upper

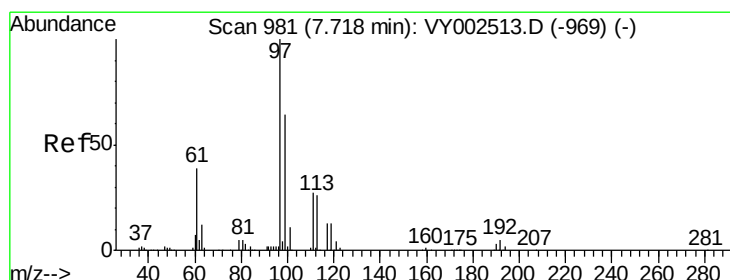
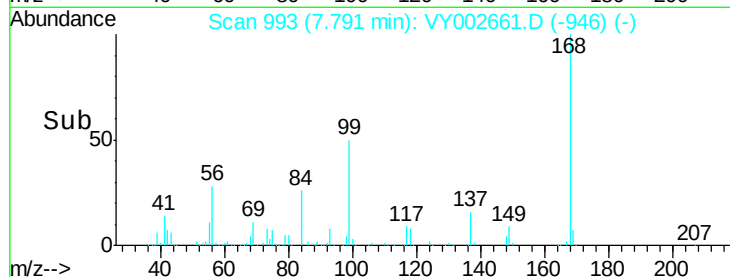
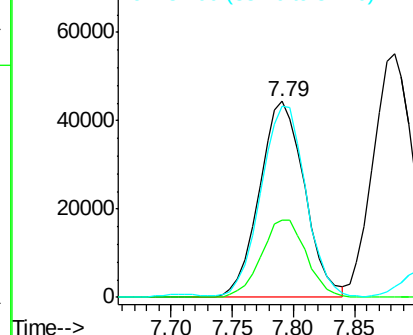
56 100

69 39.7 27.6 41.4

84 96.0 77.7 116.5



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: 18.958 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

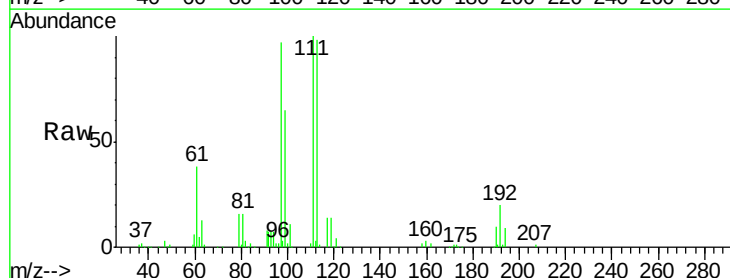
Tgt Ion: 97 Resp: 112668

Ion Ratio Lower Upper

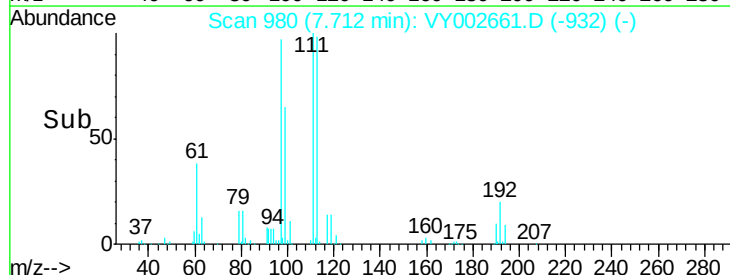
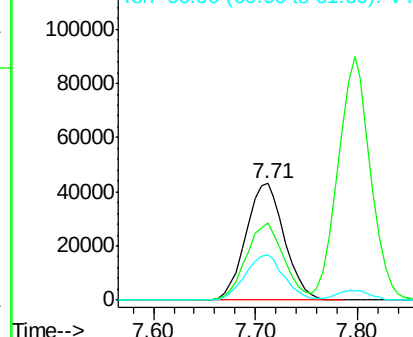
97 100

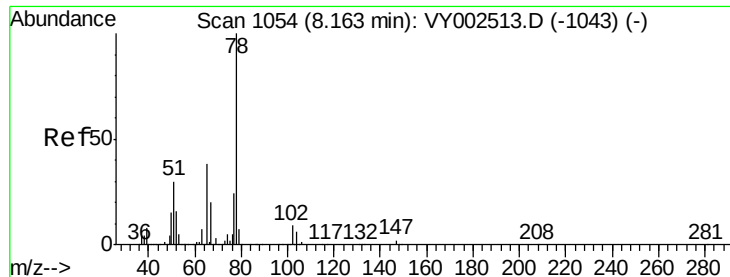
99 65.5 51.9 77.9

61 38.9 31.0 46.6



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

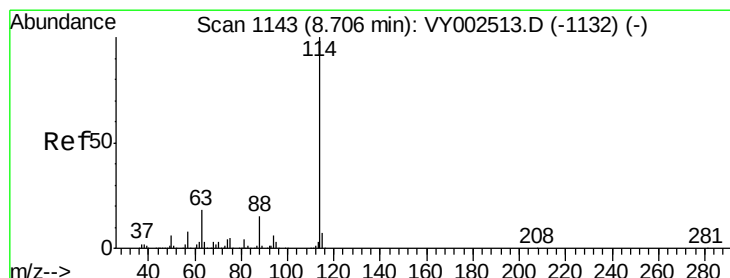
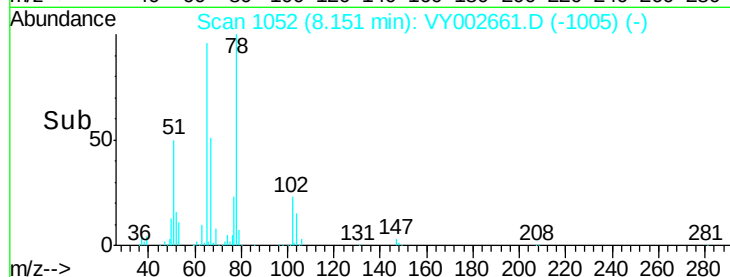
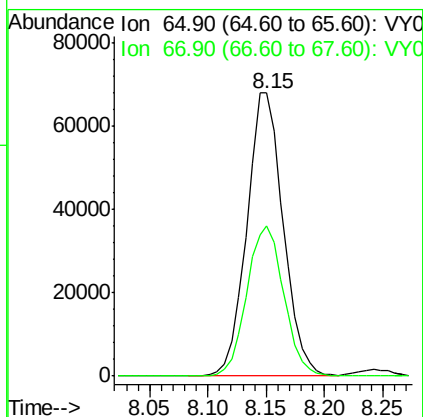
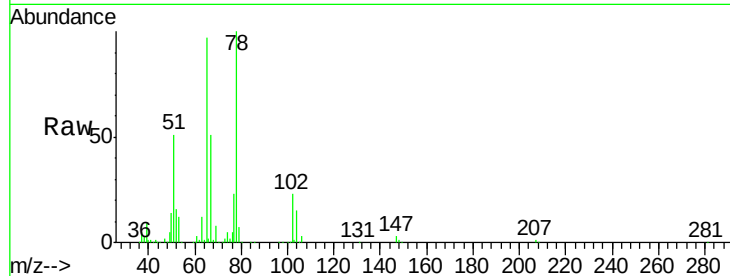




#33
 1,2-Dichloroethane-d4
 Concen: 42.945 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

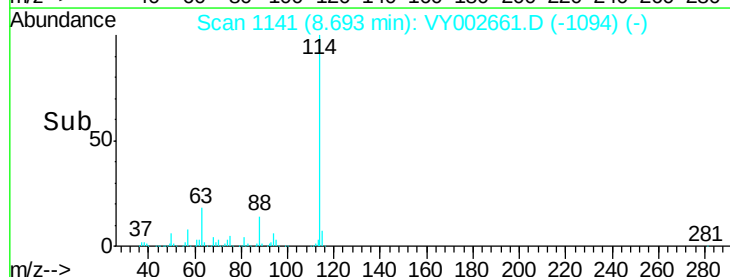
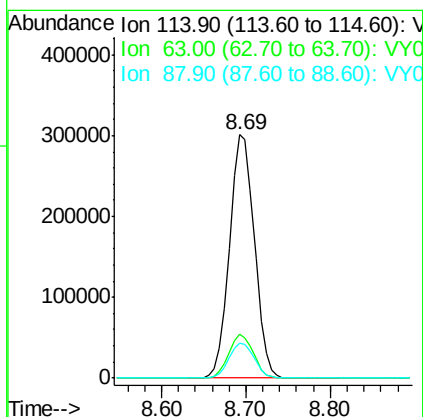
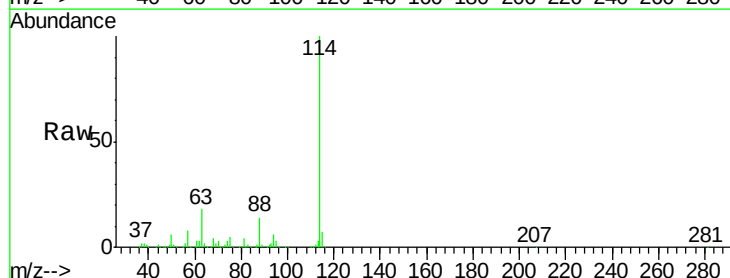
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

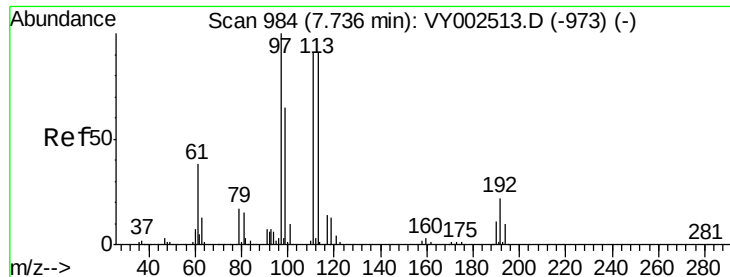
Tot Ion: 65 Resp: 147899
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

Tgt Ion: 114 Resp: 601137
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.4
 88 14.4 0.0 29.6

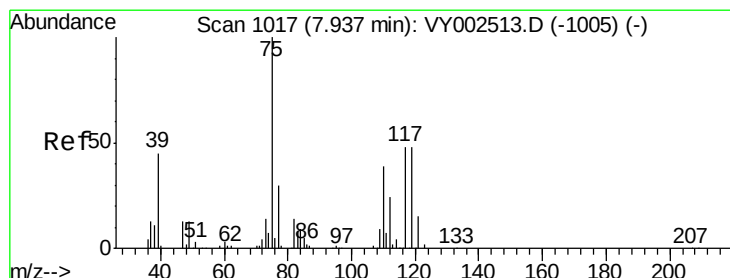
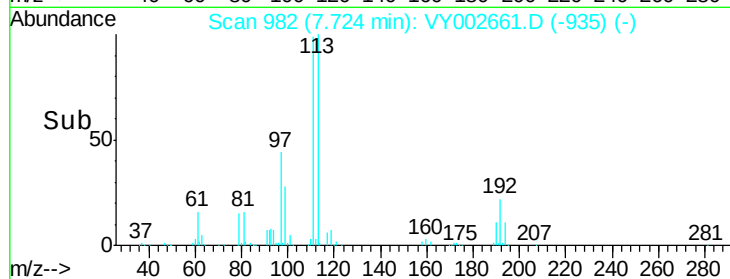
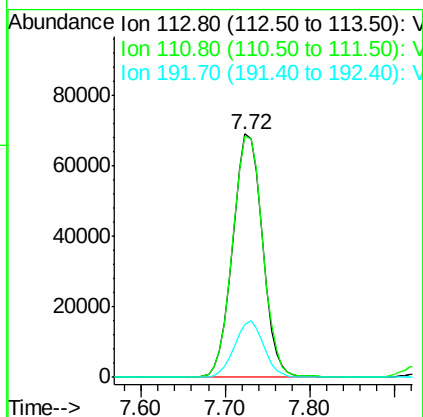
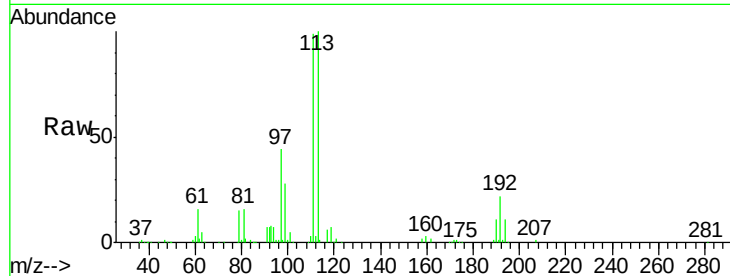




#35
 Dibromofluoromethane
 Concen: 47.751 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

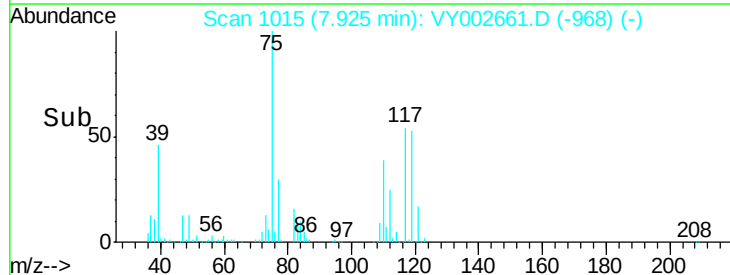
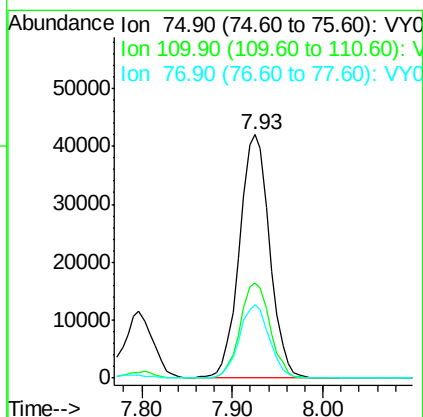
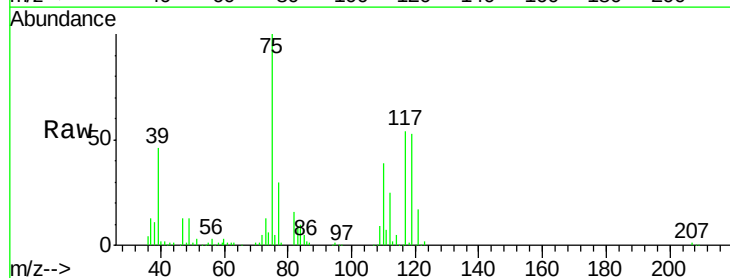
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBSD01

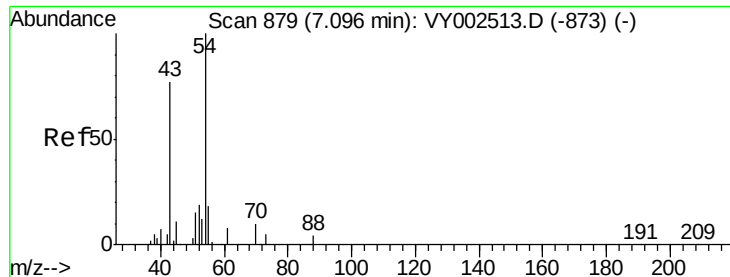
Tot Ion:113 Resp: 164165
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.8 122.6
 192 22.8 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 19.238 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

Tgt Ion: 75 Resp: 96949
 Ion Ratio Lower Upper
 75 100
 110 38.7 19.1 57.3
 77 30.2 24.6 37.0

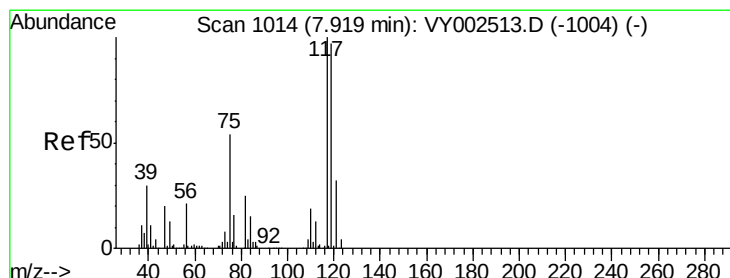
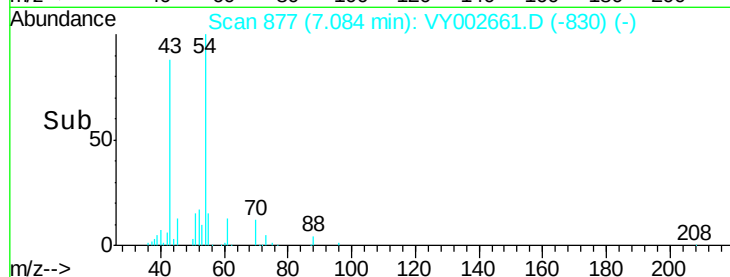
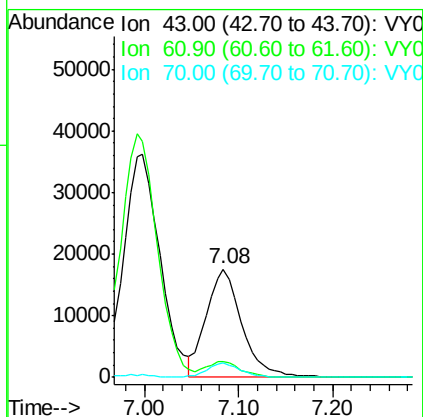
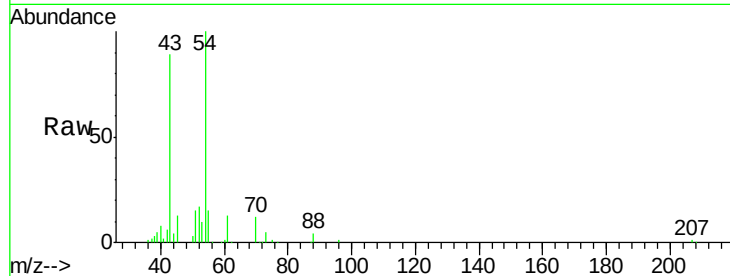




#37
Ethyl Acetate
Concen: 17.644 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

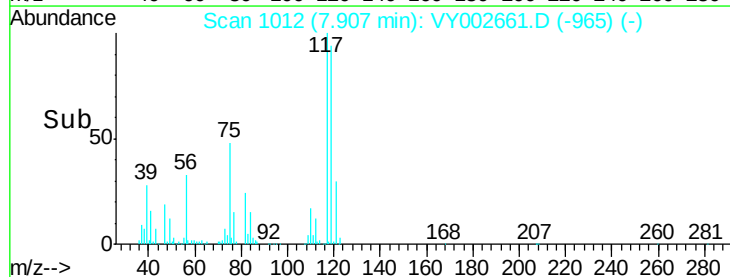
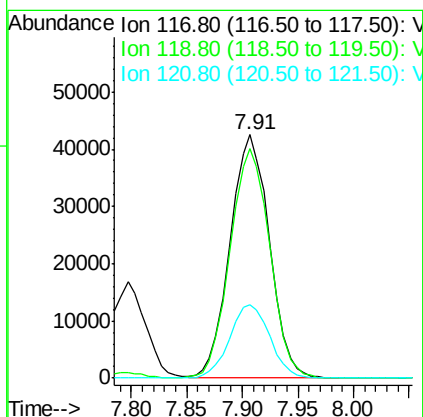
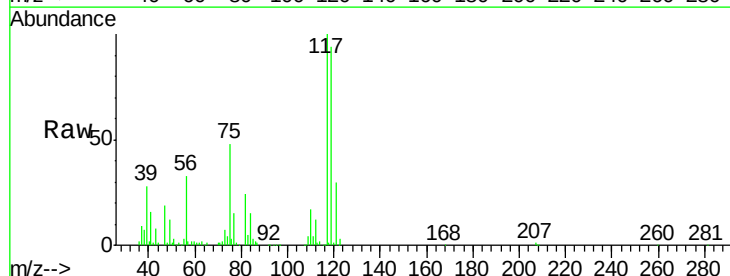
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

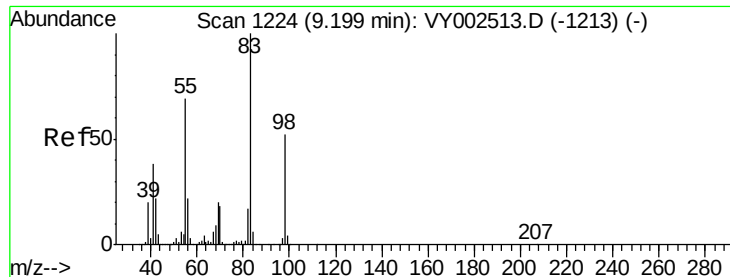
Tot Ion: 43 Resp: 45692
Ion Ratio Lower Upper
43 100
61 14.5 11.6 17.4
70 12.2 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.957 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

Tgt Ion: 117 Resp: 104299
Ion Ratio Lower Upper
117 100
119 94.1 77.1 115.7
121 29.9 25.2 37.8

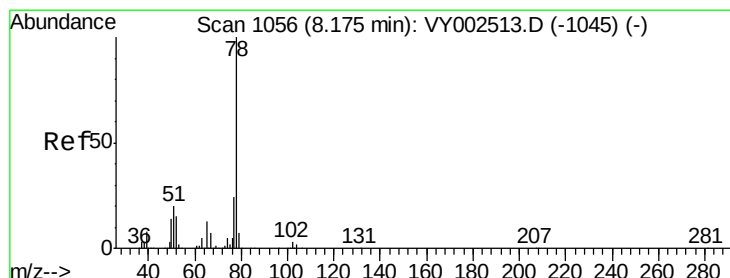
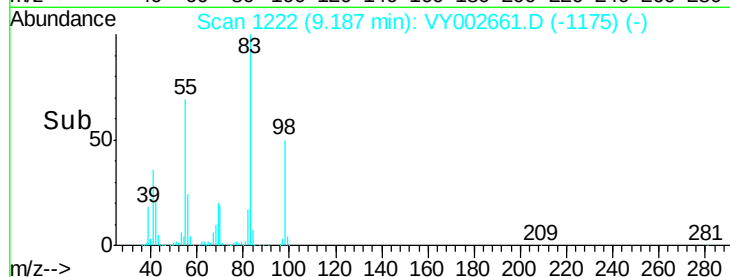
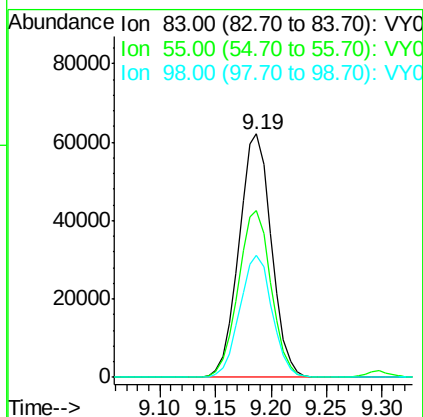
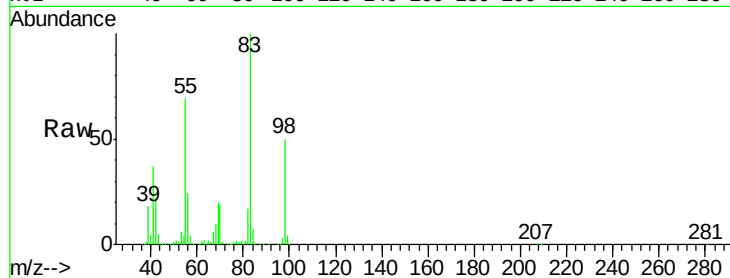




#39
Methylvlcyclohexane
Concen: 18.910 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

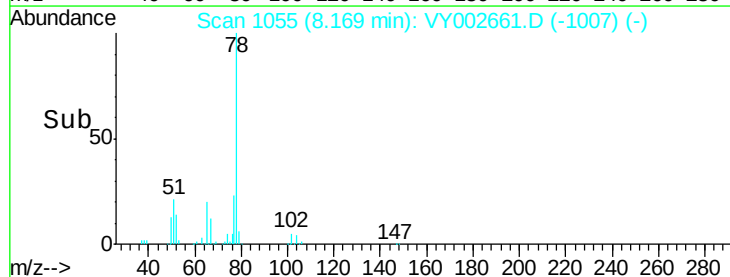
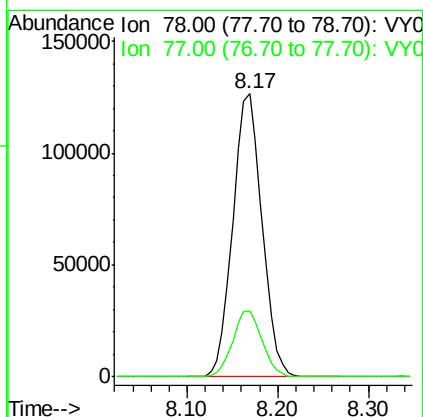
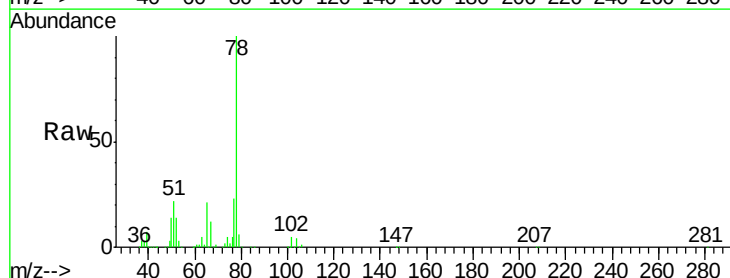
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

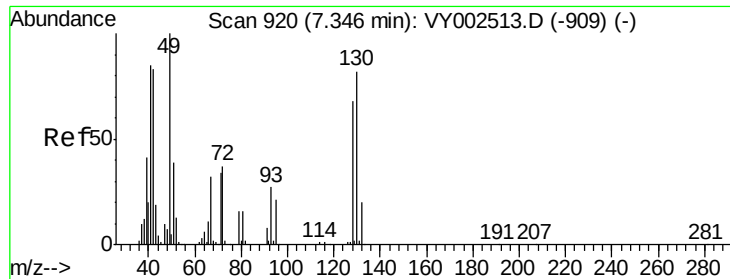
Tot Ion: 83 Resp: 125863
Ion Ratio Lower Upper
83 100
55 68.7 55.4 83.0
98 50.2 41.3 61.9



#40
Benzene
Concen: 19.383 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

Tgt Ion: 78 Resp: 282115
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8

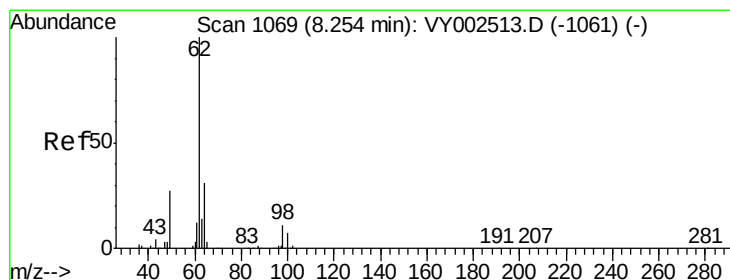
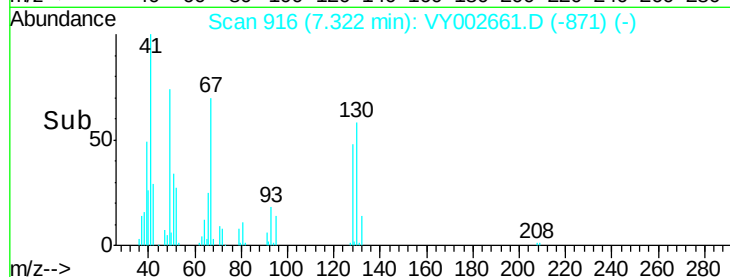
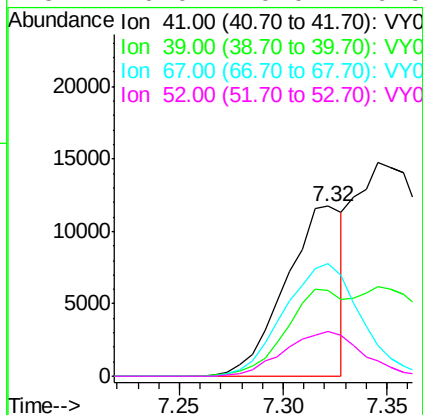
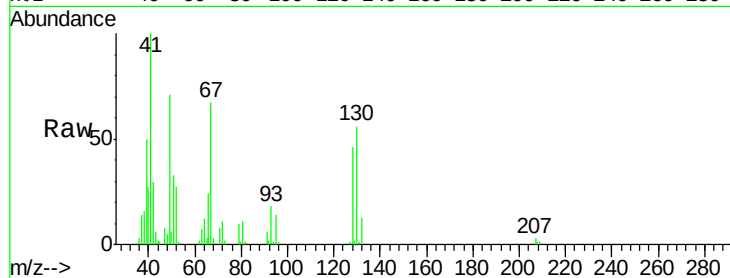




#41
Methacrylonitrile
Concen: 16.175 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.02 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

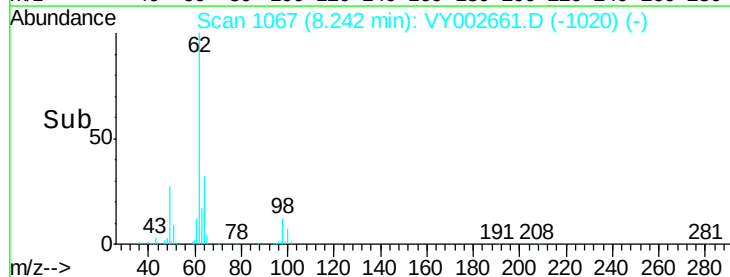
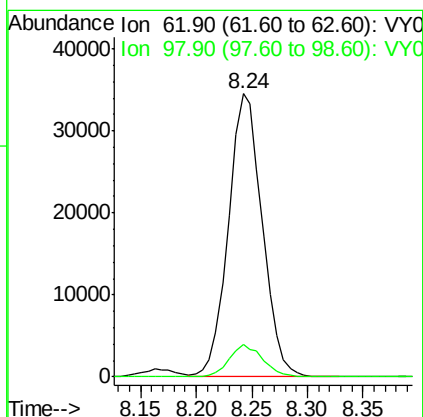
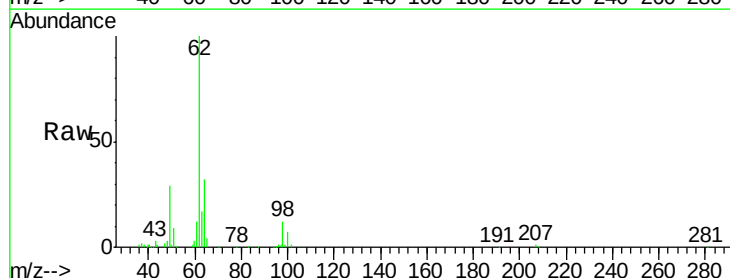
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

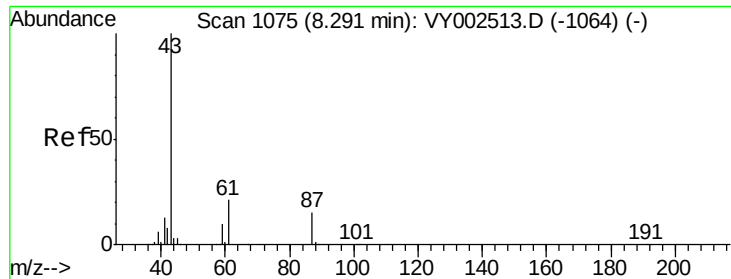
Tot Ion:	41	Resp:	22521
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 17.845 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

Tgt Ion:	62	Resp:	72856
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.0





#43

Isopropyl Acetate

Concen: 17.829 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

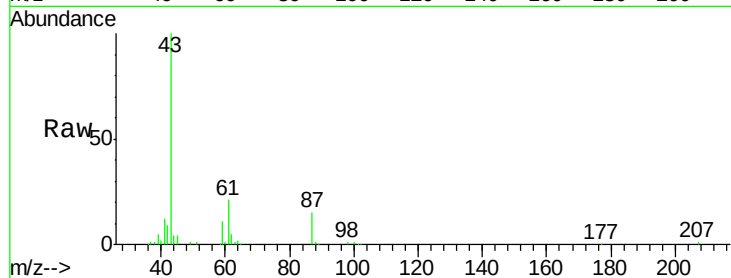
Tot Ion: 43 Resp: 86555

Ion Ratio Lower Upper

43 100

61 31.9 24.8 37.2

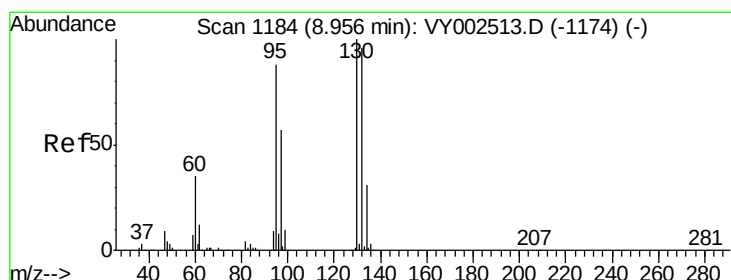
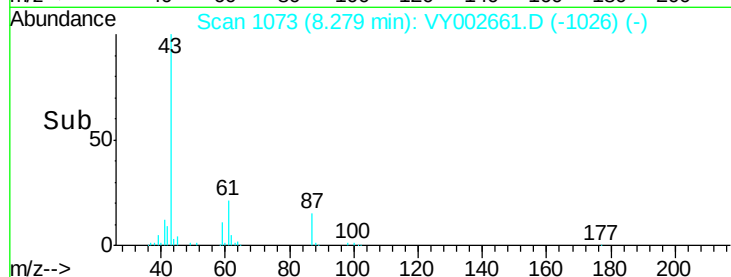
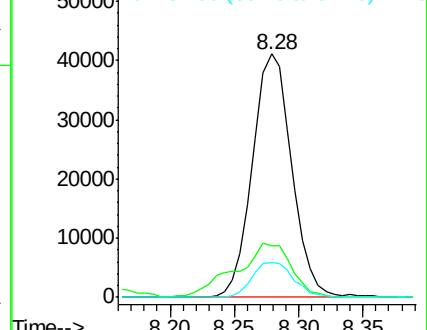
87 15.3 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 19.896 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY002661.D

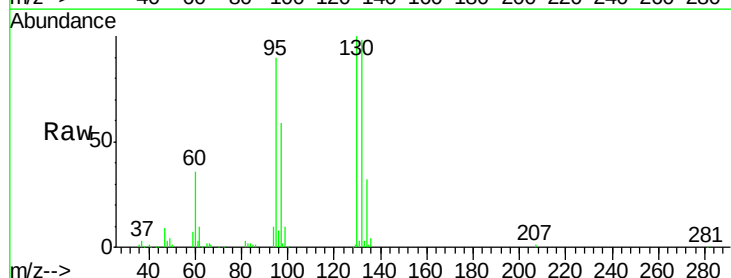
Acq: 12 May 2020 12:25

Tgt Ion: 130 Resp: 90499

Ion Ratio Lower Upper

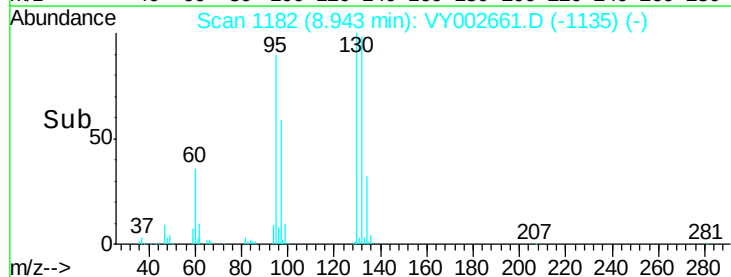
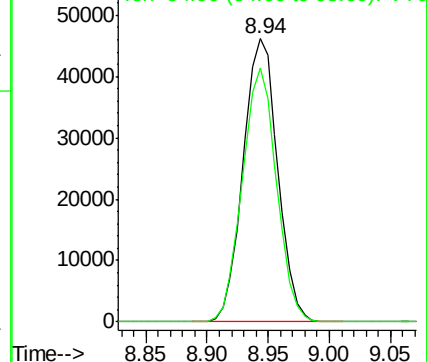
130 100

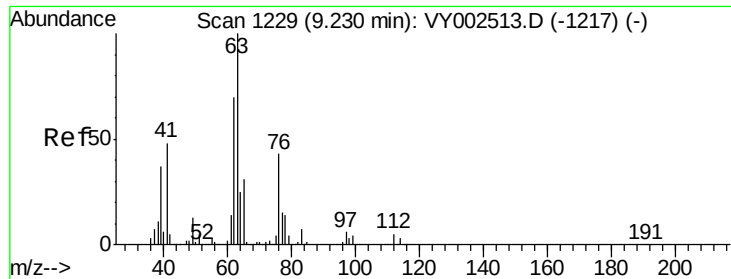
95 89.9 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

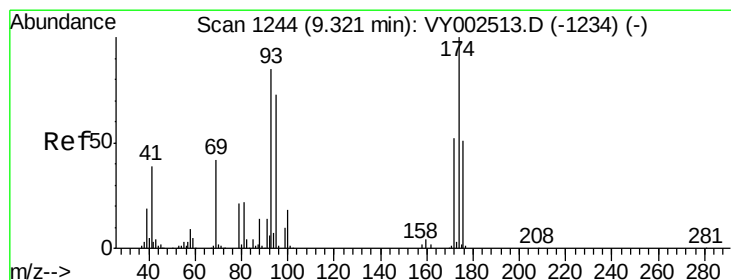
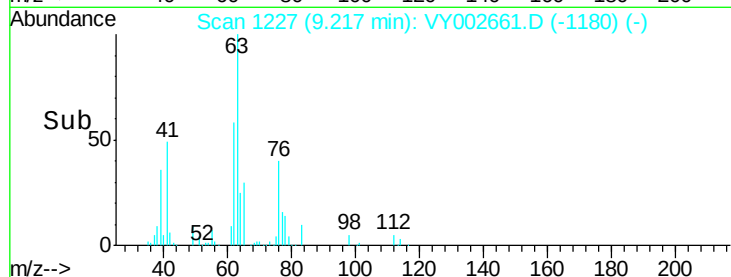
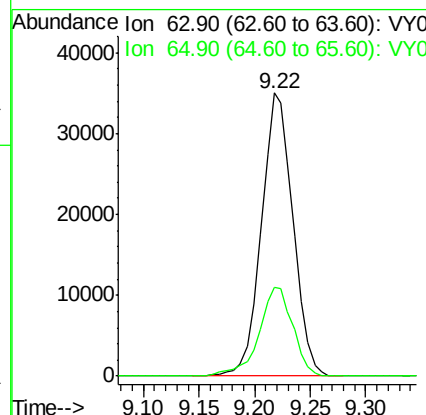
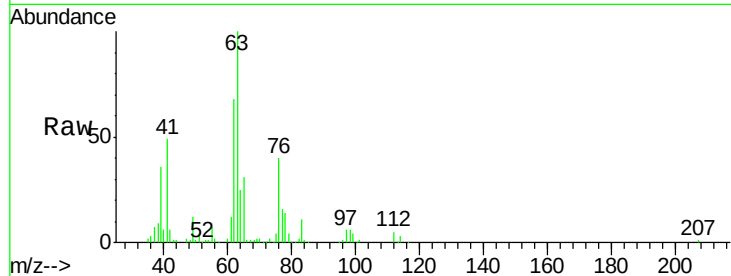




#45
 1,2-Dichloropropane
 Concen: 19.674 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

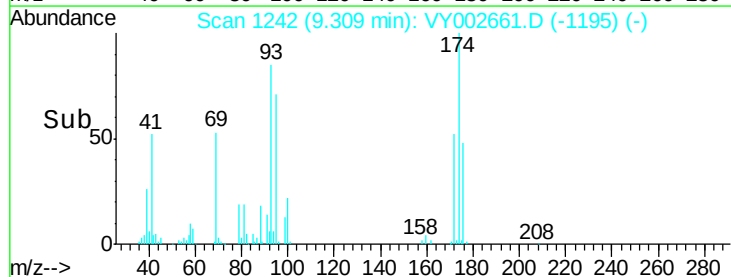
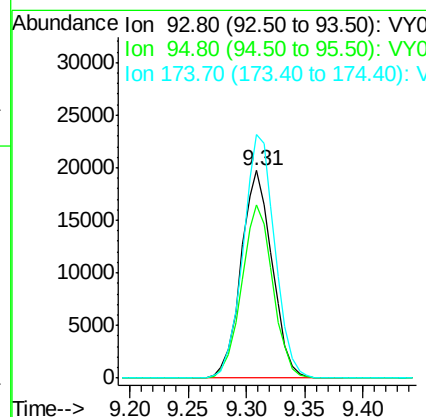
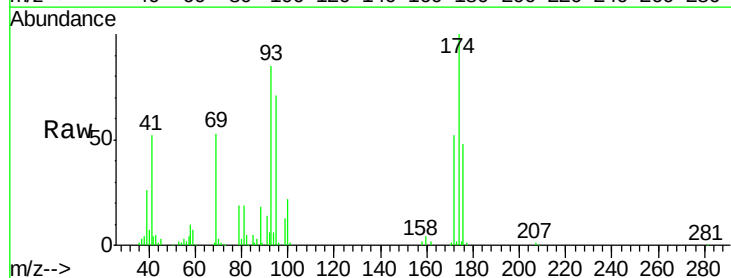
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

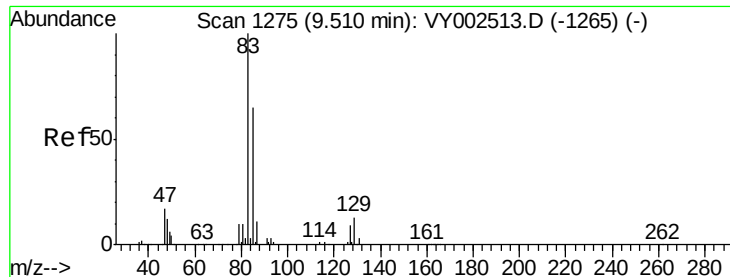
Tot Ion: 63 Resp: 69111
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.5 36.7



#46
 Dibromomethane
 Concen: 18.186 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

Tgt Ion: 93 Resp: 36756
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.0 100.4
 174 119.4 92.7 139.1





#47

Bromodichloromethane

Concen: 19.199 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

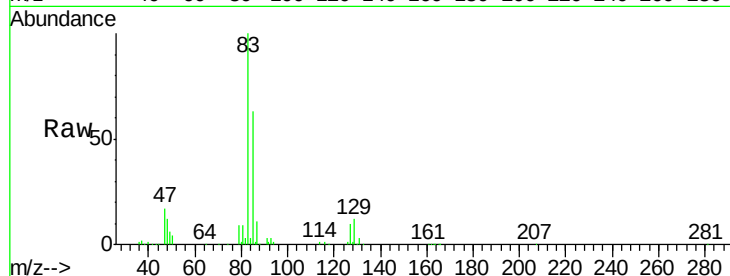
Tot Ion: 83 Resp: 94350

Ion Ratio Lower Upper

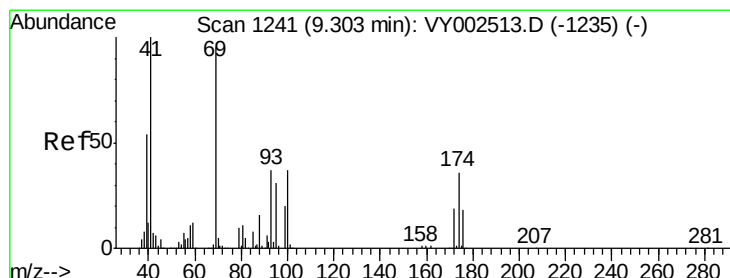
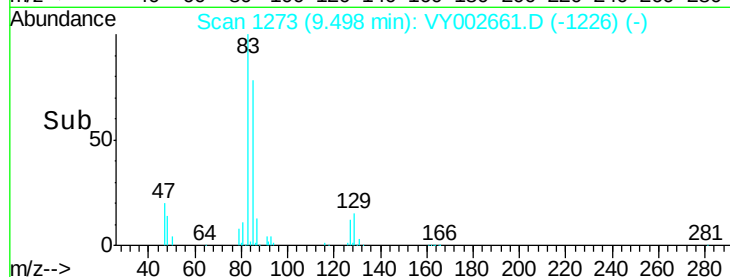
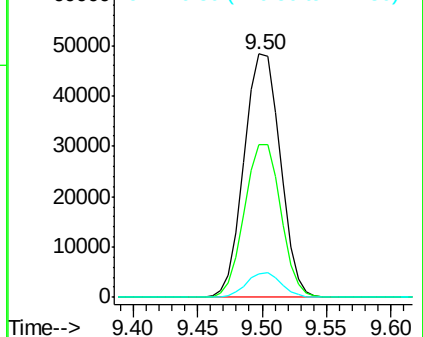
83 100

85 62.7 51.8 77.8

127 9.6 7.4 11.0



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



#48

Methyl methacrylate

Concen: 17.521 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

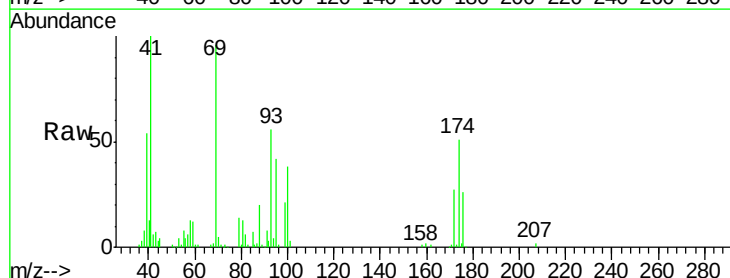
Tgt Ion: 41 Resp: 38497

Ion Ratio Lower Upper

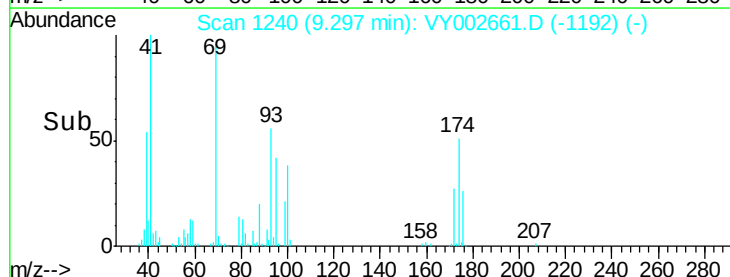
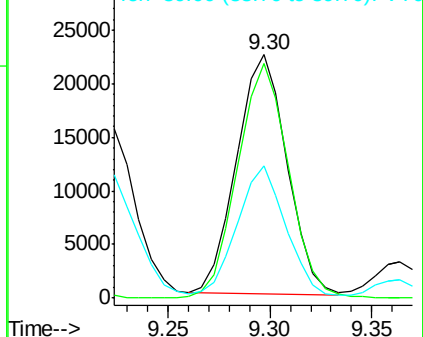
41 100

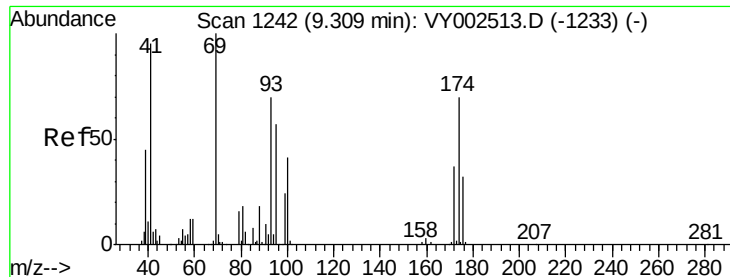
69 99.1 76.2 114.4

39 54.3 42.7 64.1



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





#49

1,4-Dioxane

Concen: 367.004 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

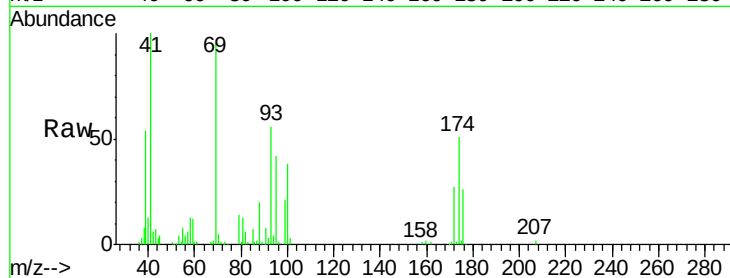
Tot Ion: 88 Resp: 9821

Ion Ratio Lower Upper

88 100

43 32.1 22.8 34.2

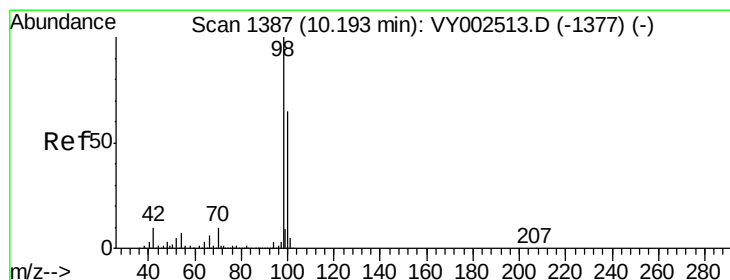
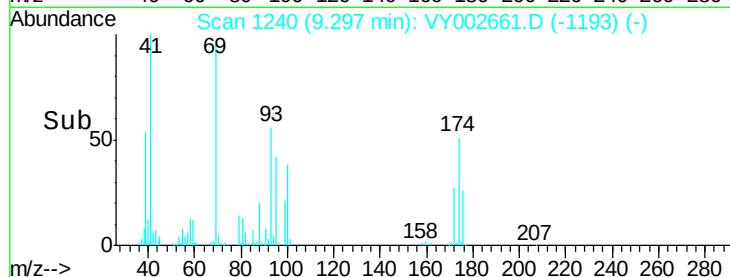
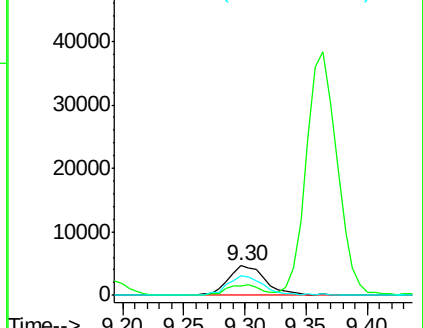
58 63.1 51.4 77.2



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: 47.582 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002661.D

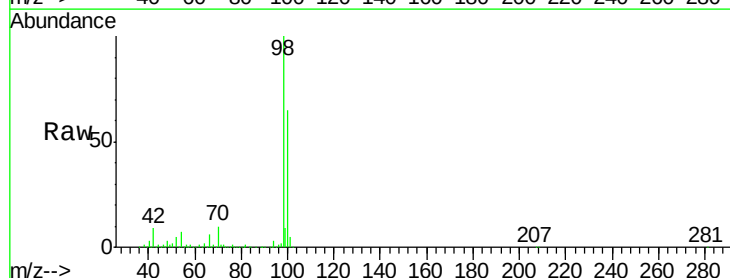
Acq: 12 May 2020 12:25

Tgt Ion: 98 Resp: 638812

Ion Ratio Lower Upper

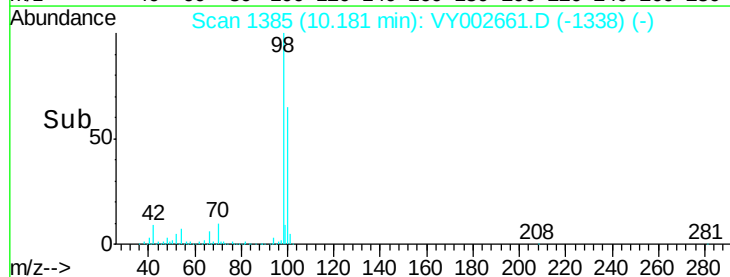
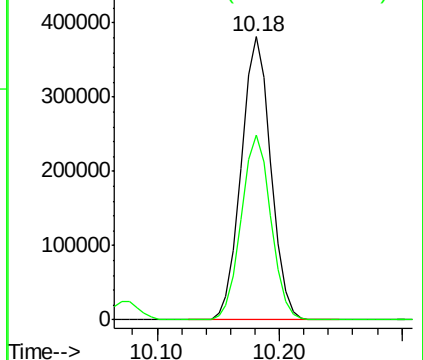
98 100

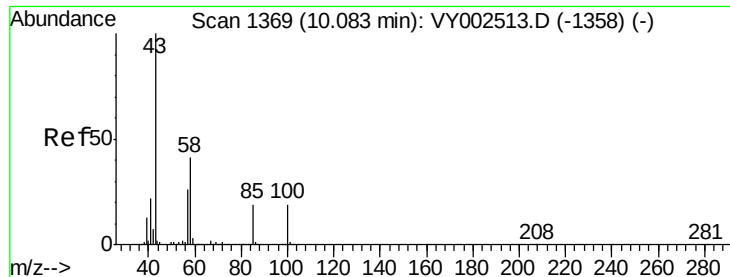
100 65.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

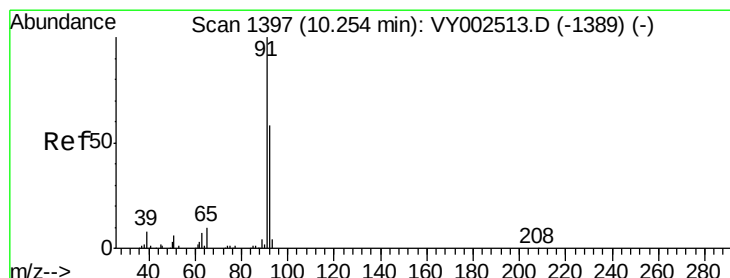
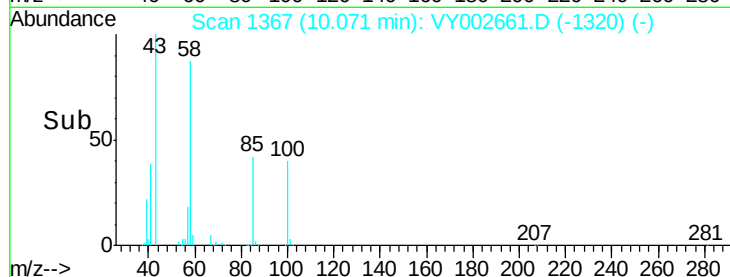
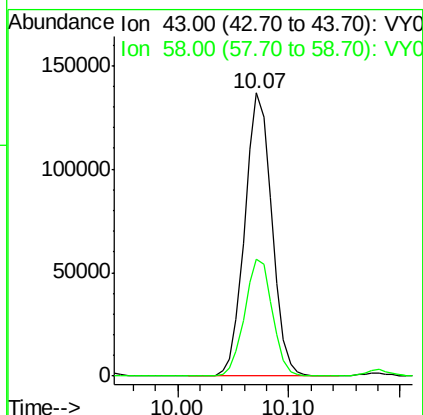
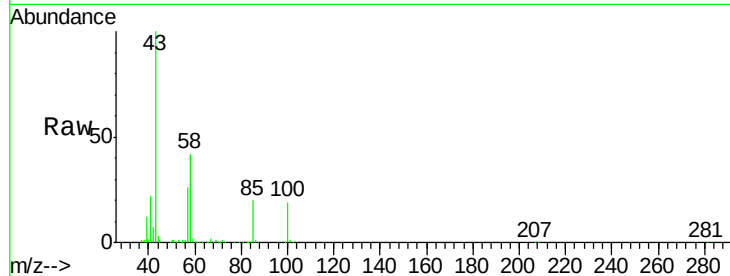




#51
 4-Methyl-2-Pentanone
 Concen: 92.741 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

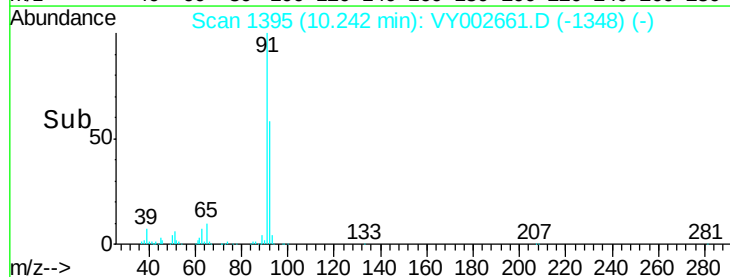
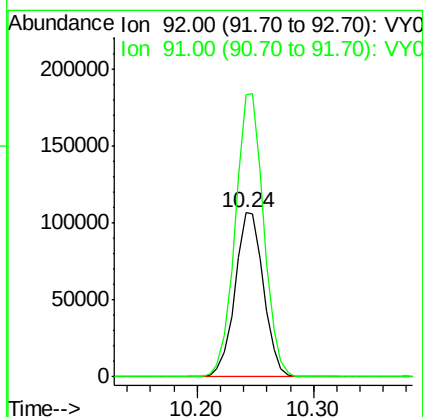
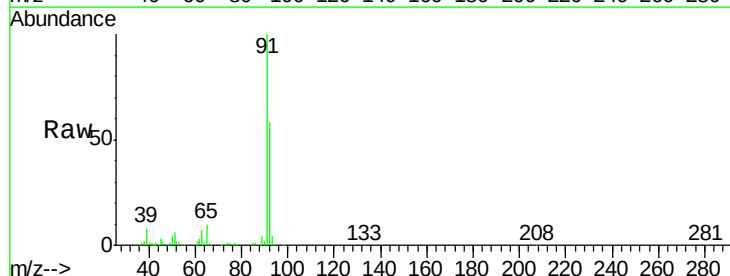
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

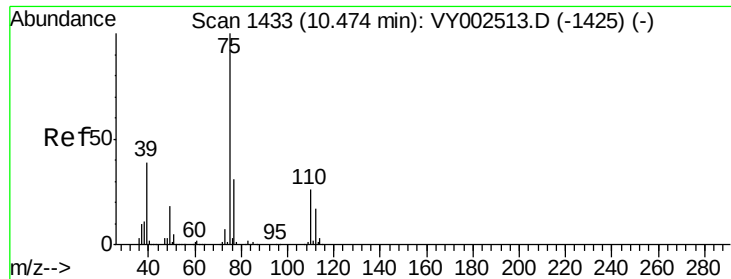
Tot Ion: 43 Resp: 232071
 Ion Ratio Lower Upper
 43 100
 58 42.1 33.2 49.8



#52
 Toluene
 Concen: 19.427 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

Tgt Ion: 92 Resp: 181725
 Ion Ratio Lower Upper
 92 100
 91 172.2 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 18.783 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

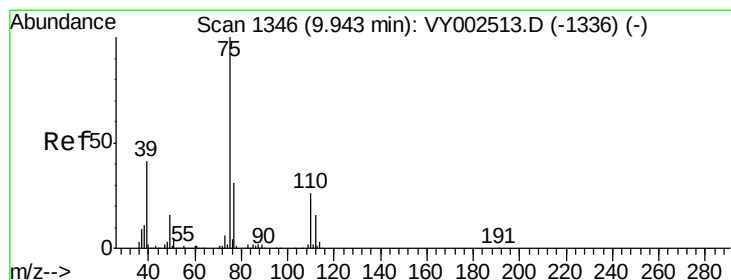
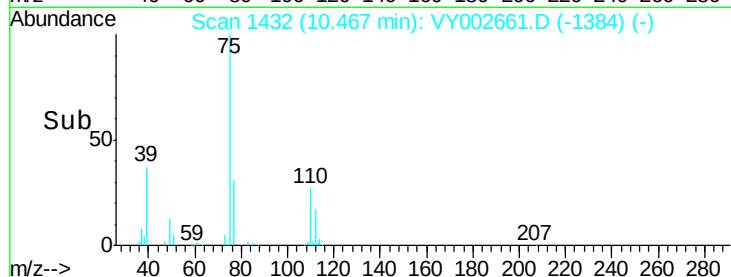
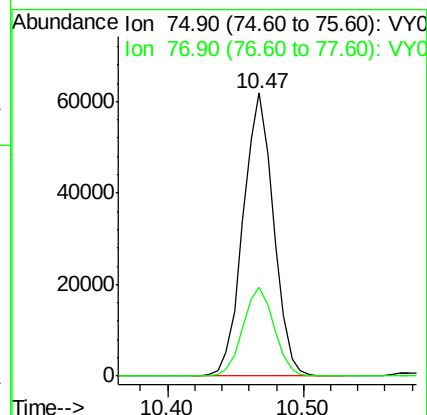
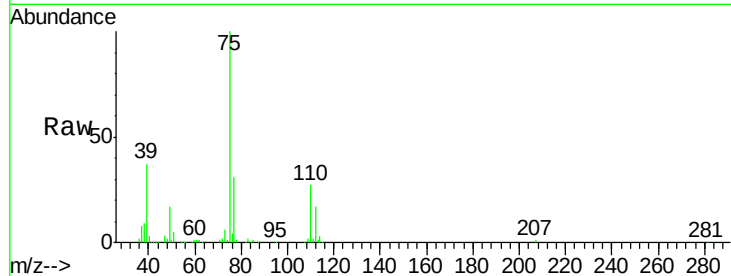
VY0512SBSD01

Tot Ion: 75 Resp: 96713

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.947 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

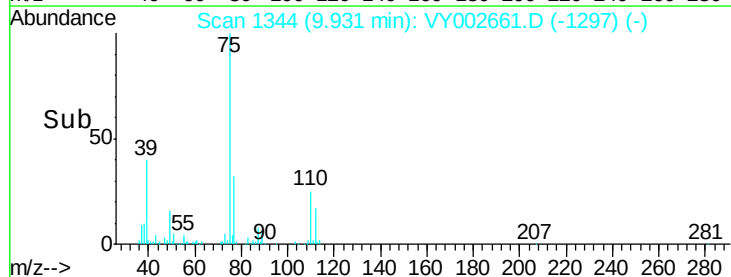
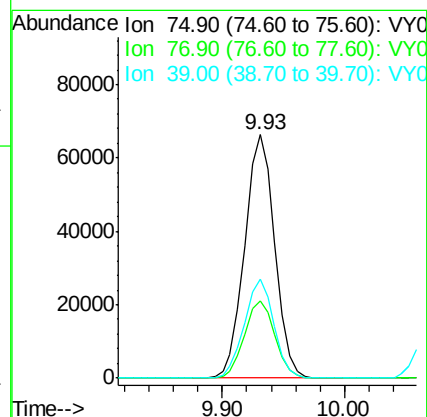
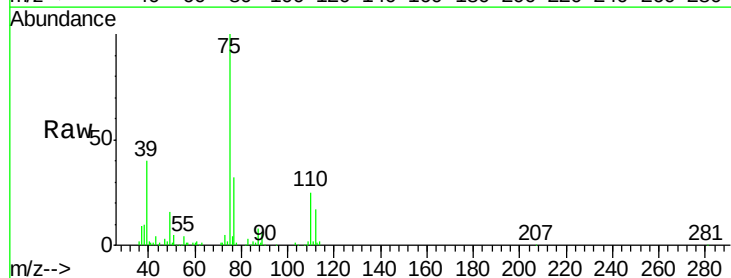
Tgt Ion: 75 Resp: 112785

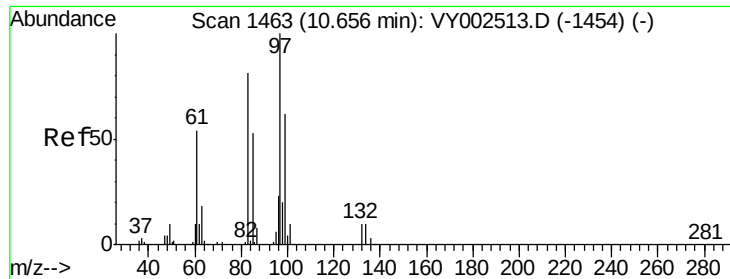
Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

39 40.4 32.7 49.1

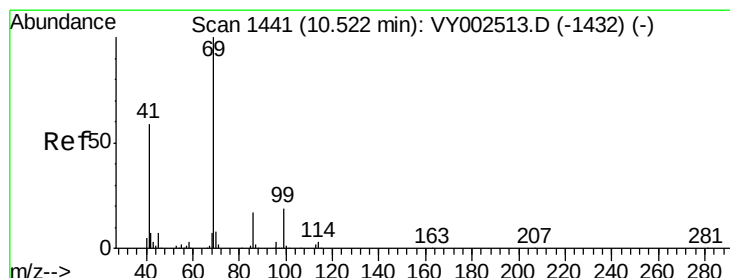
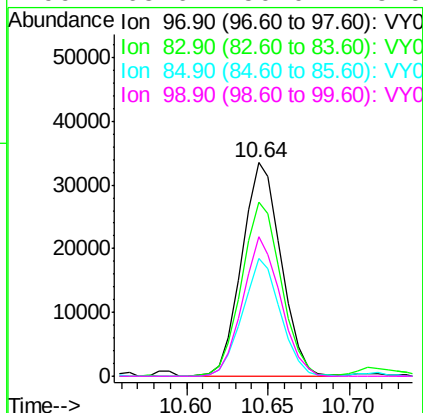
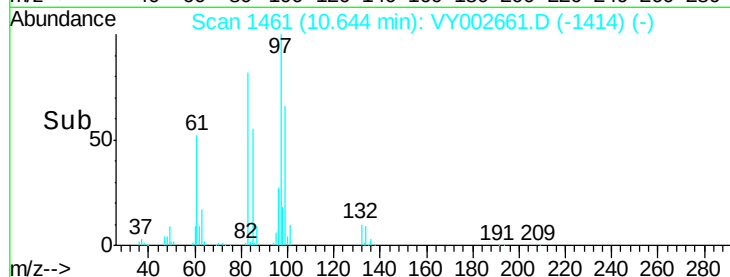
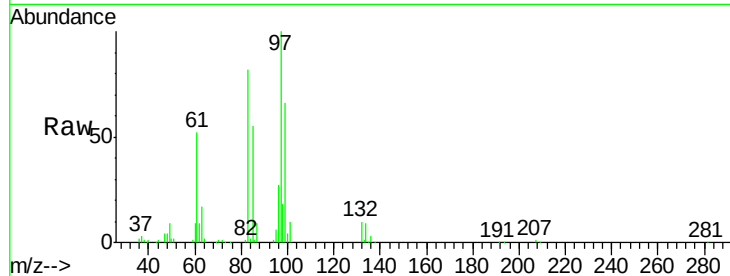




#55
 1,1,2-Trichloroethane
 Concen: 19.035 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

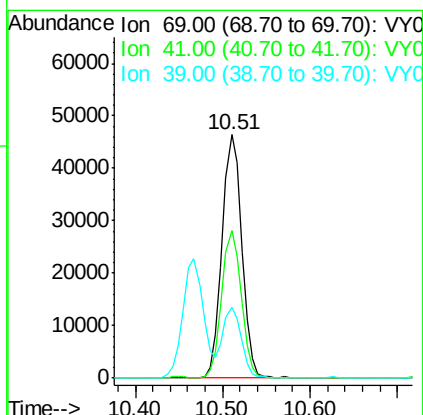
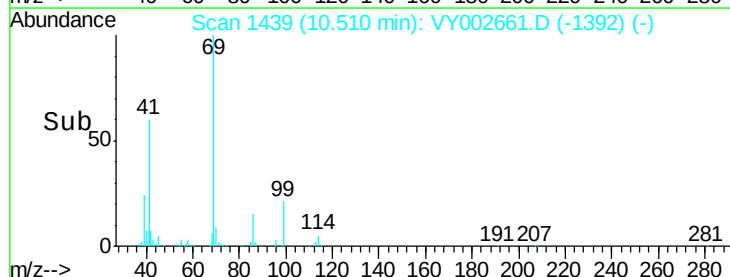
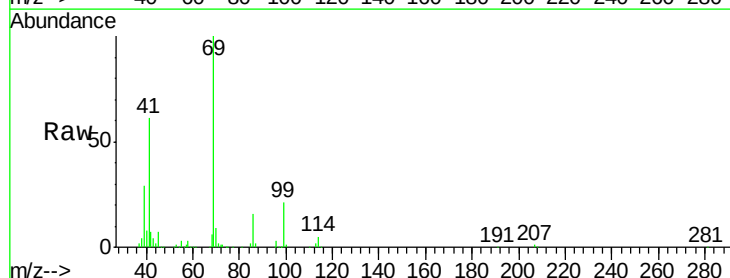
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

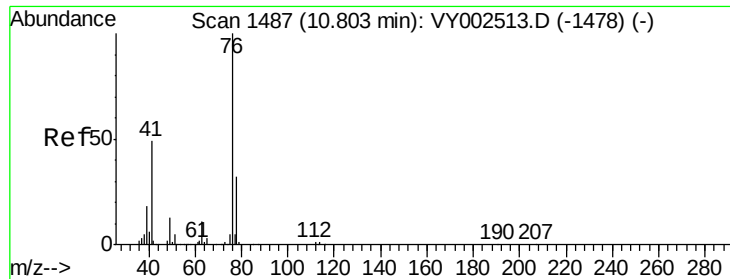
Tot Ion:	97	Resp:	56101
Ion	Ratio	Lower	Upper
97	100		
83	81.7	65.1	97.7
85	55.0	42.7	64.1
99	65.6	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.594 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

Tgt Ion:	69	Resp:	72905
Ion	Ratio	Lower	Upper
69	100		
41	59.5	48.6	73.0
39	27.4	25.0	37.4





#57

1,3-Dichloropropane

Concen: 18.635 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

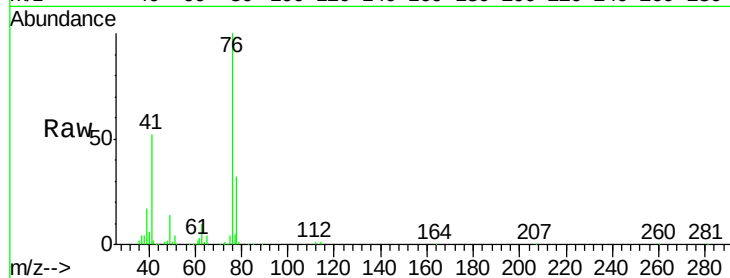
VY0512SBS01

Tot Ion: 76 Resp: 93142

Ion Ratio Lower Upper

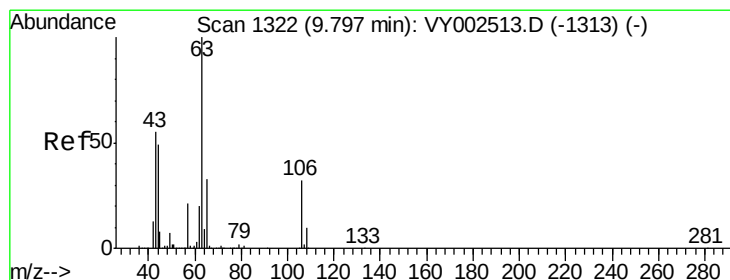
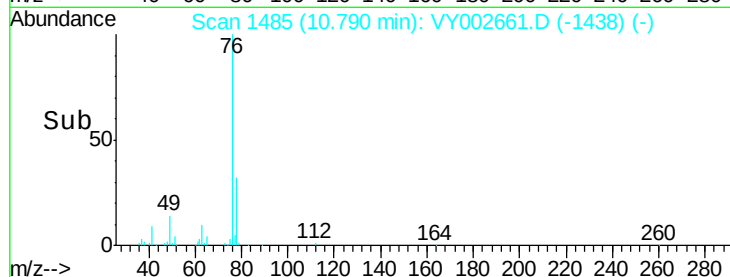
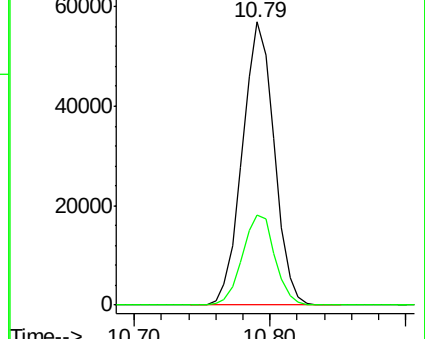
76 100

78 32.4 25.4 38.2



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: 95.811 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY002661.D

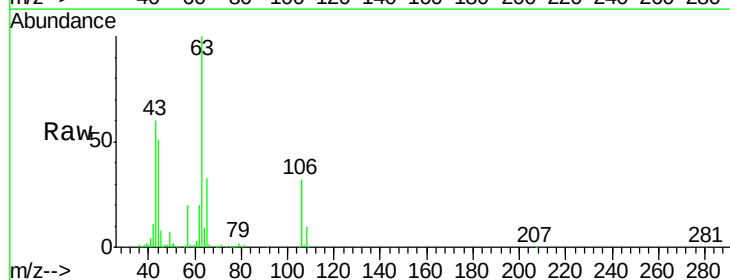
Acq: 12 May 2020 12:25

Tgt Ion: 63 Resp: 198106

Ion Ratio Lower Upper

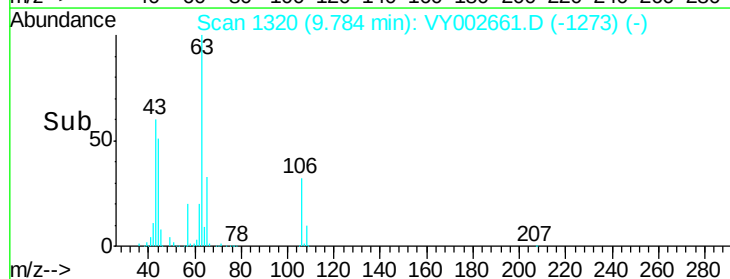
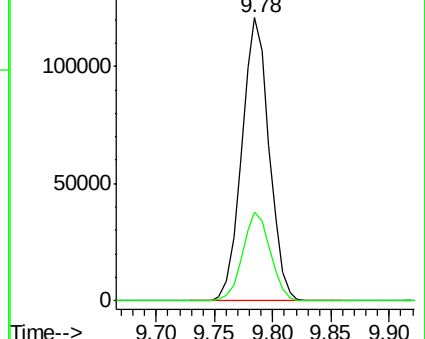
63 100

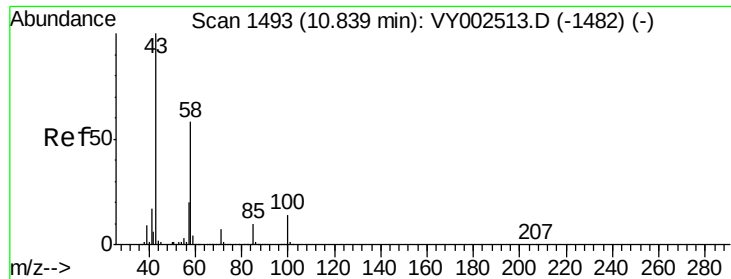
106 31.7 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

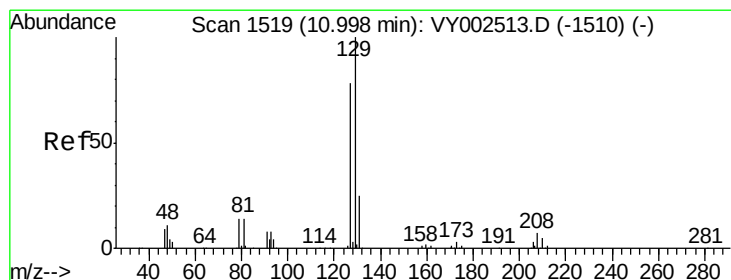
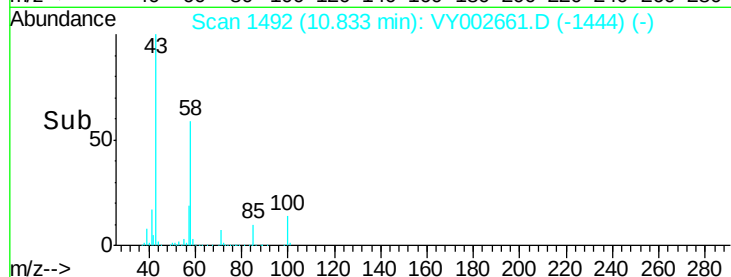
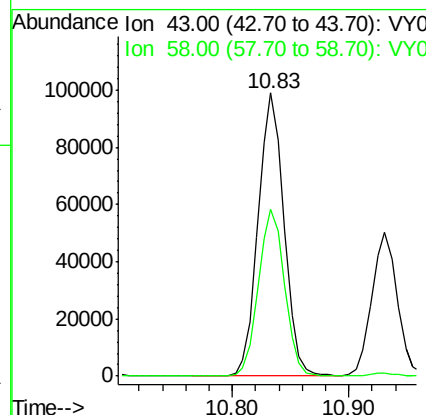
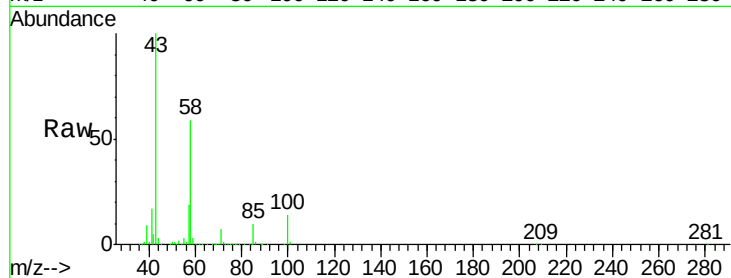




#59
2-Hexanone
Concen: 89.663 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

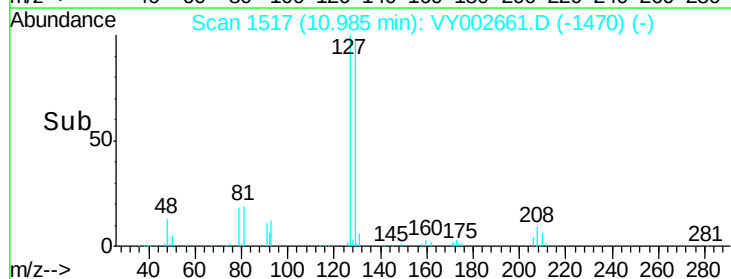
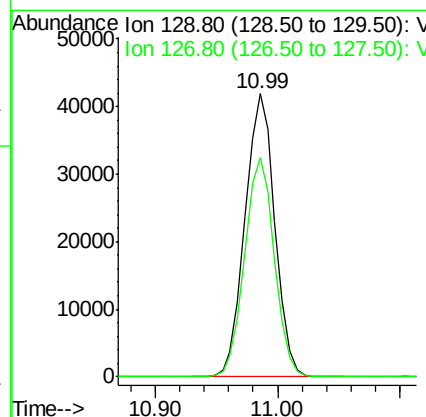
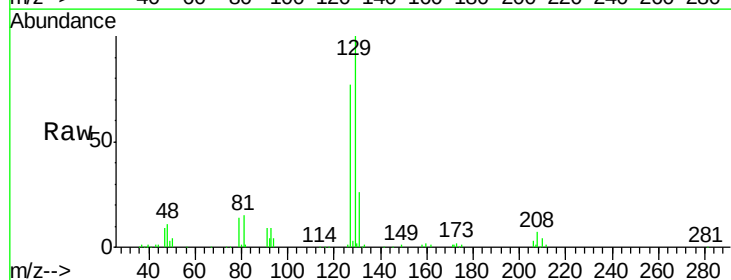
Instrument :
MSVOA_Y
ClientSampled :
VY0512SBS01

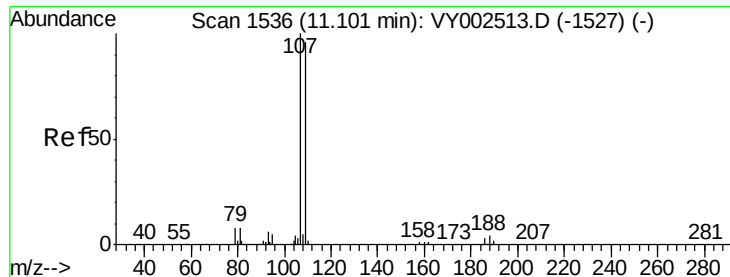
Tot Ion: 43 Resp: 154425
Ion Ratio Lower Upper
43 100
58 59.5 29.1 87.3



#60
Dibromochloromethane
Concen: 18.830 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

Tgt Ion: 129 Resp: 70585
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

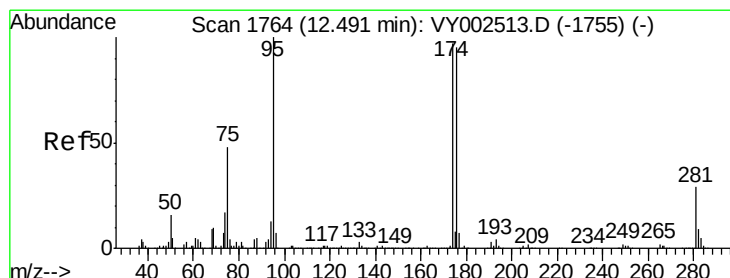
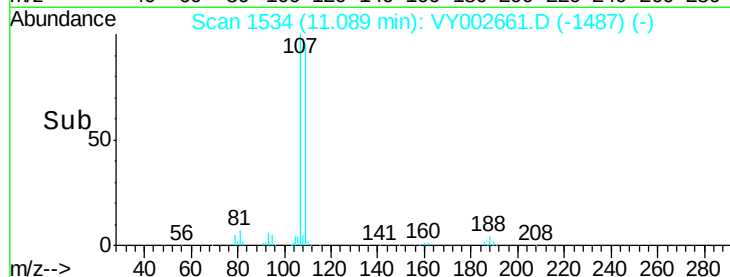
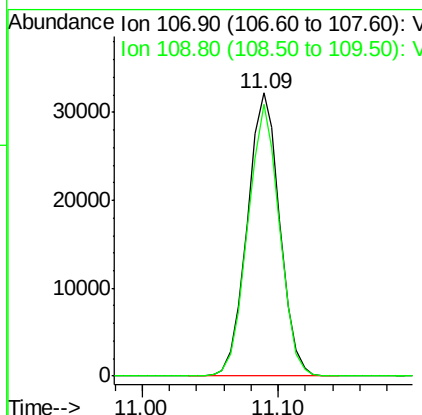
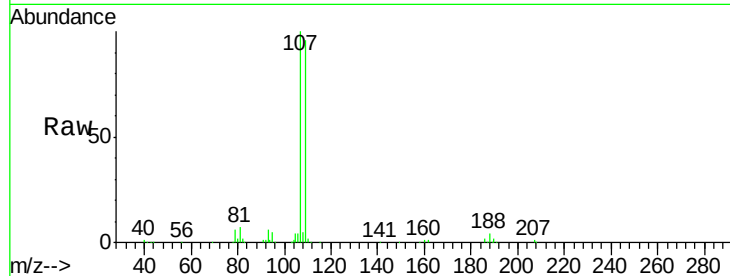




#61
 1,2-Dibromoethane
 Concen: 18.415 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

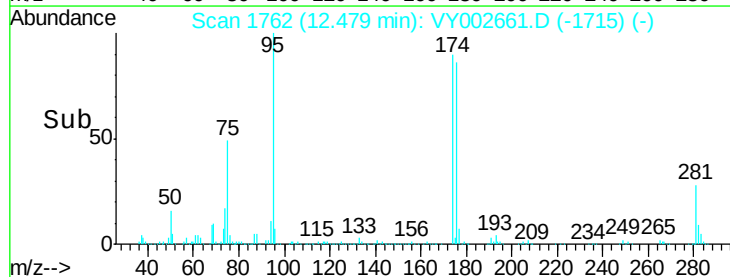
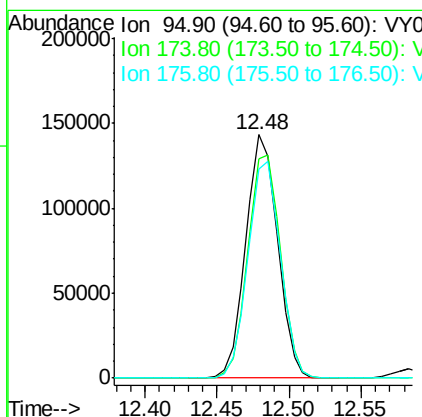
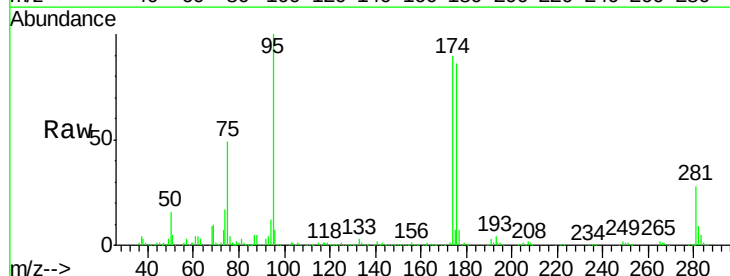
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

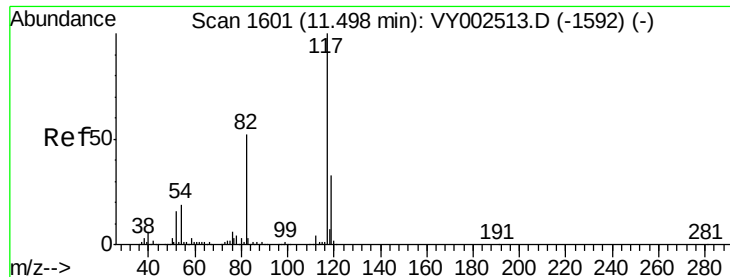
Tot Ion:107 Resp: 53742
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 47.955 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

Tgt Ion: 95 Resp: 218464
 Ion Ratio Lower Upper
 95 100
 174 94.2 0.0 188.8
 176 90.8 0.0 183.2

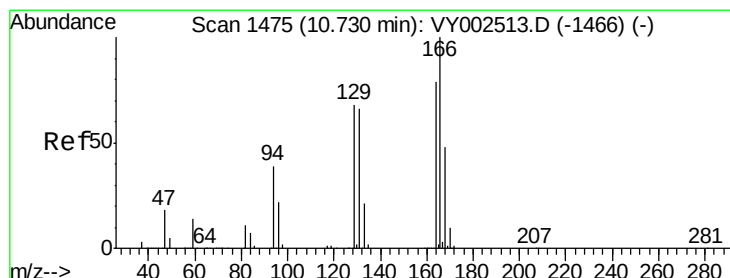
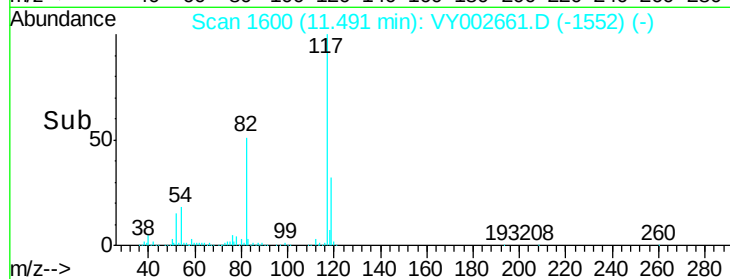
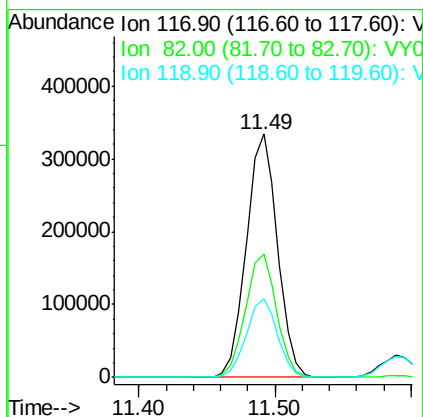
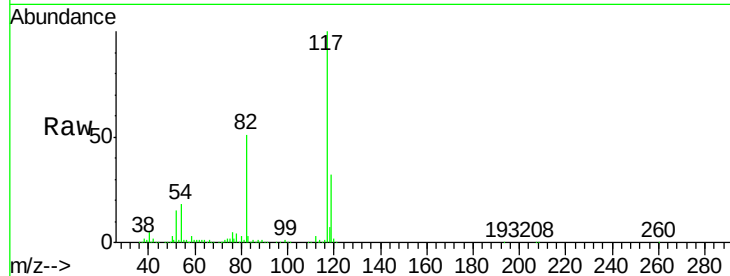




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

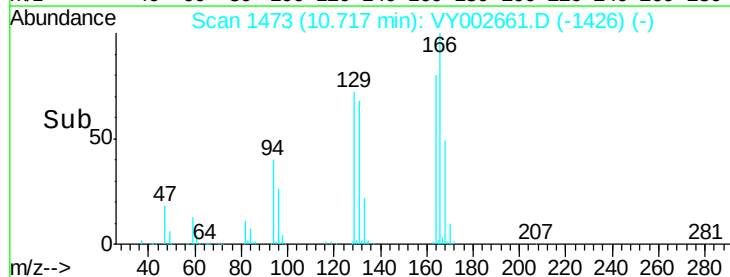
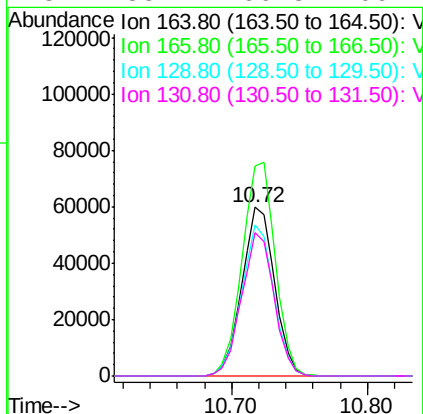
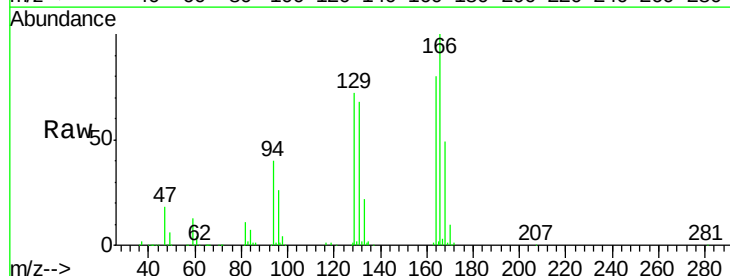
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

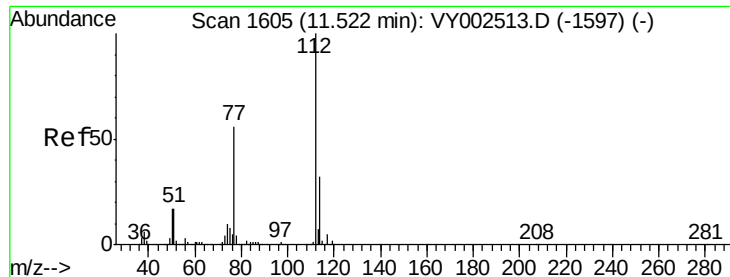
Tot Ion:117 Resp: 533660
Ion Ratio Lower Upper
117 100
82 50.6 41.3 61.9
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 21.123 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

Tgt Ion:164 Resp: 100158
Ion Ratio Lower Upper
164 100
166 124.7 100.7 151.1
129 89.4 68.3 102.5
131 85.2 66.8 100.2

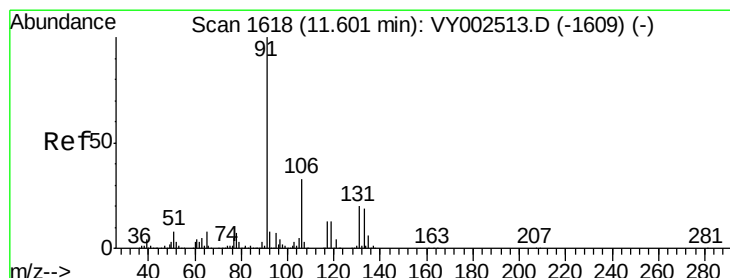
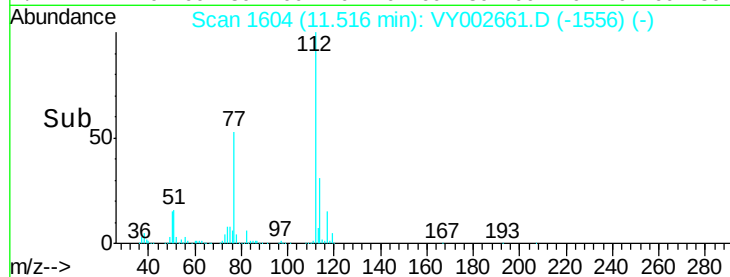
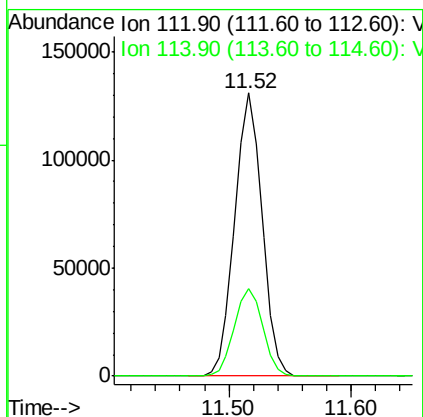
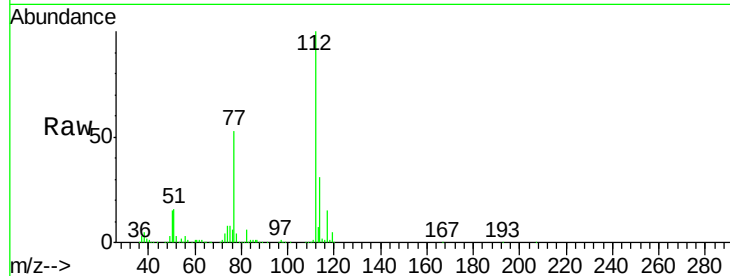




#65
Chlorobenzene
Concen: 19.981 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

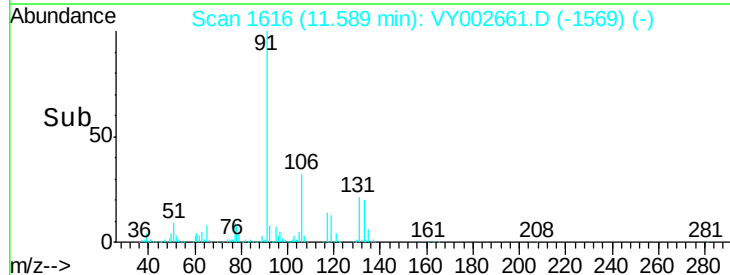
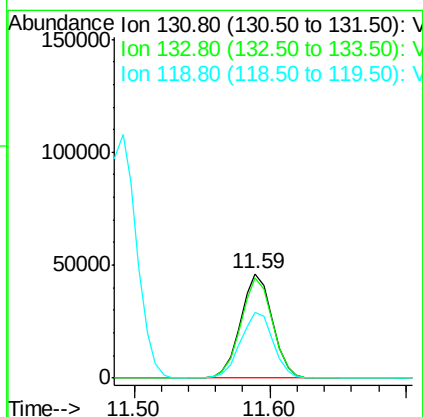
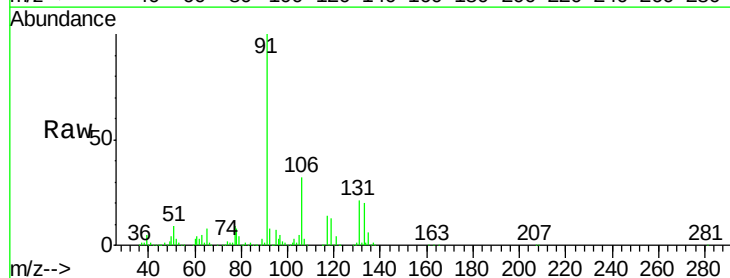
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

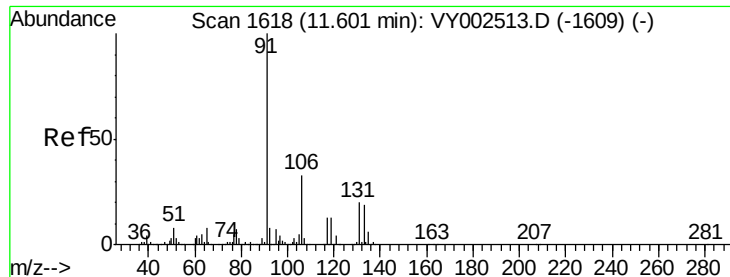
Tot Ion:112 Resp: 202704
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.967 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

Tgt Ion:131 Resp: 75191
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.4
119 65.0 31.6 95.0

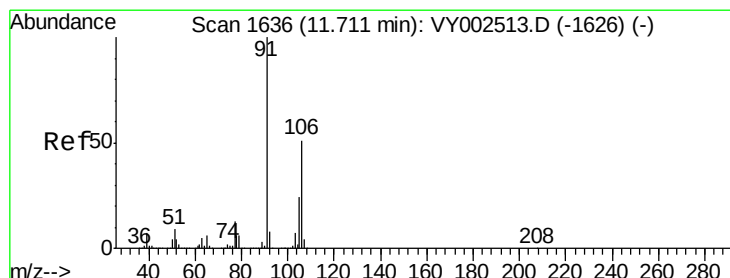
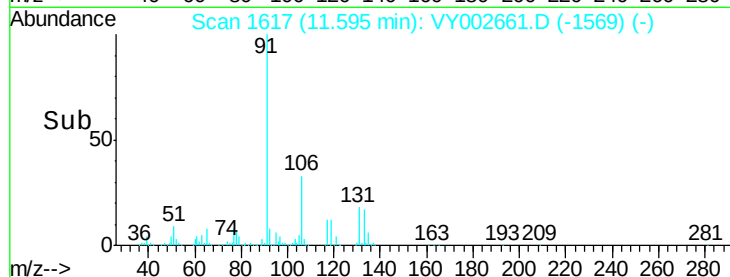
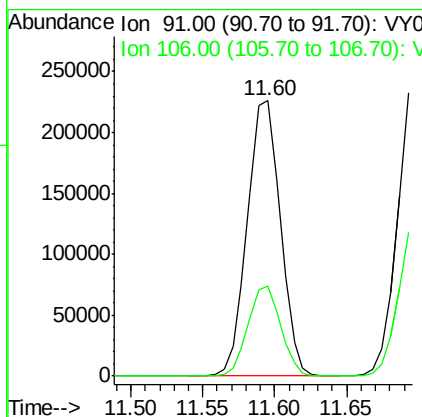
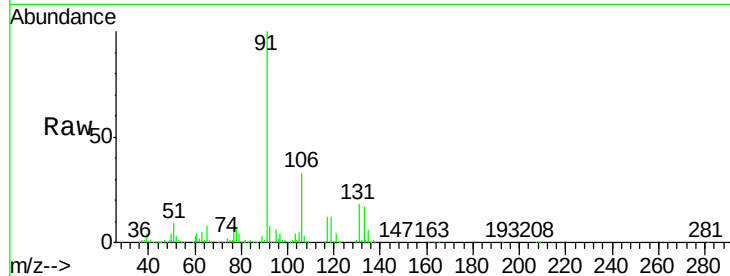




#67
Ethyl Benzene
Concen: 20.180 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

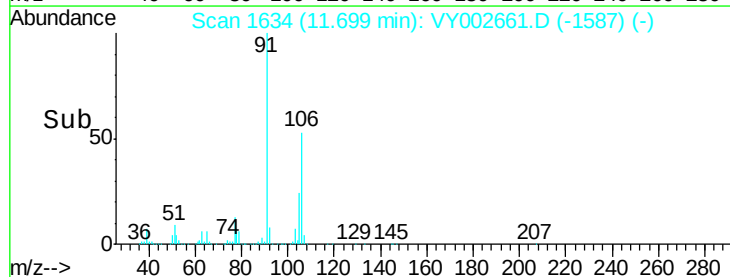
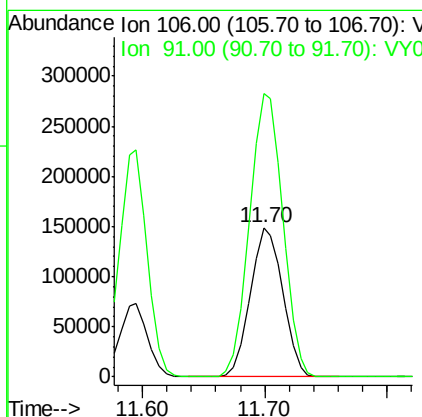
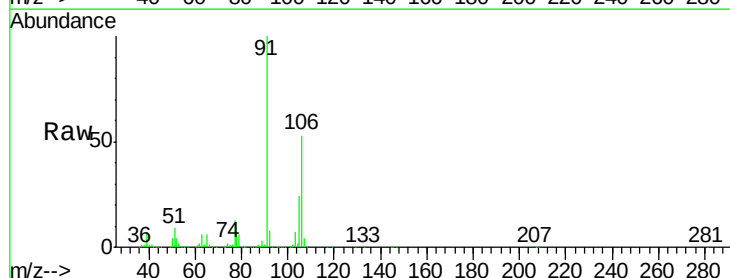
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

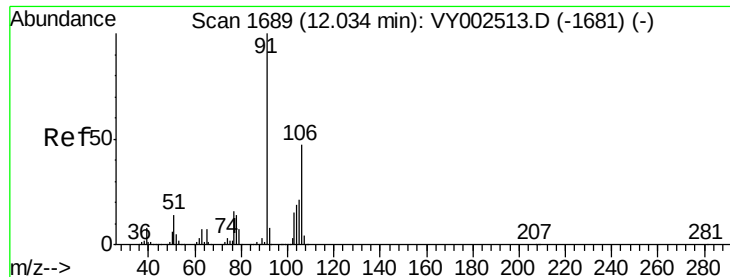
Tot Ion: 91 Resp: 359606
Ion Ratio Lower Upper
91 100
106 32.6 26.1 39.1



#68
m/p-Xylenes
Concen: 39.918 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

Tgt Ion: 106 Resp: 275234
Ion Ratio Lower Upper
106 100
91 194.6 155.2 232.8

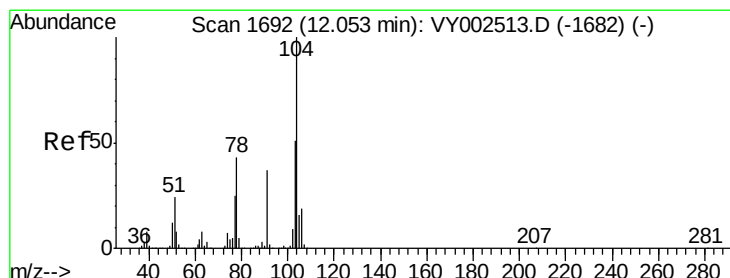
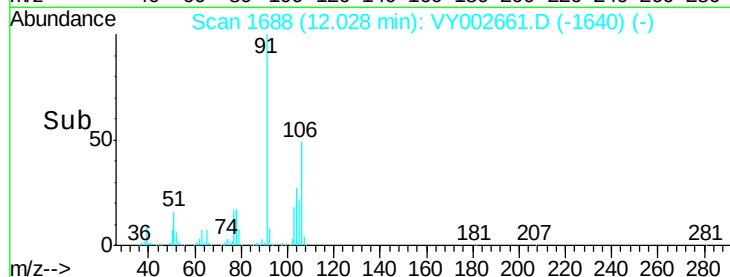
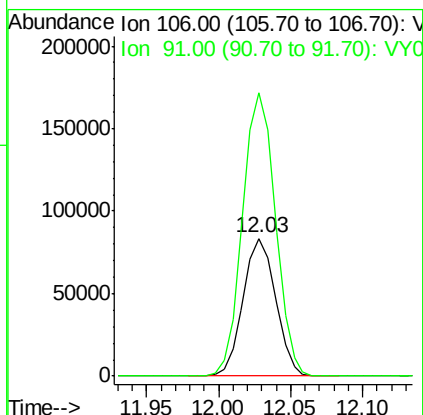
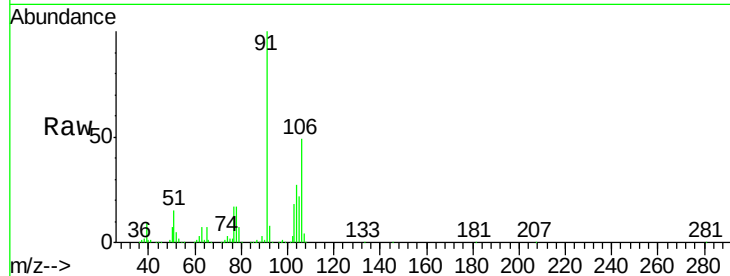




#69
o-Xylene
Concen: 20.258 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

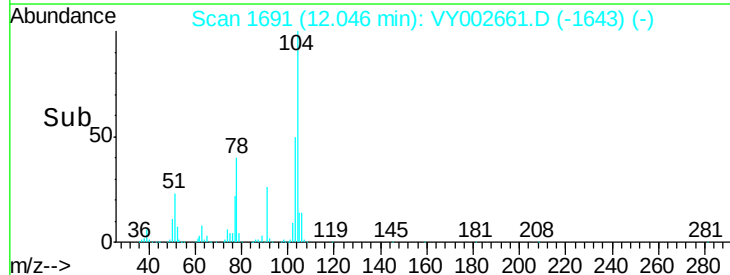
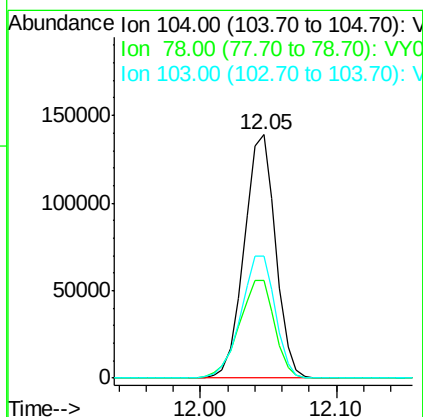
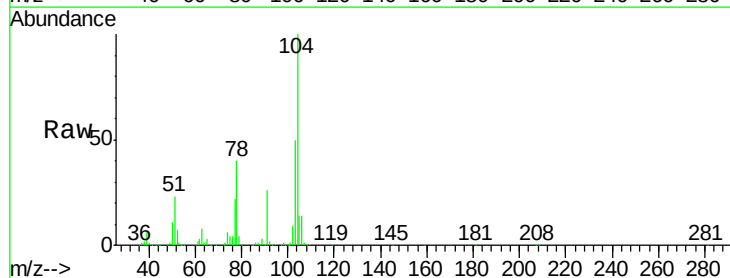
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

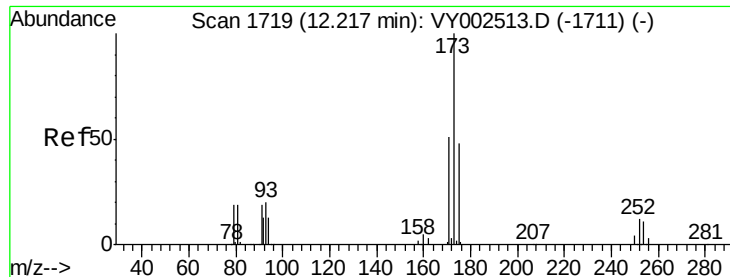
Tot Ion:106 Resp: 130785
Ion Ratio Lower Upper
106 100
91 207.6 103.8 311.3



#70
Styrene
Concen: 20.266 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002661.D
Acq: 12 May 2020 12:25

Tgt Ion:104 Resp: 223669
Ion Ratio Lower Upper
104 100
78 45.2 37.4 56.0
103 55.0 43.9 65.9





#71

Bromoform

Concen: 19.178 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

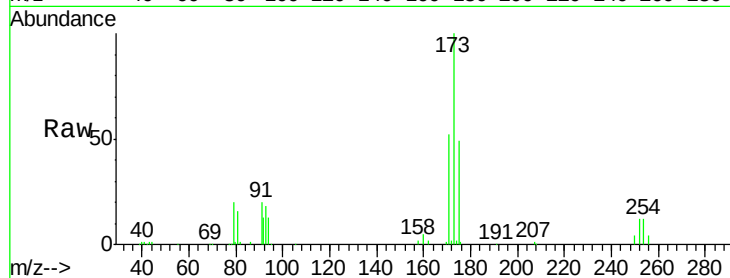
Tot Ion:173 Resp: 44826

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.8

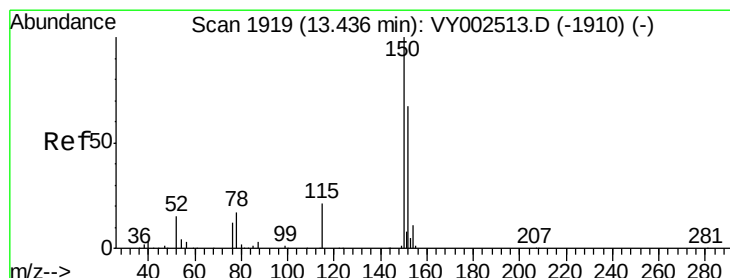
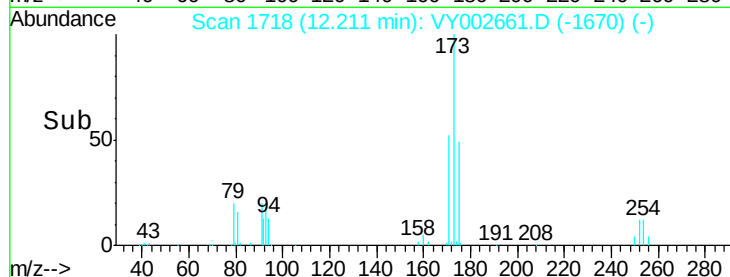
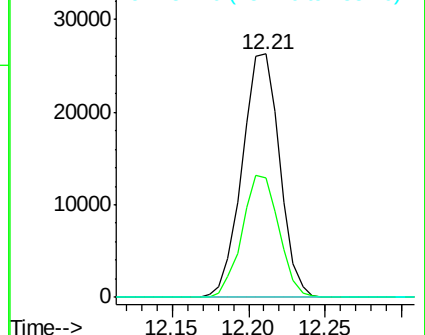
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

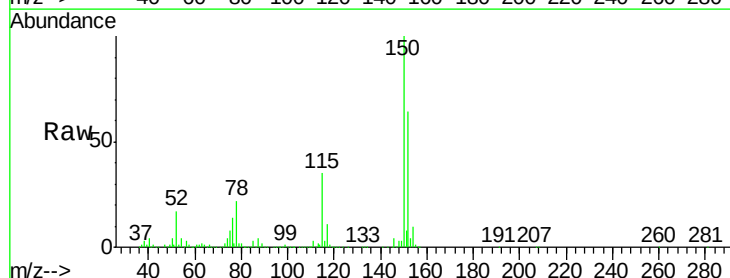
Tgt Ion:152 Resp: 276075

Ion Ratio Lower Upper

152 100

115 54.1 27.5 82.4

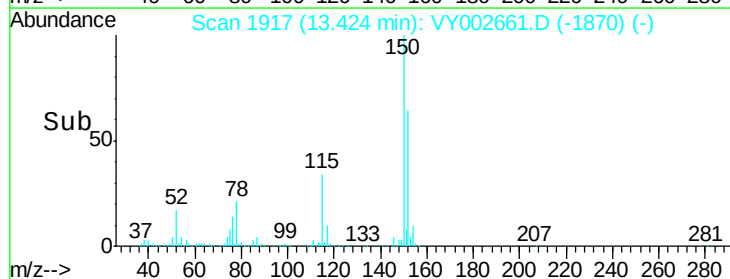
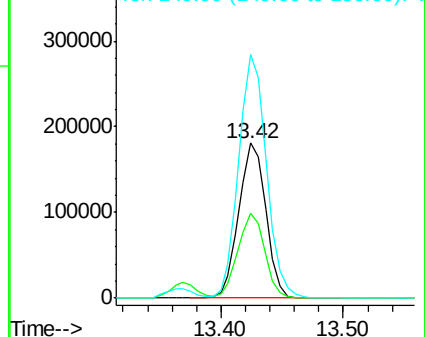
150 161.4 0.0 346.4

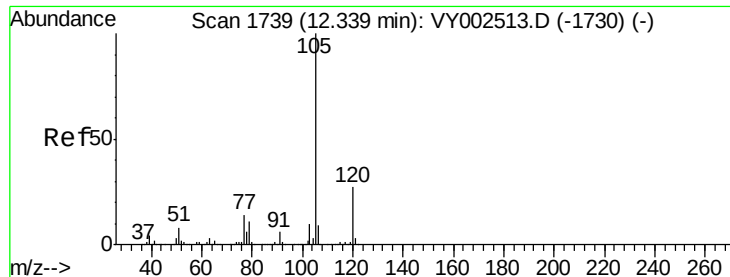


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.391 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

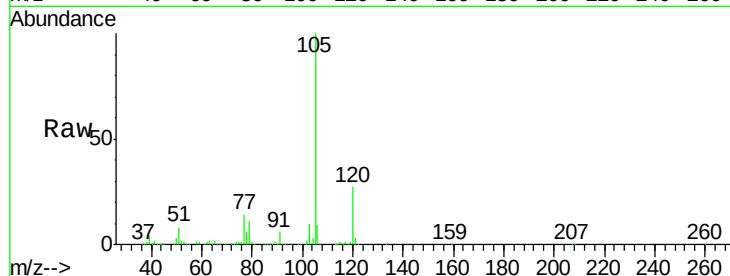
VY0512SBS01

Tot Ion:105 Resp: 364849

Ion Ratio Lower Upper

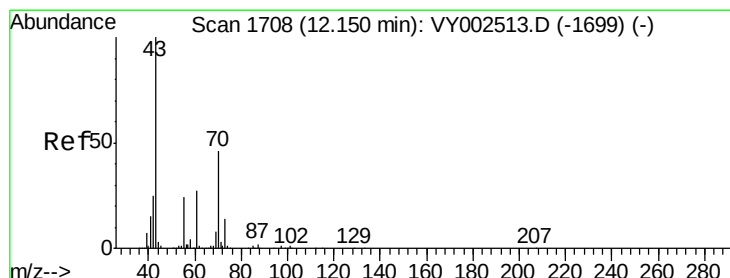
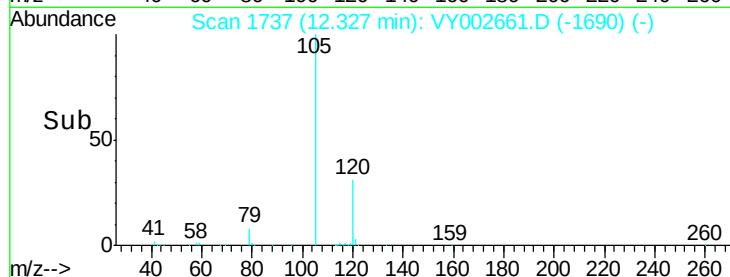
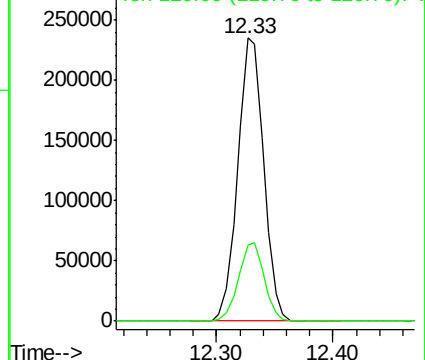
105 100

120 27.3 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.973 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Tgt Ion: 43 Resp: 81662

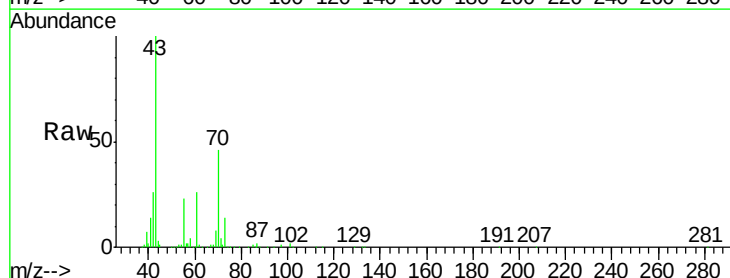
Ion Ratio Lower Upper

43 100

70 46.4 36.7 55.1

55 23.8 19.2 28.8

61 26.5 21.1 31.7

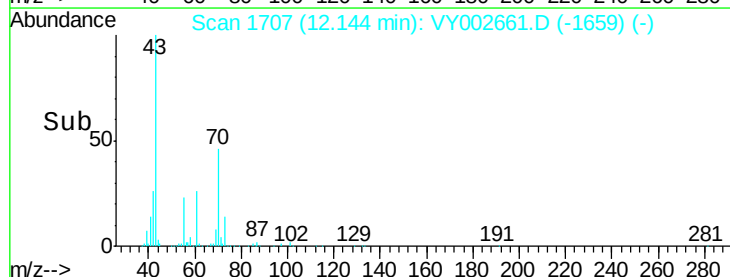
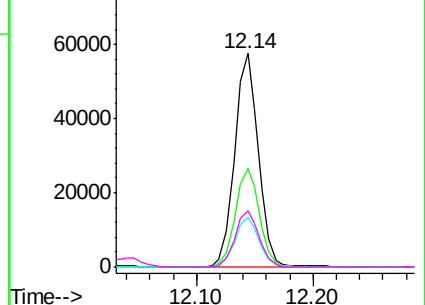


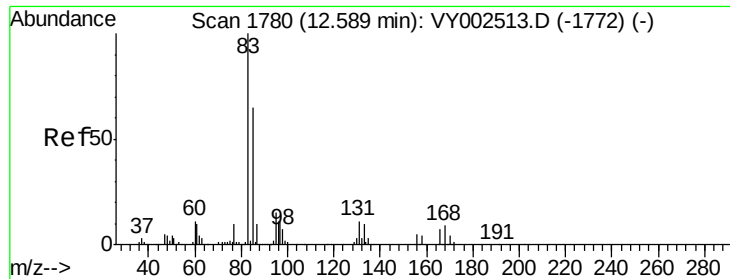
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.399 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

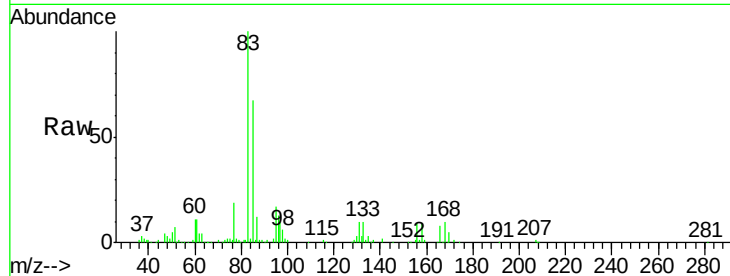
Tot Ion: 83 Resp: 49510

Ion Ratio Lower Upper

83 100

131 11.7 5.9 17.8

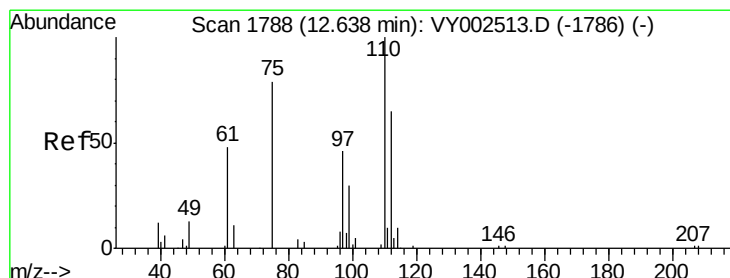
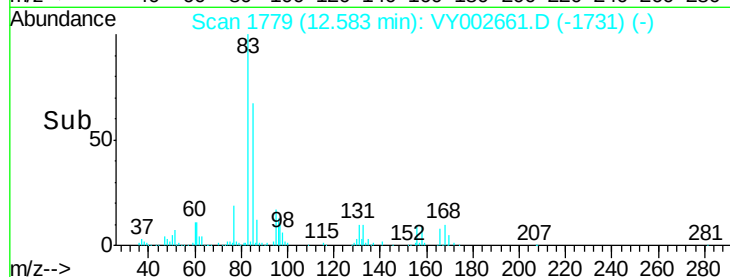
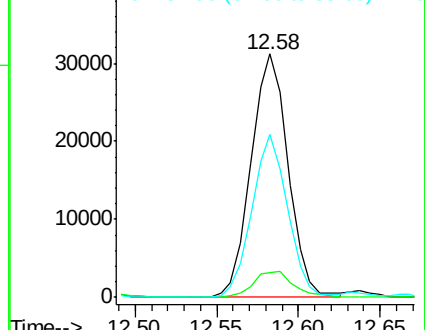
85 64.2 31.9 95.9



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: 18.093 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY002661.D

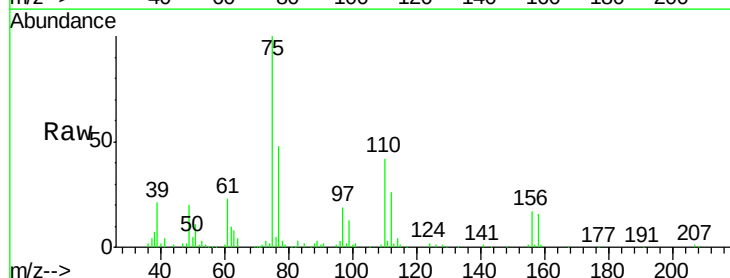
Acq: 12 May 2020 12:25

Tgt Ion: 75 Resp: 44390

Ion Ratio Lower Upper

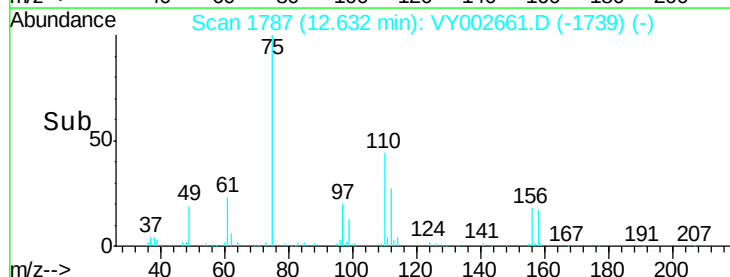
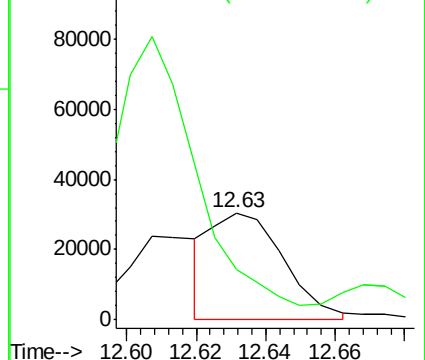
75 100

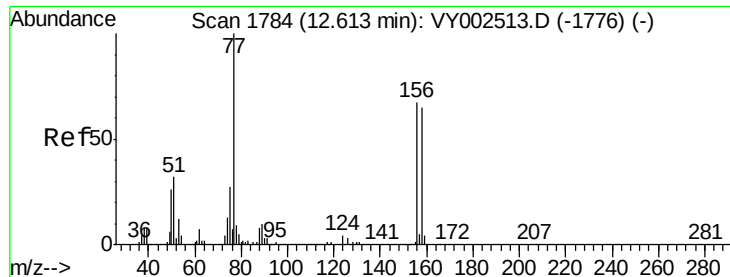
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.089 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

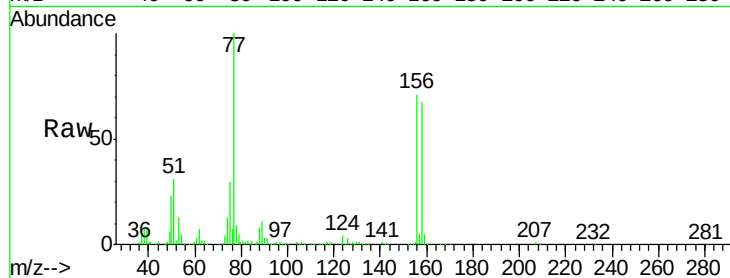
Tot Ion:156 Resp: 89802

Ion Ratio Lower Upper

156 100

77 157.5 82.0 245.8

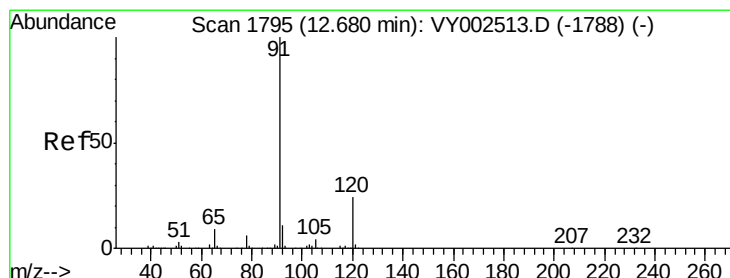
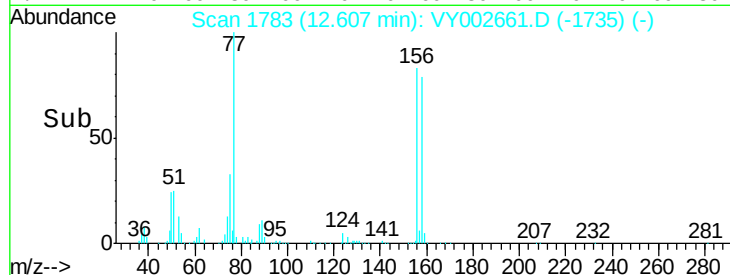
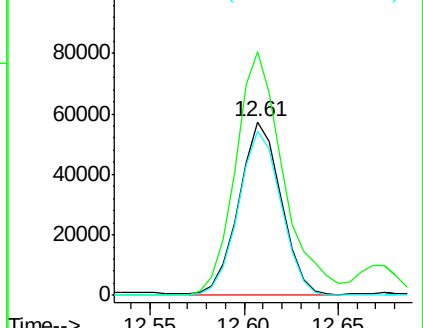
158 94.8 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.153 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY002661.D

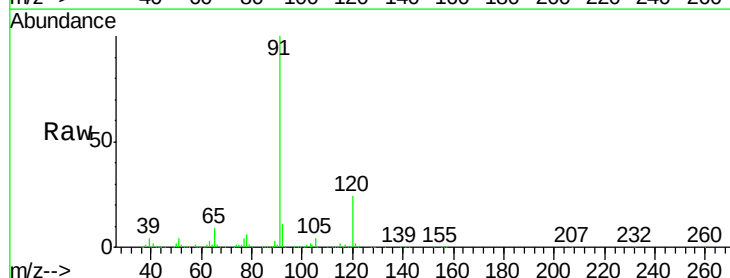
Acq: 12 May 2020 12:25

Tgt Ion: 91 Resp: 418458

Ion Ratio Lower Upper

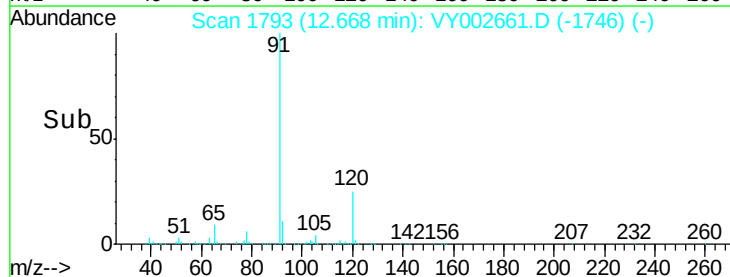
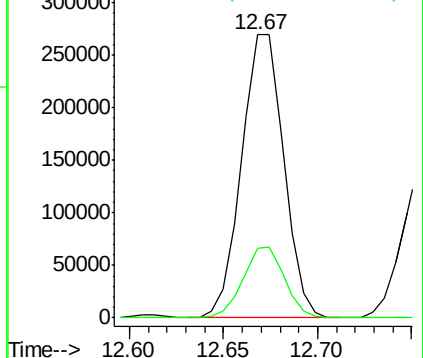
91 100

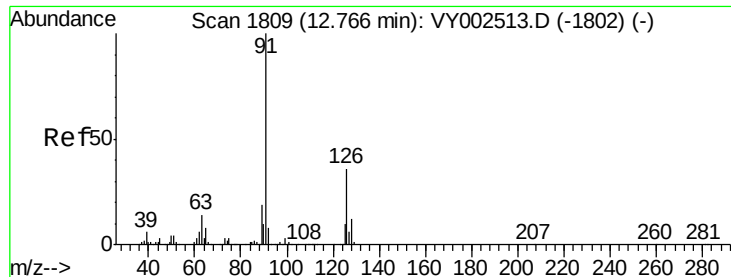
120 24.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

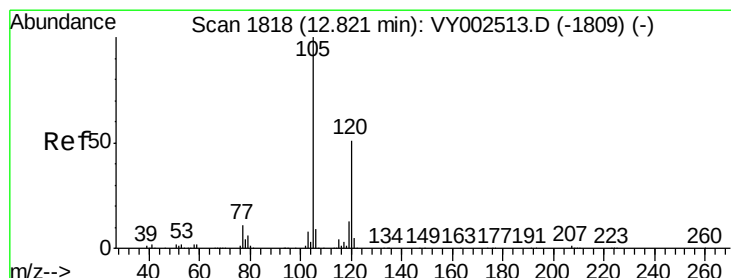
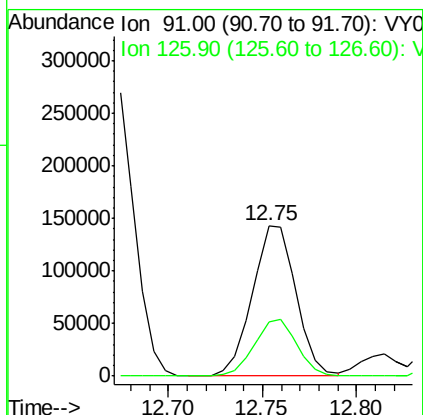
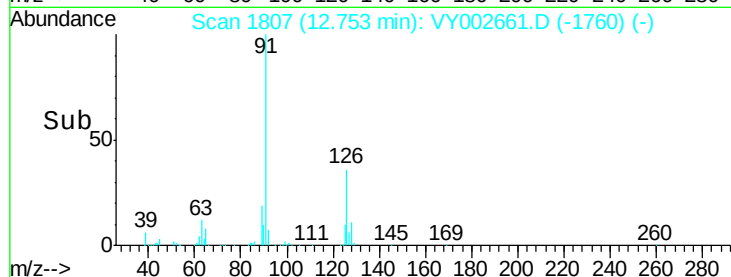
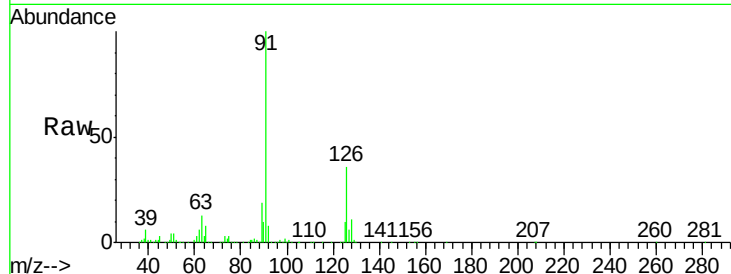




#79
 2-Chlorotoluene
 Concen: 19.924 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

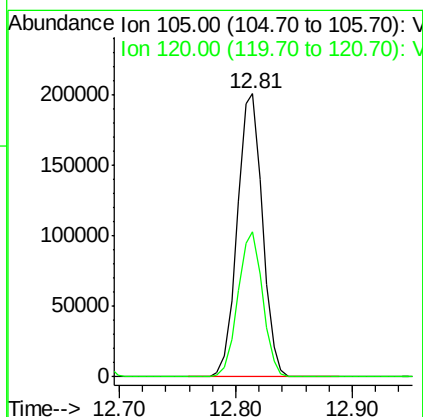
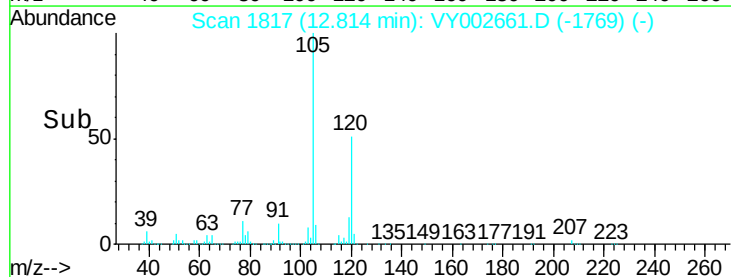
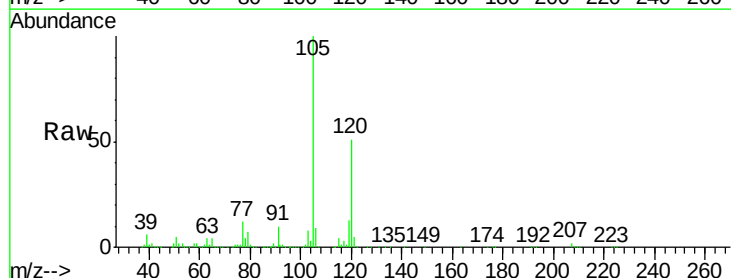
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

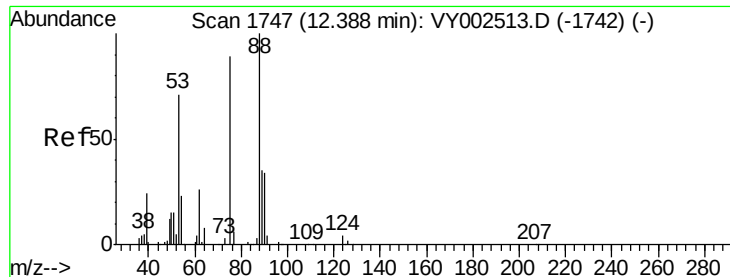
Tot Ion: 91 Resp: 229154
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 20.363 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

Tgt Ion: 105 Resp: 302012
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.656 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

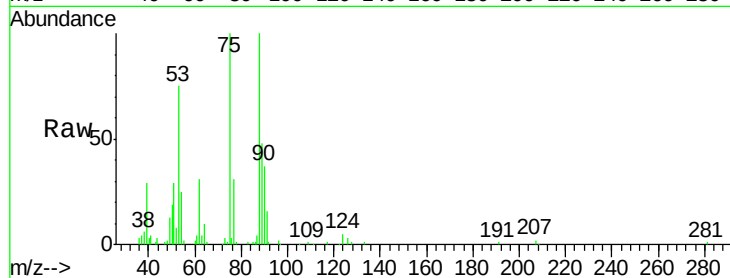
Tot Ion: 75 Resp: 22826

Ion Ratio Lower Upper

75 100

53 80.0 67.4 101.0

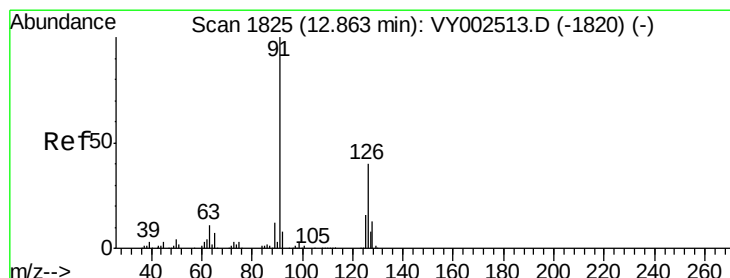
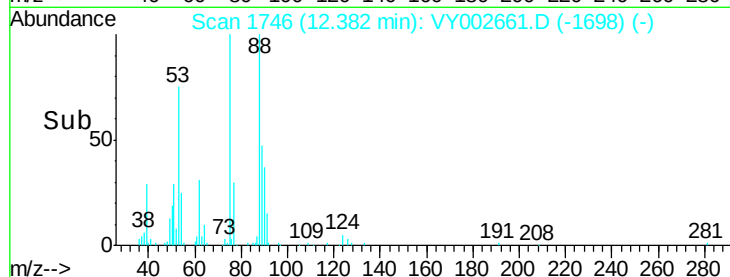
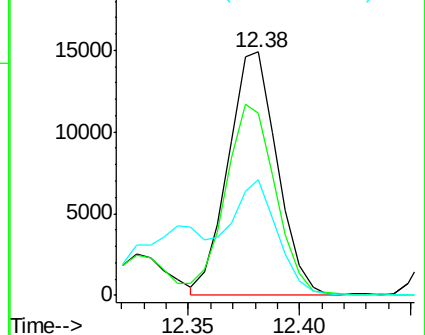
89 48.0 37.4 56.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.013 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002661.D

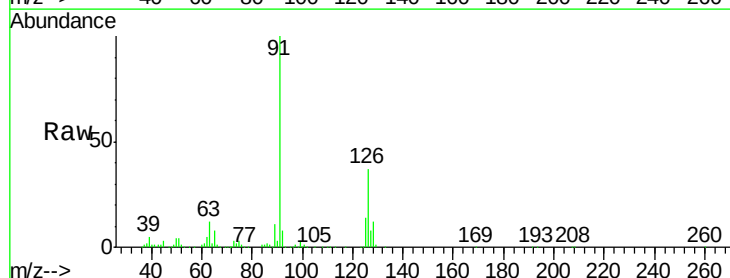
Acq: 12 May 2020 12:25

Tgt Ion: 91 Resp: 241793

Ion Ratio Lower Upper

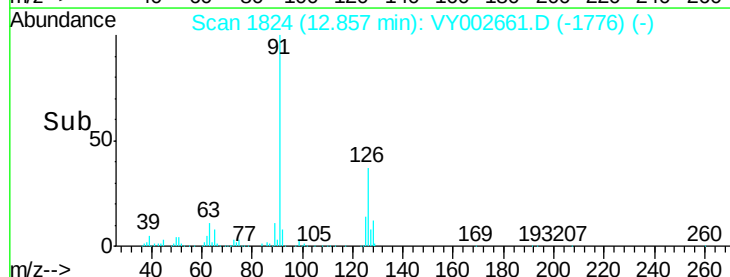
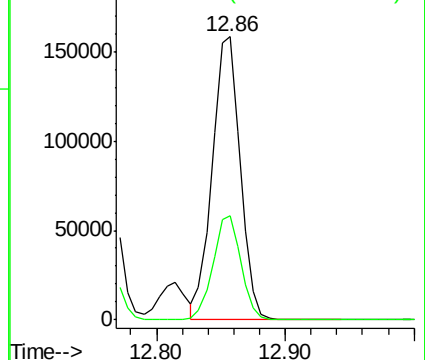
91 100

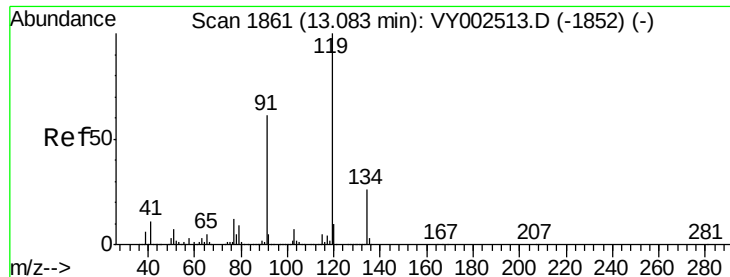
126 36.5 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

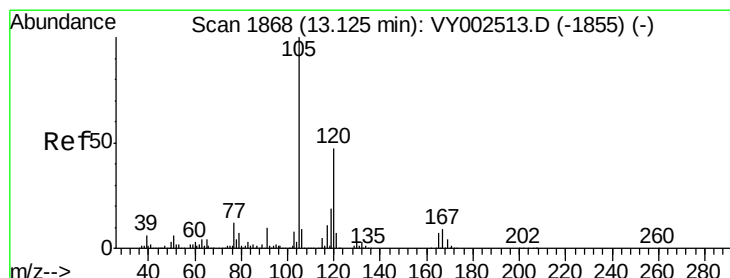
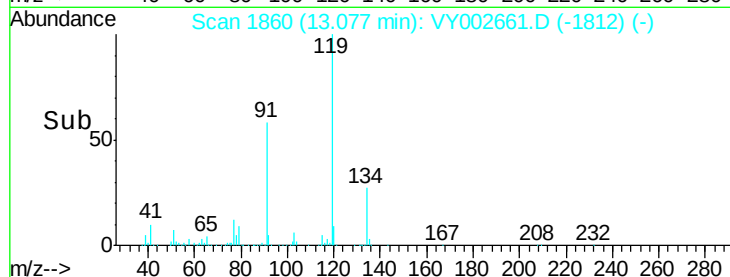
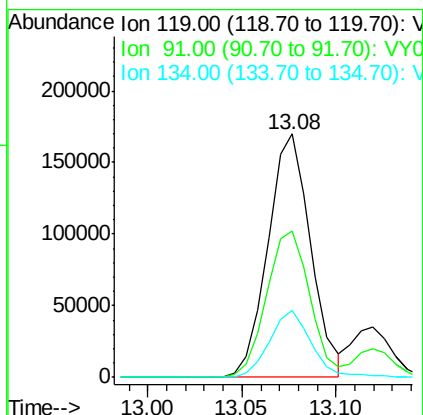
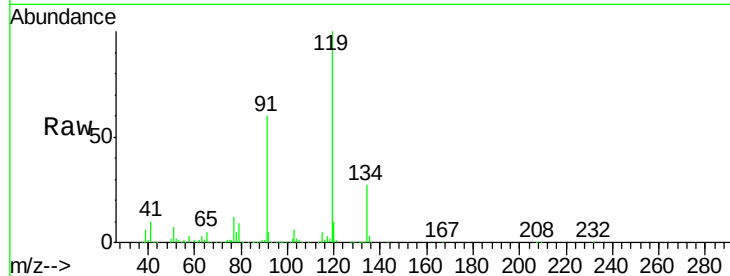




#83
 tert-Butylbenzene
 Concen: 20.519 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

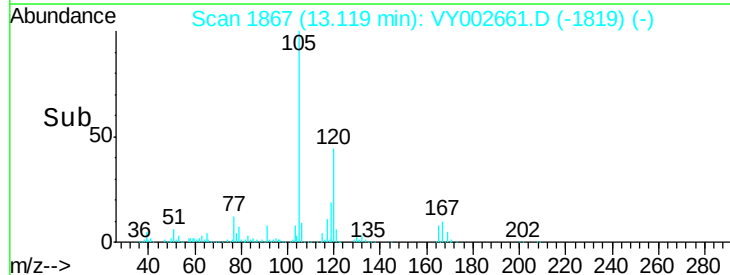
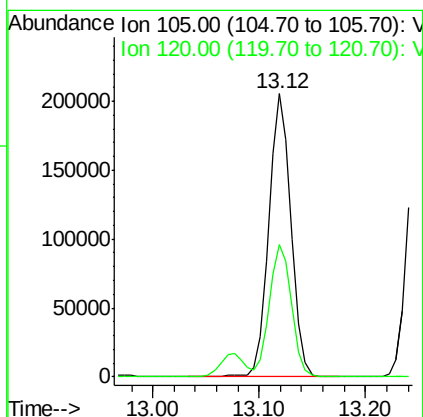
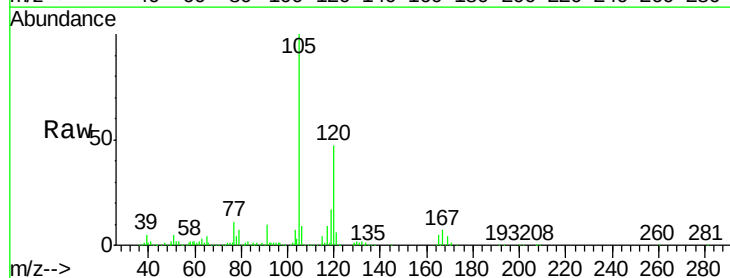
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBSD01

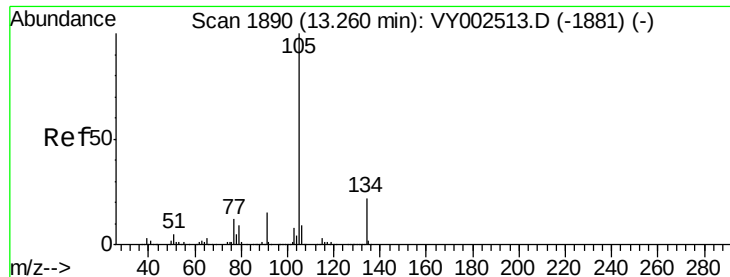
Tot Ion:119 Resp: 266842
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.6 91.6
 134 26.9 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.210 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

Tgt Ion:105 Resp: 298721
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.3





#85

sec-Butylbenzene

Concen: 20.624 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

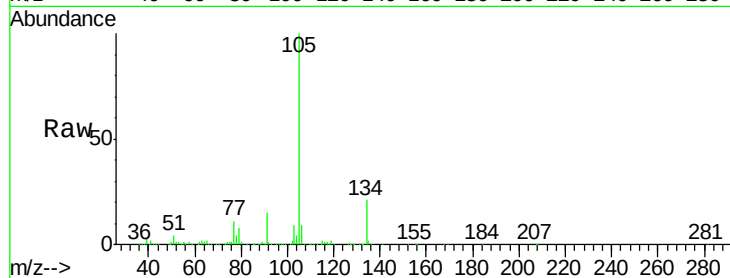
VY0512SBS01

Tot Ion:105 Resp: 372163

Ion Ratio Lower Upper

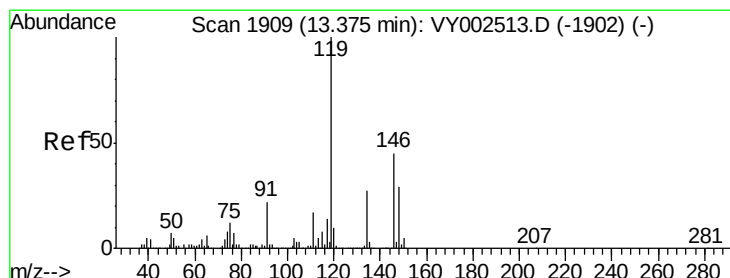
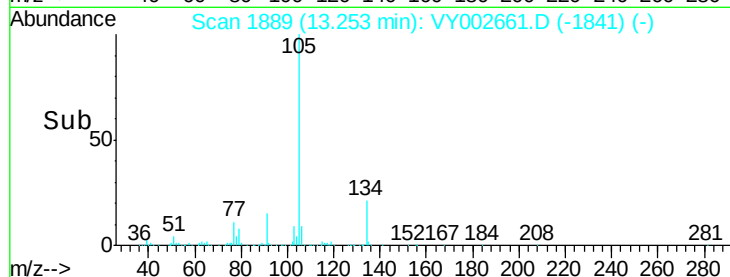
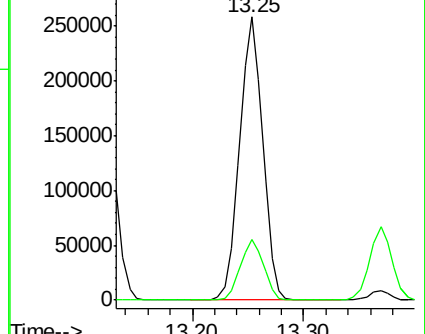
105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.561 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

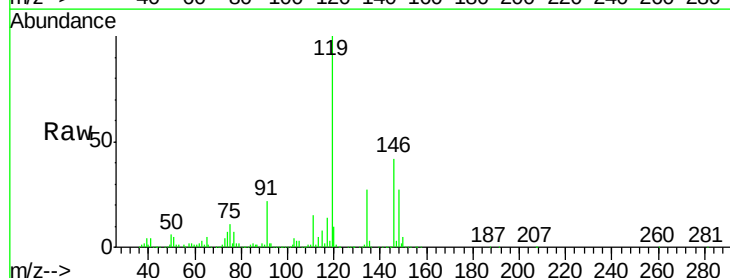
Tgt Ion:119 Resp: 347656

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

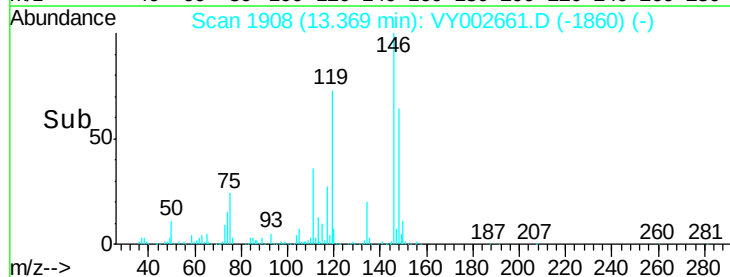
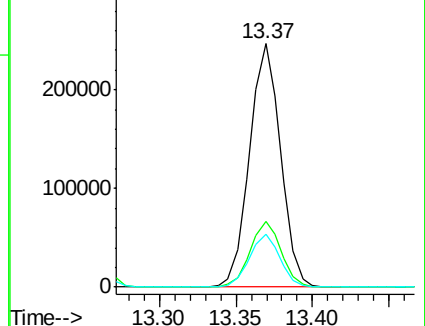
91 21.3 10.9 32.9

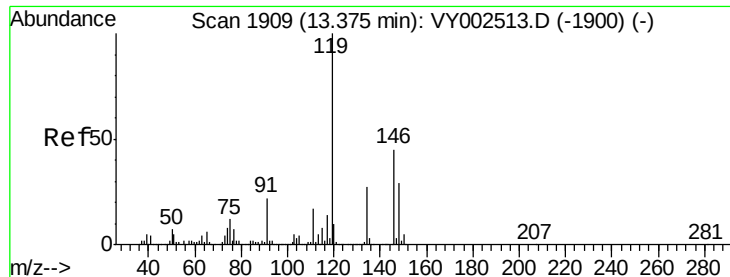


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 19.943 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

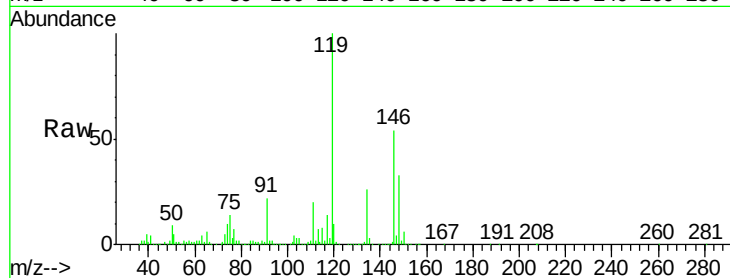
Tot Ion:146 Resp: 168734

Ion Ratio Lower Upper

146 100

111 37.2 18.8 56.3

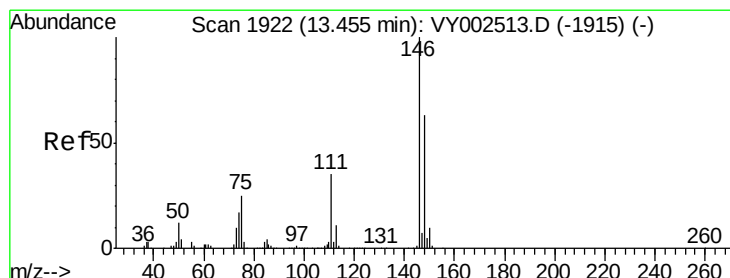
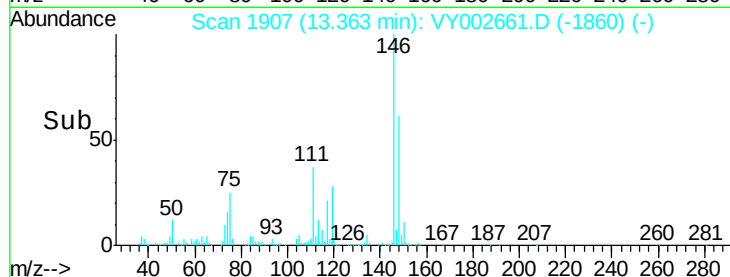
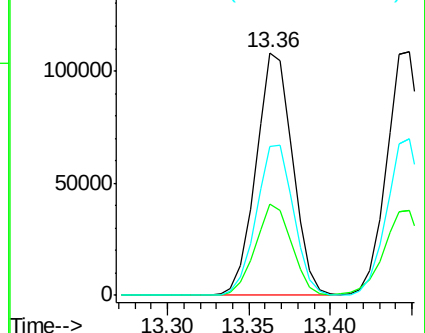
148 63.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.133 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

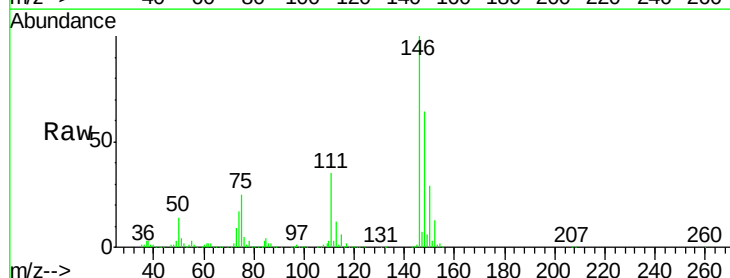
Tgt Ion:146 Resp: 168665

Ion Ratio Lower Upper

146 100

111 37.0 18.1 54.1

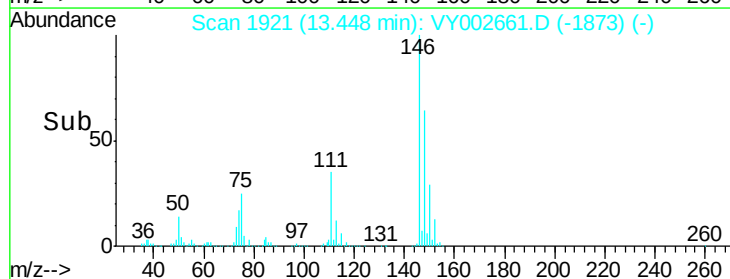
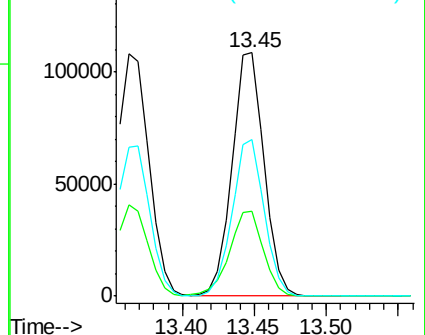
148 64.0 31.9 95.5

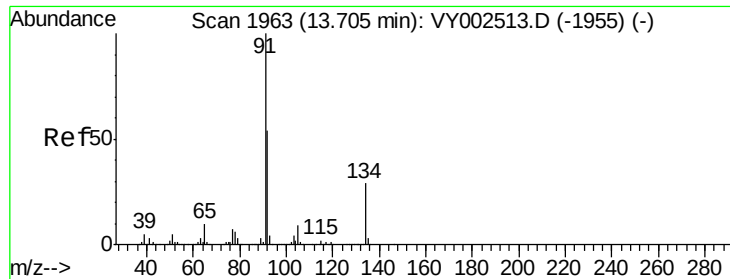


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.706 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

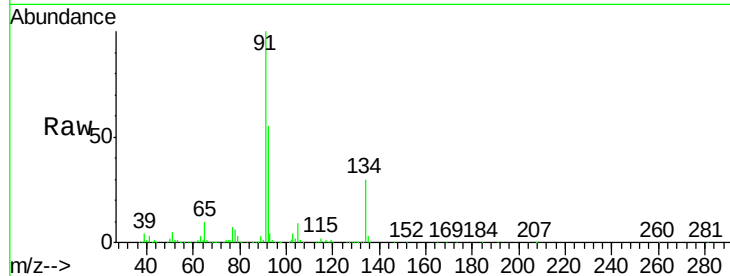
Tot Ion: 91 Resp: 318720

Ion Ratio Lower Upper

91 100

92 54.0 27.1 81.3

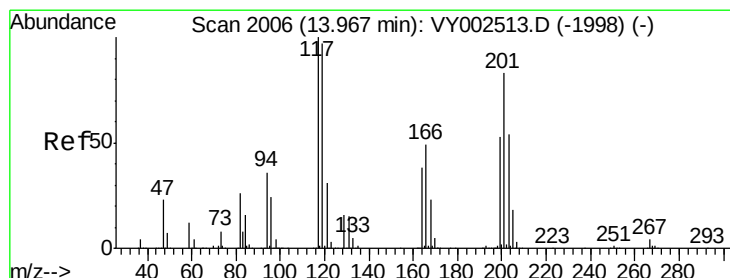
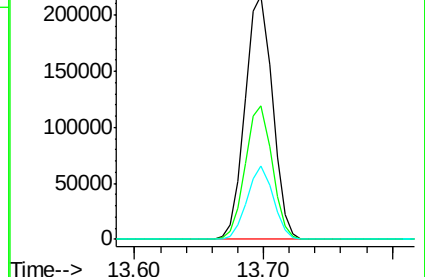
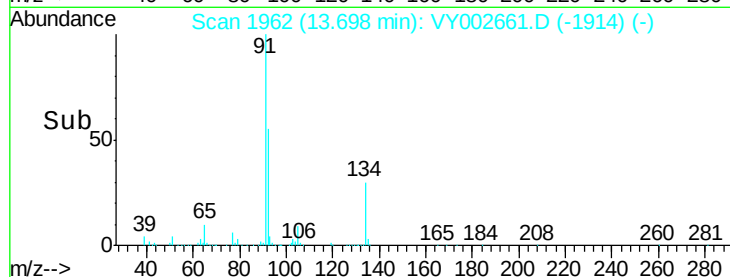
134 28.8 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002513.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002513.D (-1955) (-)



#90

Hexachloroethane

Concen: 20.479 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.01 min

Lab File: VY002661.D

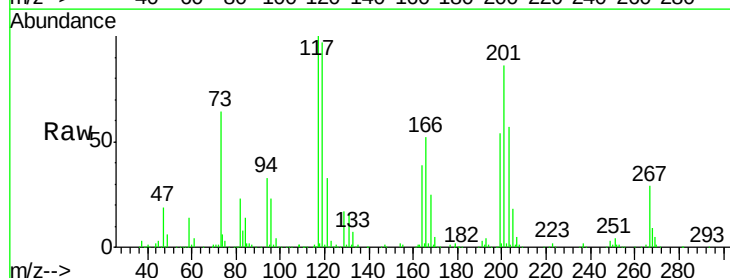
Acq: 12 May 2020 12:25

Tgt Ion: 117 Resp: 63058

Ion Ratio Lower Upper

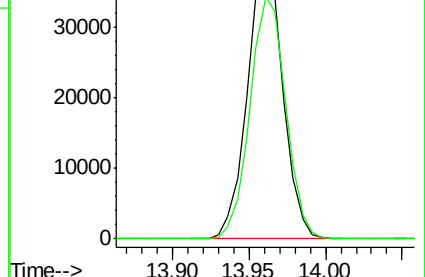
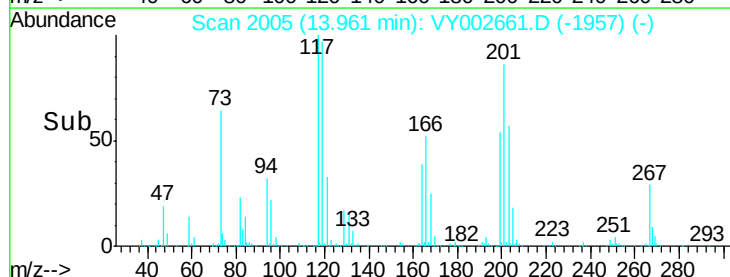
117 100

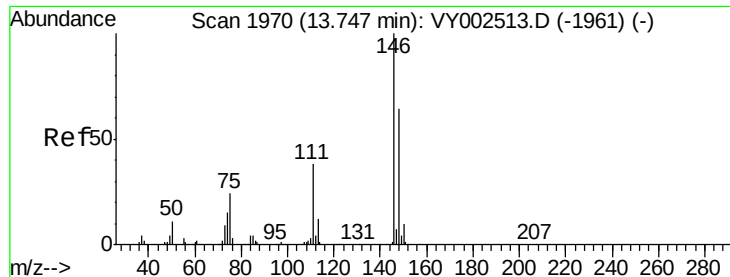
201 88.3 44.4 133.2



Abundance Ion 116.80 (116.50 to 117.50): VY002513.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002513.D (-1998) (-)

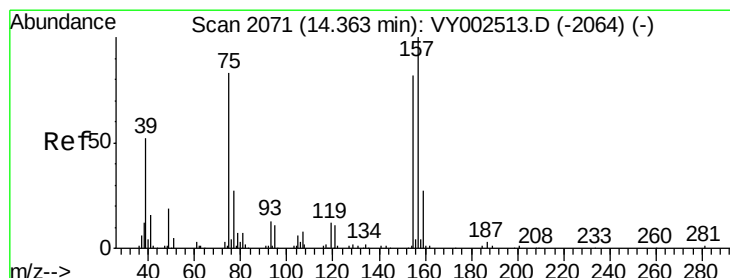
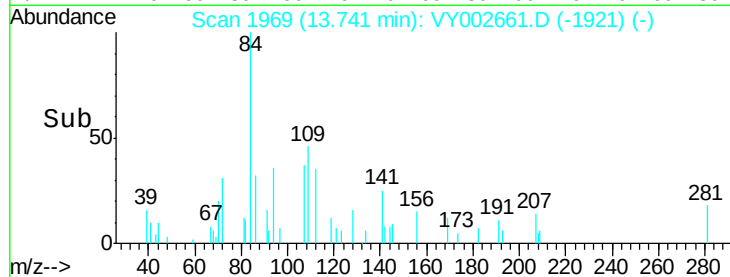
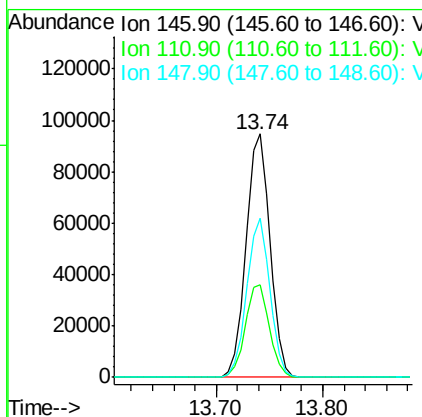
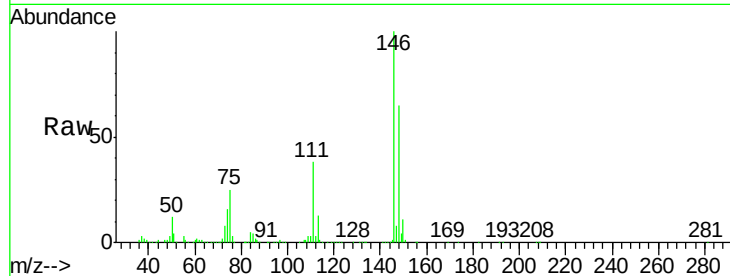




#91
 1,2-Dichlorobenzene
 Concen: 19.830 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

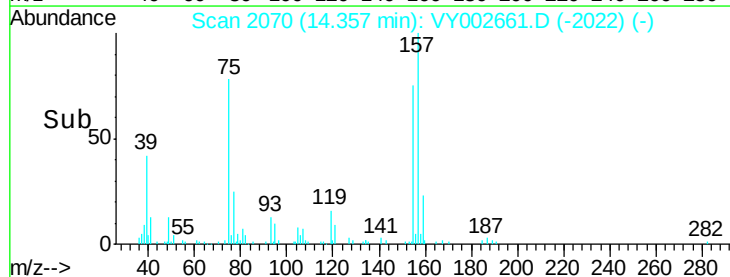
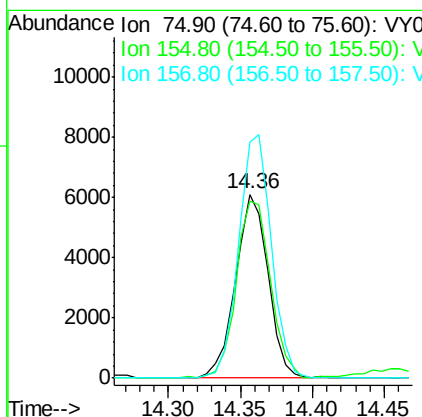
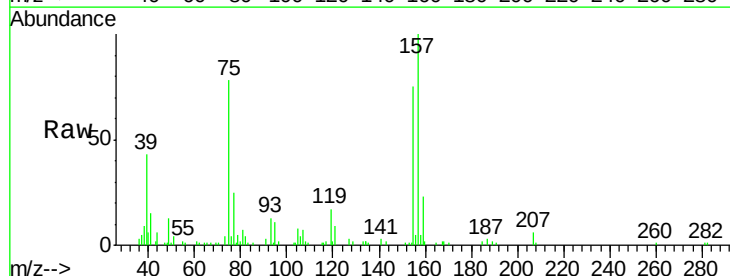
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

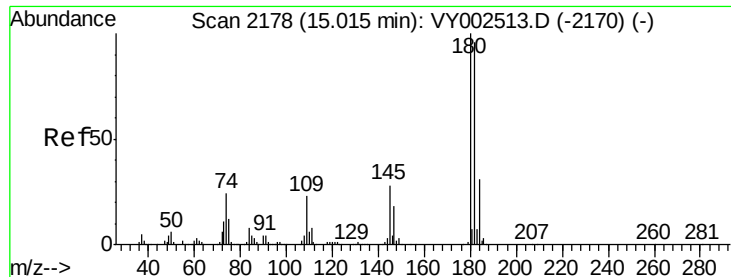
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	63.1	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.059 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.3	51.3	153.9
157	132.6	65.0	195.0

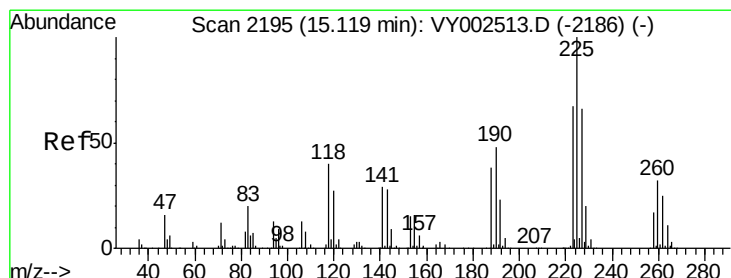
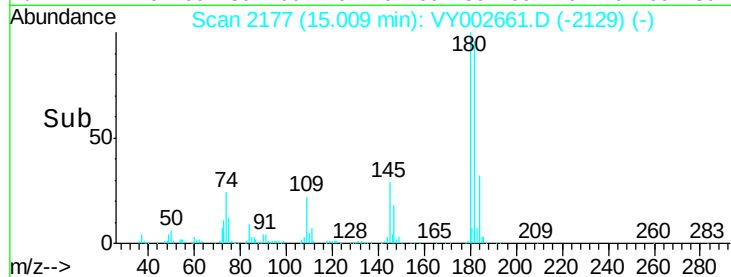
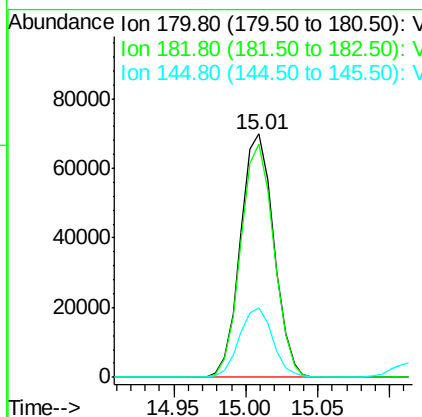
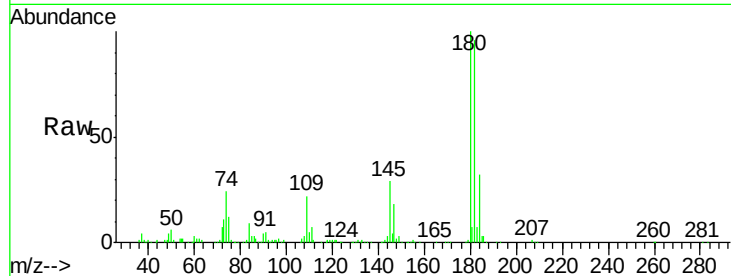




#93
 1,2,4-Trichlorobenzene
 Concen: 20.470 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

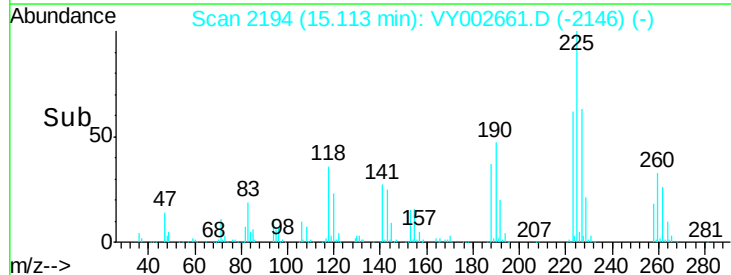
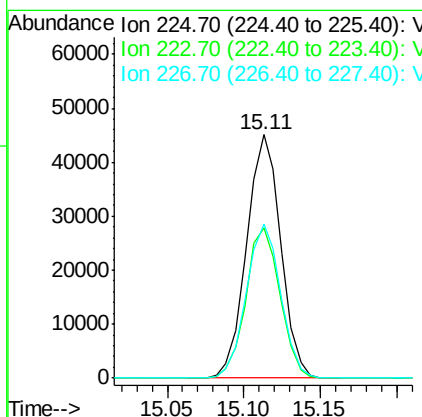
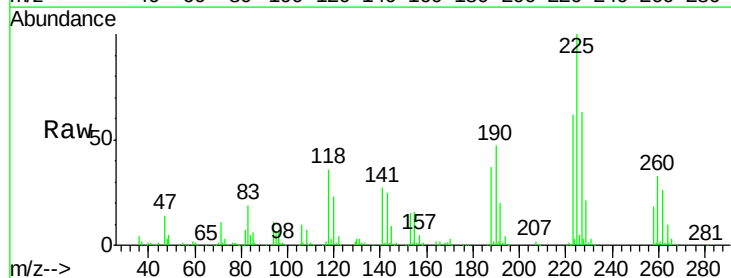
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

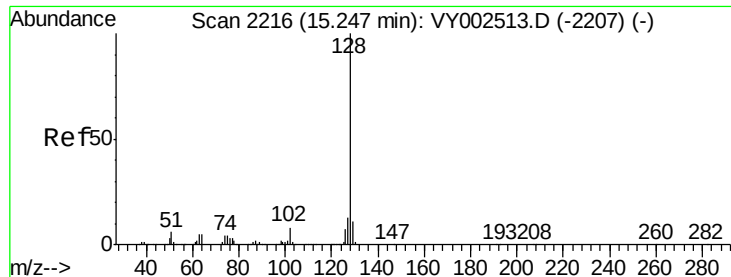
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.6
145	28.7	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 21.183 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY002661.D
 Acq: 12 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.1	96.5
227	63.8	32.0	96.2





#95

Naphthalene

Concen: 19.274 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

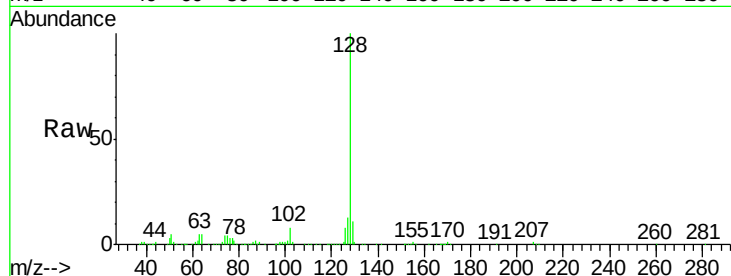
Tot Ion:128 Resp: 192717

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

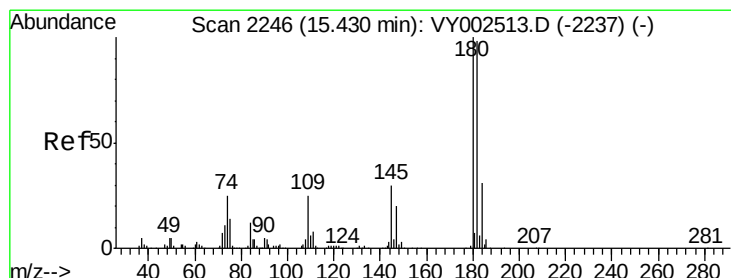
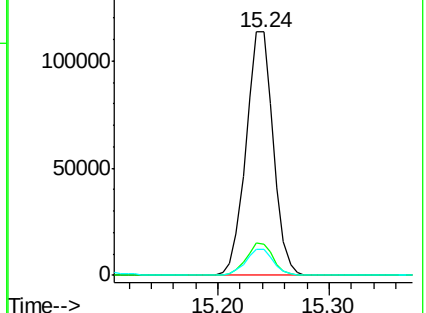
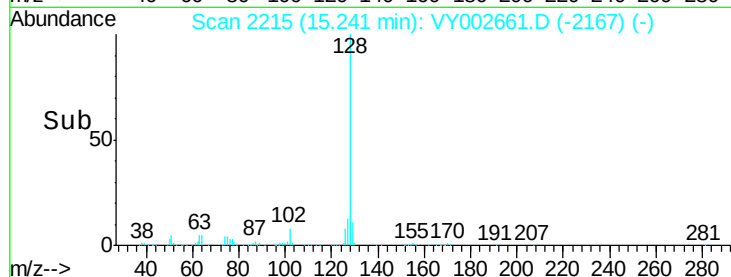
129 11.0 8.8 13.2



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: 20.008 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.01 min

Lab File: VY002661.D

Acq: 12 May 2020 12:25

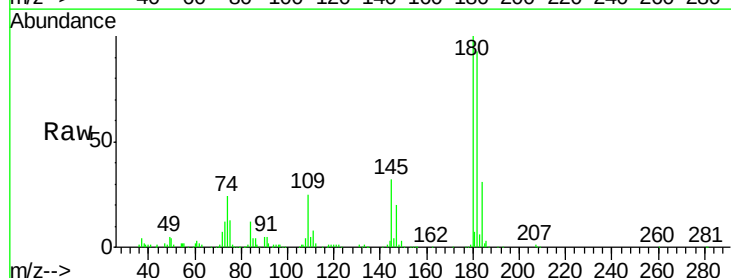
Tgt Ion:180 Resp: 93096

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.8

145 30.7 15.0 45.1



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

