

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051320\
 Data File : VY002674.D
 Acq On : 13 May 2020 11:20
 Operator : SY/MD
 Sample : VD0513SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 14 02:51:48 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	383616	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	558152	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	496669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	260998	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	149162	46.24	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	7.72	113	166222	52.07	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	10.18	98	652520	52.35	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.48	95	222890	52.69	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	43338	14.969	ug/l	100
3) Chloromethane	2.12	50	56059	18.037	ug/l	100
4) Vinyl Chloride	2.25	62	63462	17.683	ug/l	99
5) Bromomethane	2.65	94	45454	18.366	ug/l	97
6) Chloroethane	2.80	64	40161	18.742	ug/l	99
7) Trichlorofluoromethane	3.13	101	106762	19.195	ug/l	99
8) Diethyl Ether	3.54	74	36795	19.686	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	68383	20.116	ug/l	99
10) Methyl Iodide	4.10	142	83219	17.969	ug/l	99
11) Tert butyl alcohol	4.96	59	30570	92.120	ug/l	98
12) 1,1-Dichloroethene	3.88	96	64772	19.614	ug/l	97
13) Acrolein	3.74	56	14548	63.397	ug/l	91
14) Allyl chloride	4.49	41	96091	19.971	ug/l	97
15) Acrylonitrile	5.18	53	82991	94.153	ug/l	99
16) Acetone	3.95	43	57012	85.645	ug/l	97
17) Carbon Disulfide	4.20	76	171024	17.215	ug/l	98
18) Methyl Acetate	4.48	43	41664	18.732	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	167698	19.464	ug/l	100
20) Methylene Chloride	4.73	84	73357	19.706	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	71808	19.895	ug/l	96
22) Diisopropyl ether	6.13	45	204440	20.999	ug/l	97
23) Vinyl Acetate	6.07	43	590706	96.478	ug/l	99
24) 1,1-Dichloroethane	6.03	63	117731	20.441	ug/l	99
25) 2-Butanone	7.00	43	98781	90.652	ug/l	98
26) 2,2-Dichloropropane	6.99	77	113732	20.774	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	82183	20.578	ug/l	99
28) Bromochloromethane	7.35	49	47734	20.228	ug/l	100
29) Tetrahydrofuran	7.36	42	67664	93.855	ug/l	100
30) Chloroform	7.51	83	123165	20.566	ug/l	95
31) Cyclohexane	7.79	56	110324	19.030	ug/l #	95
32) 1,1,1-Trichloroethane	7.71	97	112854	20.275	ug/l	100
36) 1,1-Dichloropropene	7.92	75	97233	20.781	ug/l	100
37) Ethyl Acetate	7.08	43	46588	19.376	ug/l	99
38) Carbon Tetrachloride	7.91	117	104530	20.462	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	123183	19.932	ug/l	97
40) Benzene	8.16	78	277807	20.557	ug/l	99
41) Methacrylonitrile	7.35	41	62191	48.106	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	72676	19.172	ug/l	98
43) Isopropyl Acetate	8.28	43	86798	19.256	ug/l	99
44) Trichloroethene	8.94	130	90977	21.541	ug/l	99
45) 1,2-Dichloropropane	9.22	63	69348	21.262	ug/l	98
46) Dibromomethane	9.31	93	36901	19.664	ug/l	98
47) Bromodichloromethane	9.50	83	93760	20.548	ug/l	96
48) Methyl methacrylate	9.30	41	39572	19.398	ug/l	99
49) 1,4-Dioxane	9.30	88	9897	398.327	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	226335	97.415	ug/l	98
52) Toluene	10.25	92	181990	20.954	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	97140	20.319	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	113131	20.469	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	55783	20.384	ug/l	98
56) Ethyl methacrylate	10.51	69	72364	19.878	ug/l	97
57) 1,3-Dichloropropane	10.79	76	94672	20.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	203950	106.234	ug/l	98
59) 2-Hexanone	10.83	43	154338	96.513	ug/l	100
60) Dibromochloromethane	10.99	129	71742	20.612	ug/l	100
61) 1,2-Dibromoethane	11.09	107	54412	20.081	ug/l	99
64) Tetrachloroethene	10.72	164	100743	22.829	ug/l	98
65) Chlorobenzene	11.52	112	202793	21.479	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	75981	21.679	ug/l	98
67) Ethyl Benzene	11.59	91	358049	21.589	ug/l	100
68) m/p-Xylenes	11.70	106	277186	43.195	ug/l	100
69) o-Xylene	12.03	106	130408	21.704	ug/l	99
70) Styrene	12.05	104	221864	21.600	ug/l	99
71) Bromoform	12.21	173	44555	20.482	ug/l #	98
73) Isopropylbenzene	12.33	105	362451	21.428	ug/l	100
74) N-amyl acetate	12.14	43	80666	19.824	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	49619	18.445	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	81451	35.117	ug/l #	100
77) Bromobenzene	12.61	156	89651	21.214	ug/l	99
78) n-propylbenzene	12.67	91	424072	21.604	ug/l	99
79) 2-Chlorotoluene	12.76	91	229741	21.129	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	300993	21.467	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	22281	19.263	ug/l	98
82) 4-Chlorotoluene	12.86	91	243154	21.289	ug/l	98
83) tert-Butylbenzene	13.08	119	267303	21.742	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	297401	21.283	ug/l	99
85) sec-Butylbenzene	13.25	105	370873	21.740	ug/l	100
86) p-Isopropyltoluene	13.37	119	345637	21.623	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	168847	21.110	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	166096	20.971	ug/l	98
89) n-Butylbenzene	13.70	91	317445	21.815	ug/l	100
90) Hexachloroethane	13.96	117	63640	21.862	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	149514	20.949	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8932	17.812	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

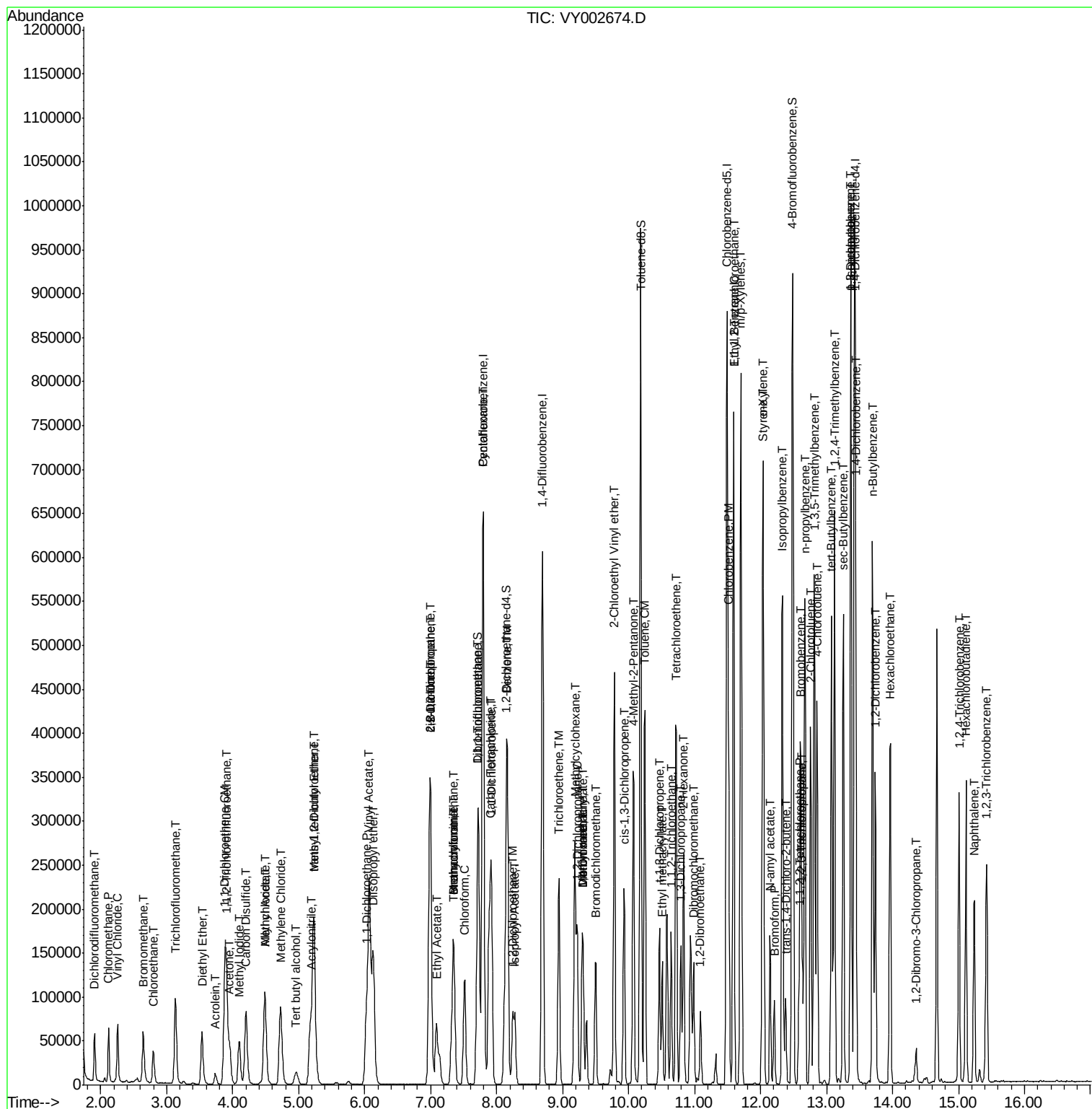
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	106820	20.615	ug/l	100
94) Hexachlorobutadiene	15.11	225	67423	21.677	ug/l	99
95) Naphthalene	15.24	128	178909	18.927	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	88451	20.108	ug/l	100

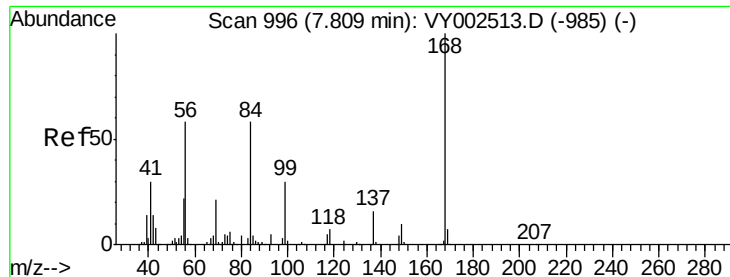
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

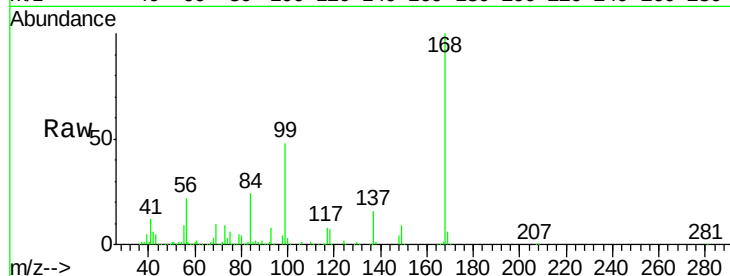
ClientSampleId :

Tot Ion:168 Resp: 383616

Ion Ratio Lower Upper

168 100

99 48.1 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) (-)

7.80

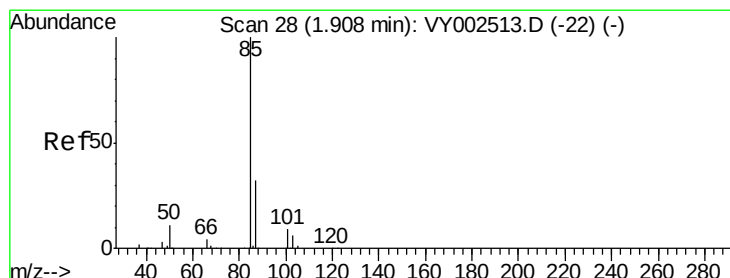
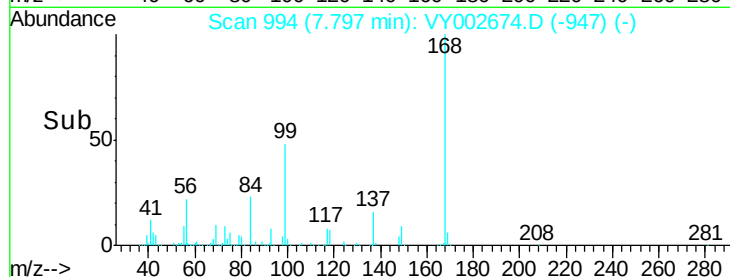
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 14.969 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002674.D

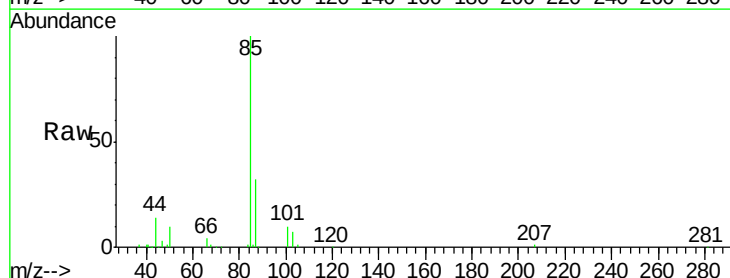
Acq: 13 May 2020 11:20

Tgt Ion: 85 Resp: 43338

Ion Ratio Lower Upper

85 100

87 31.7 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) (-)

1.91

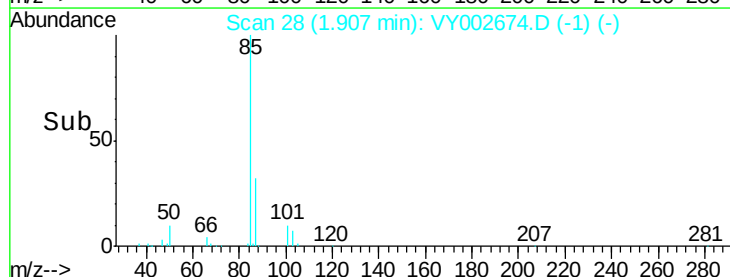
30000

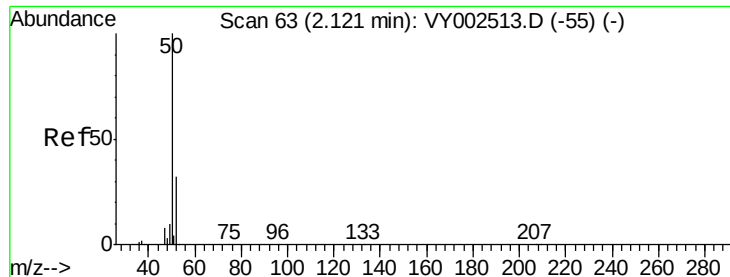
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.037 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

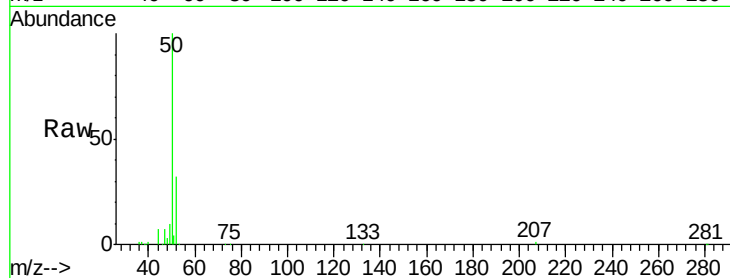
ClientSampleId :

Tot Ion: 50 Resp: 56059

Ion Ratio Lower Upper

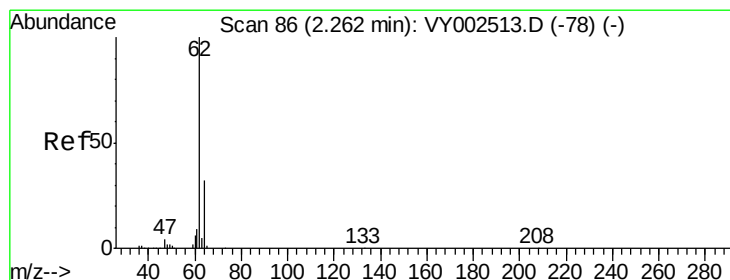
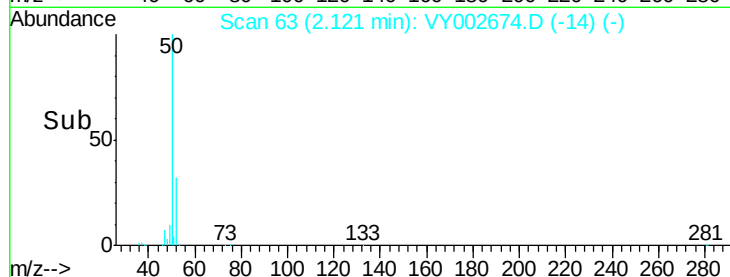
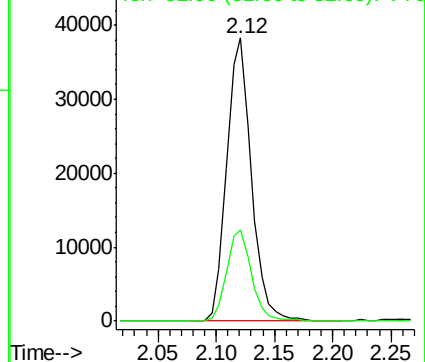
50 100

52 32.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 17.683 ug/l

RT: 2.25 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002674.D

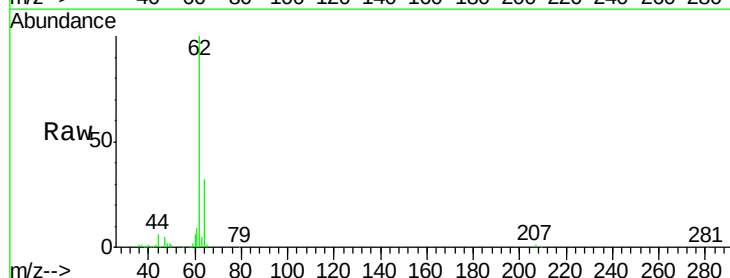
Acq: 13 May 2020 11:20

Tgt Ion: 62 Resp: 63462

Ion Ratio Lower Upper

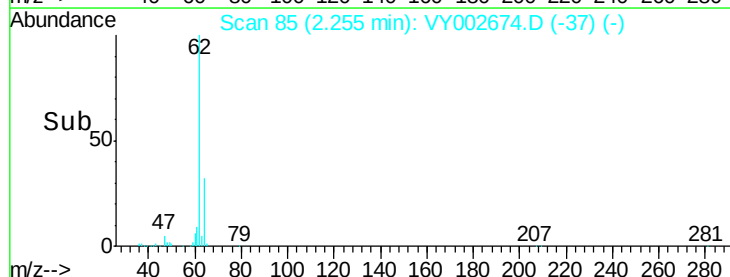
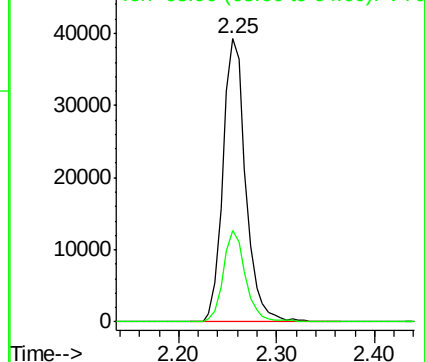
62 100

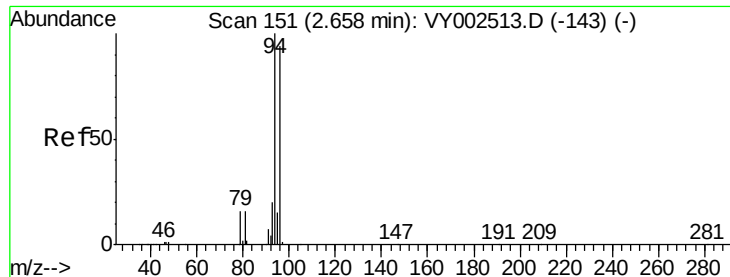
64 32.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.366 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

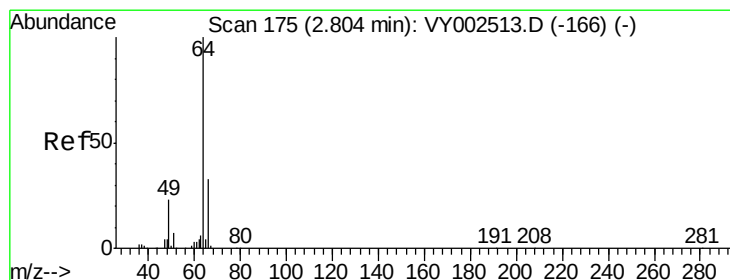
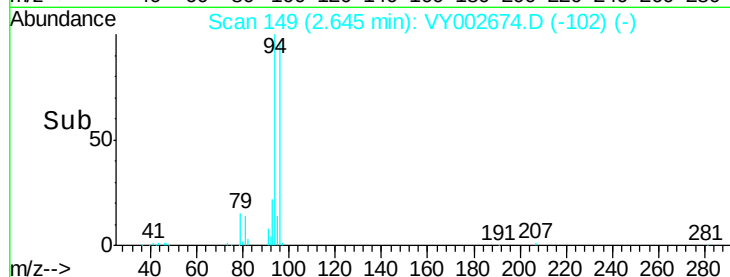
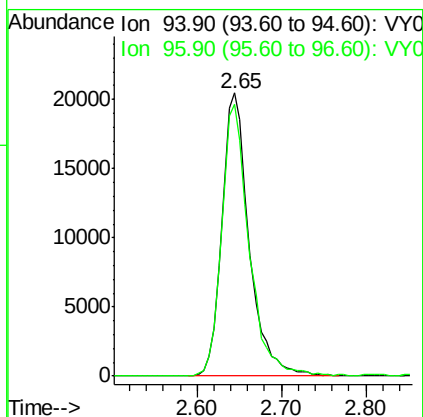
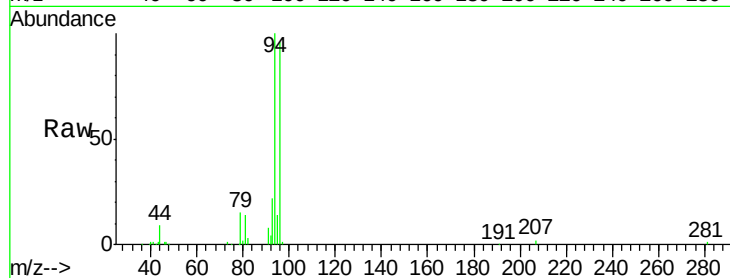
ClientSampleId :

Tot Ion: 94 Resp: 45454

Ion Ratio Lower Upper

94 100

96 96.2 74.9 112.3



#6

Chloroethane

Concen: 18.742 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002674.D

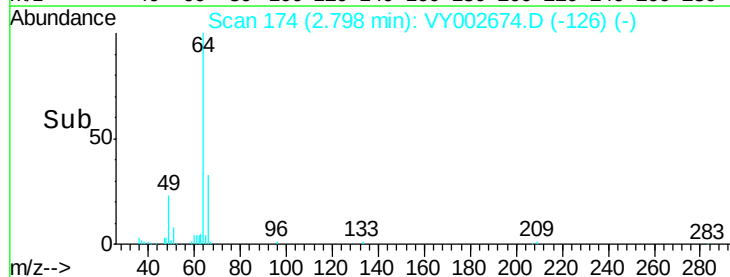
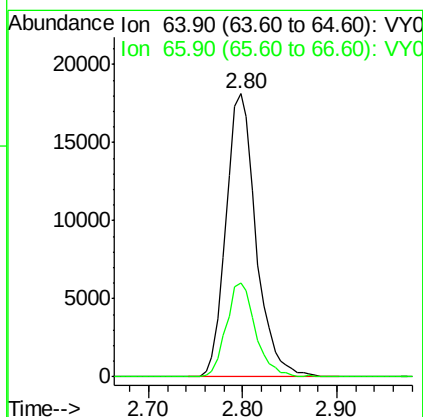
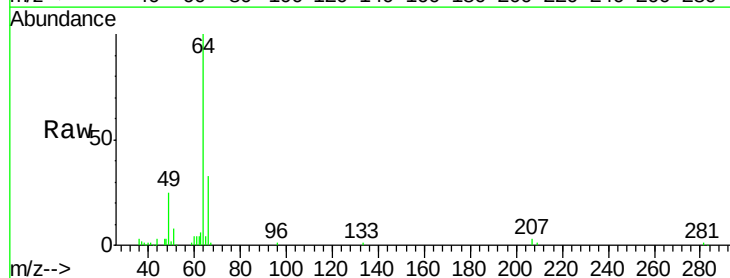
Acq: 13 May 2020 11:20

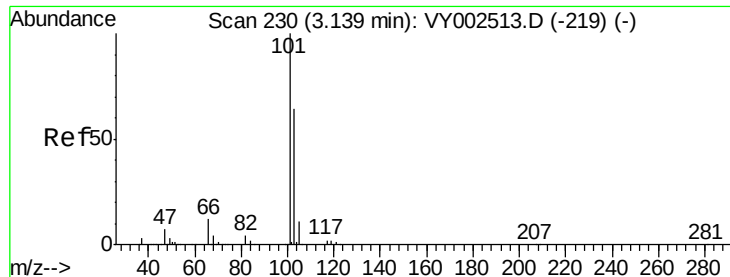
Tgt Ion: 64 Resp: 40161

Ion Ratio Lower Upper

64 100

66 33.4 26.3 39.5



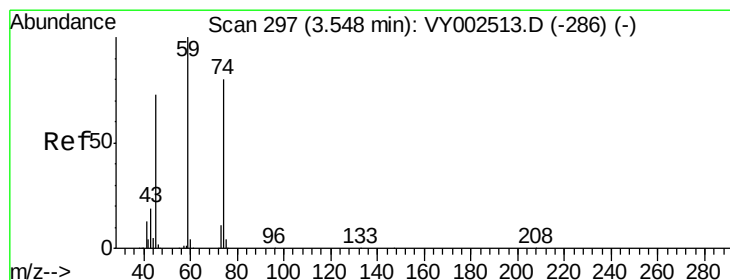
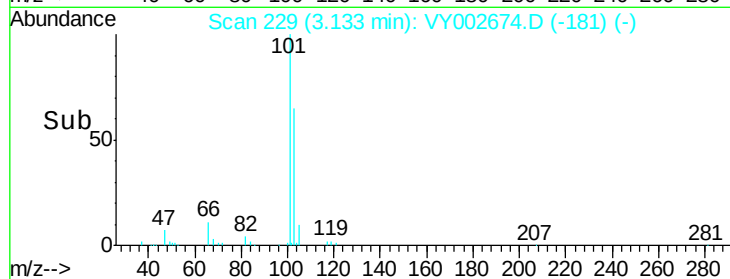
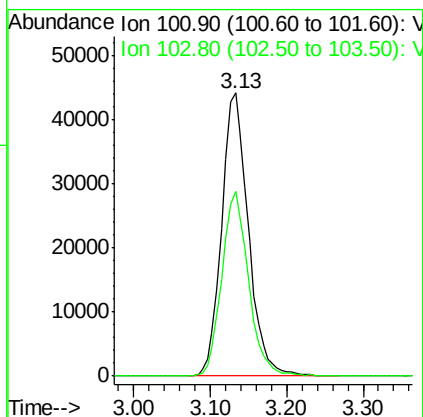
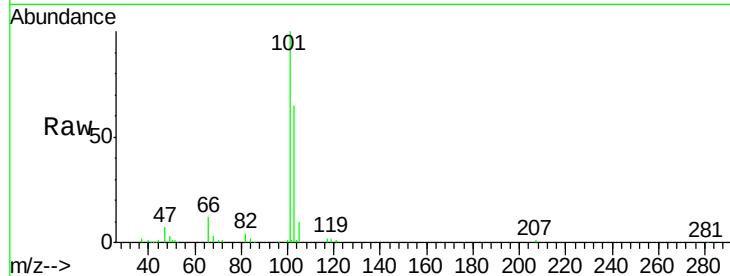


#7

Trichlorofluoromethane
Concen: 19.195 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :

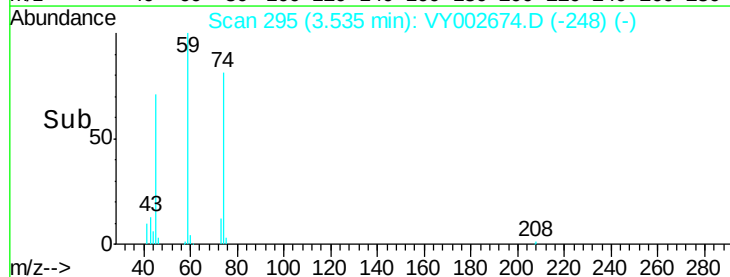
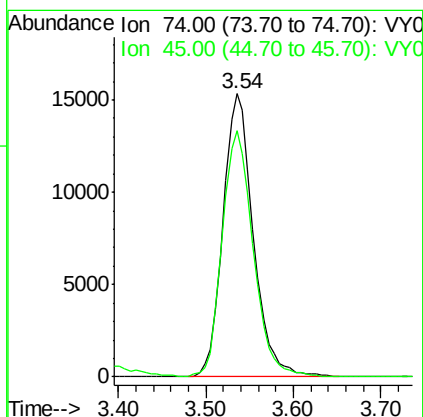
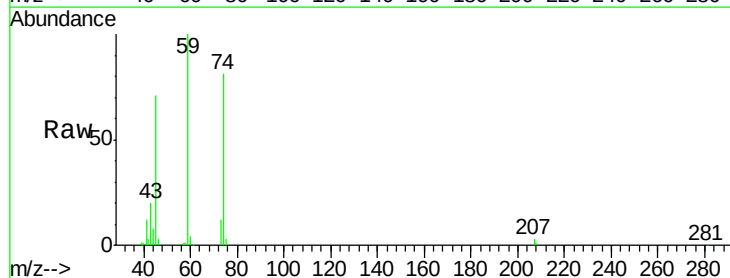
Tot Ion:101 Resp: 106762
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0

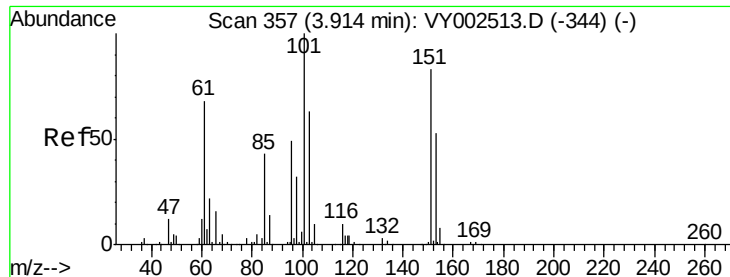


#8

Diethyl Ether
Concen: 19.686 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Tgt Ion: 74 Resp: 36795
Ion Ratio Lower Upper
74 100
45 89.7 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.116 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

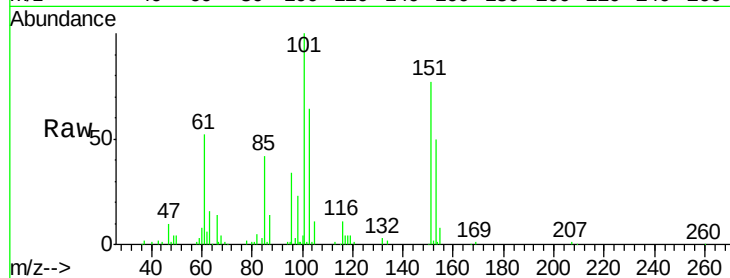
Tot Ion:101 Resp: 68383

Ion Ratio Lower Upper

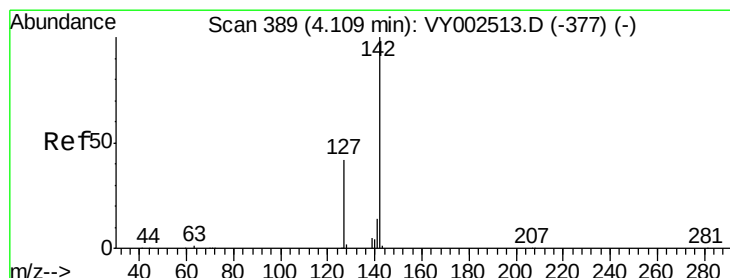
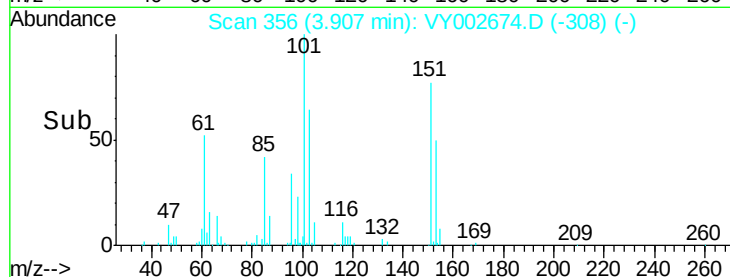
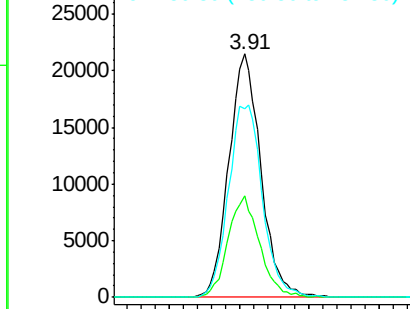
101 100

85 41.1 33.4 50.2

151 84.0 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: 17.969 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

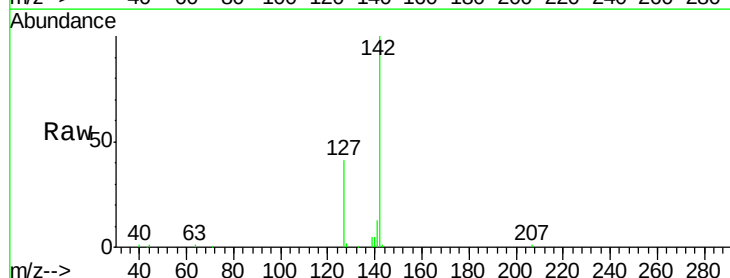
Tgt Ion:142 Resp: 83219

Ion Ratio Lower Upper

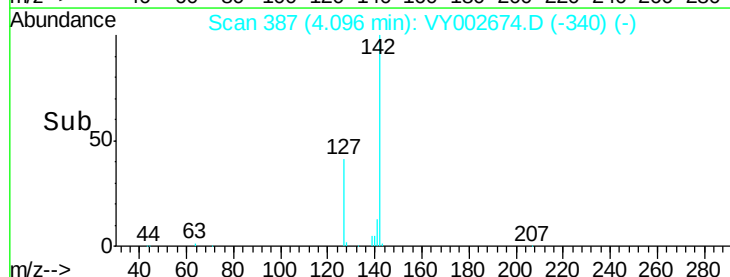
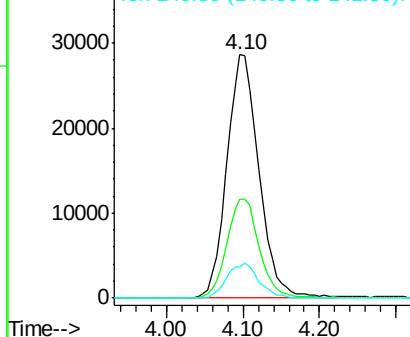
142 100

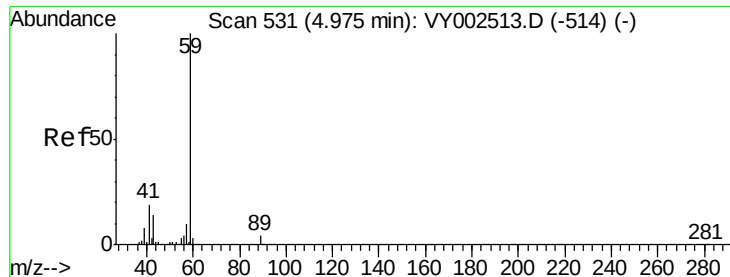
127 41.2 33.7 50.5

141 14.2 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



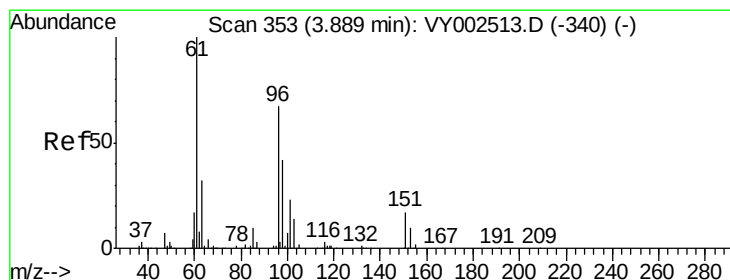
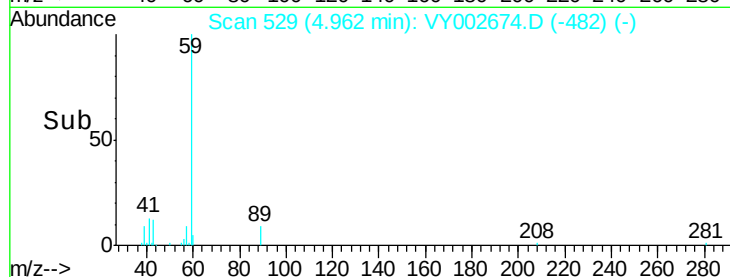
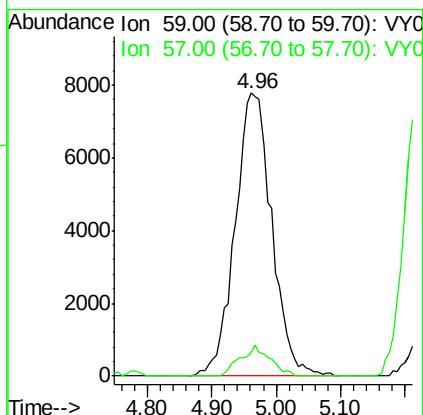
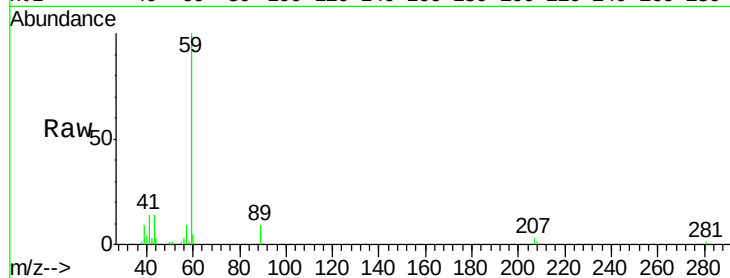


#11

Tert butyl alcohol
Concen: 92.120 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :

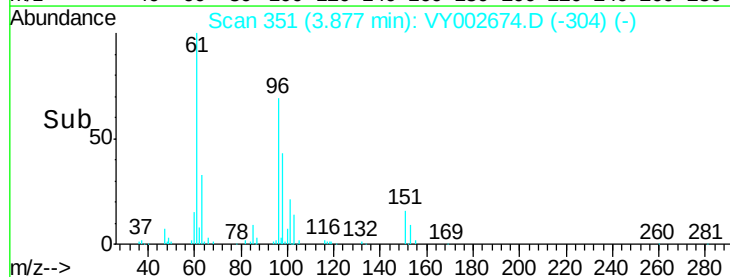
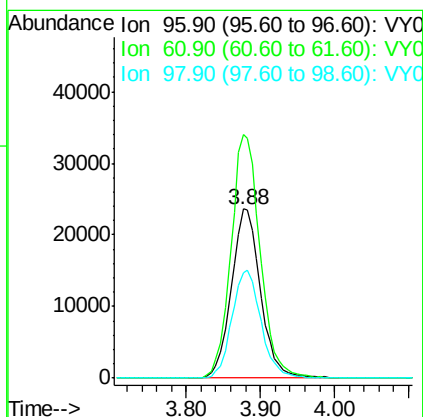
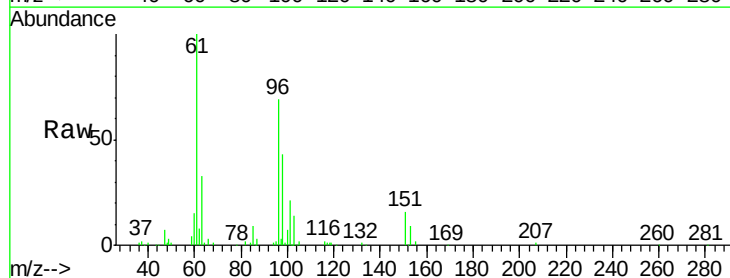
Tot Ion: 59 Resp: 30570
Ion Ratio Lower Upper
59 100
57 8.8 7.8 11.6

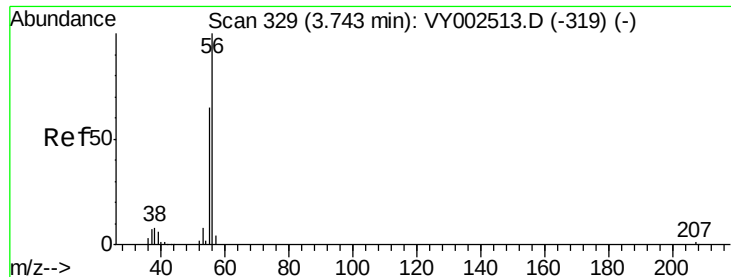


#12

1,1-Dichloroethene
Concen: 19.614 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Tgt Ion: 96 Resp: 64772
Ion Ratio Lower Upper
96 100
61 144.2 118.8 178.2
98 62.6 49.6 74.4





#13

Acrolein

Concen: 63.397 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

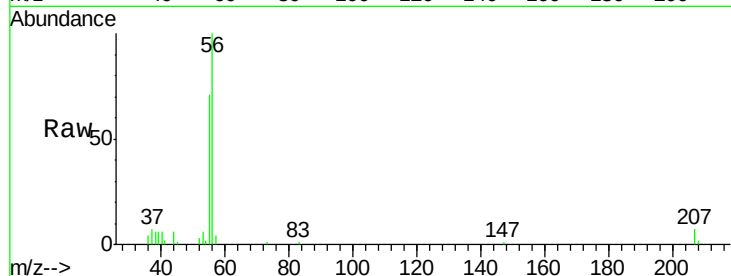
ClientSampleId :

Tot Ion: 56 Resp: 14548

Ion Ratio Lower Upper

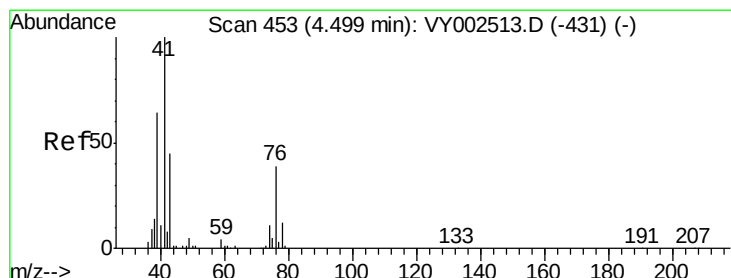
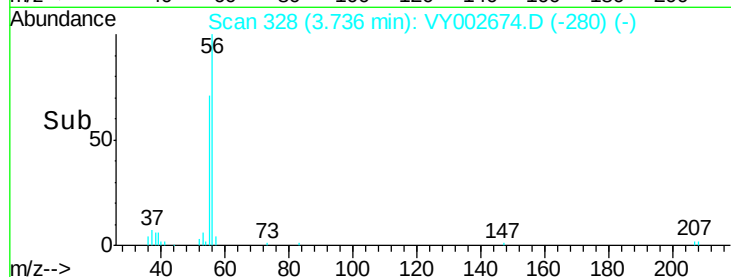
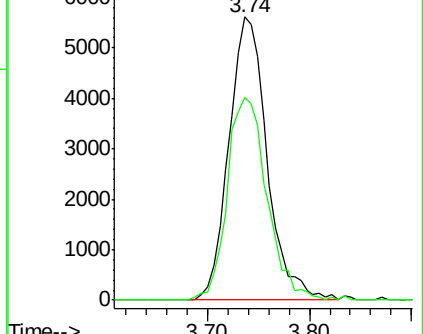
56 100

55 74.1 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: 19.971 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

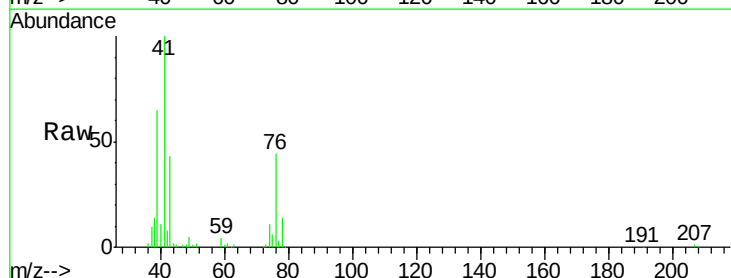
Tgt Ion: 41 Resp: 96091

Ion Ratio Lower Upper

41 100

39 62.8 51.8 77.6

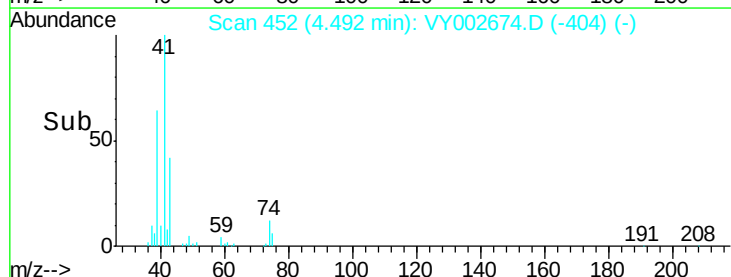
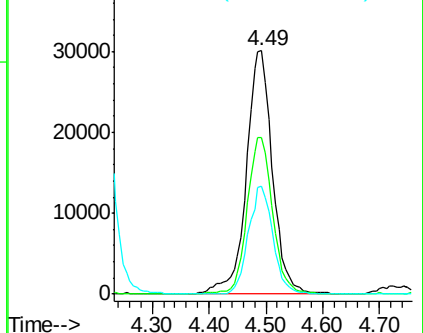
76 41.3 31.7 47.5

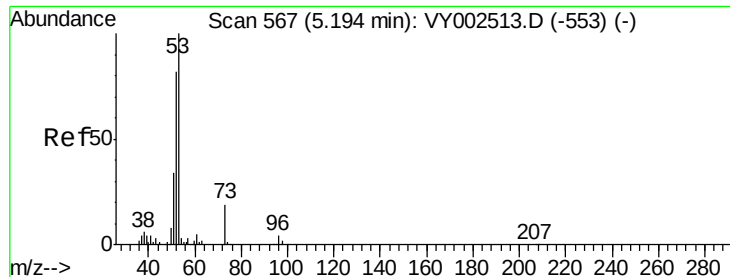


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 94.153 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

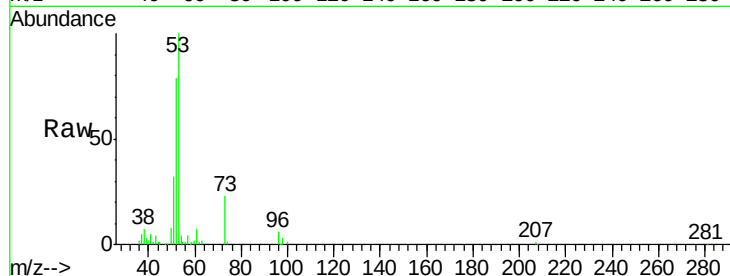
Tot Ion: 53 Resp: 82991

Ion Ratio Lower Upper

53 100

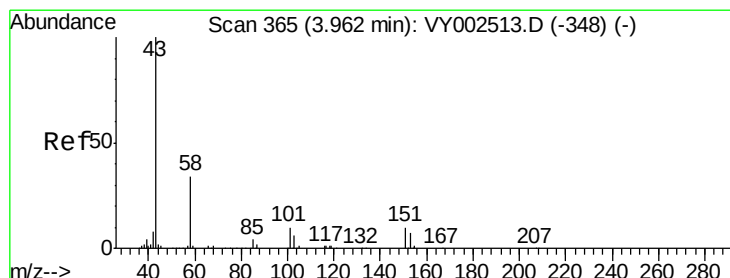
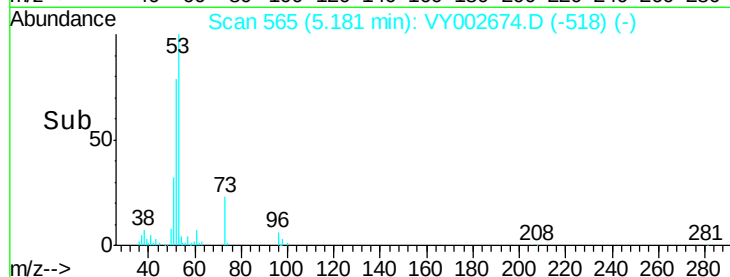
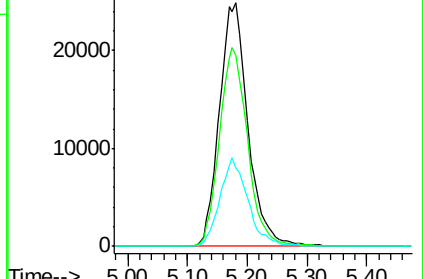
52 80.4 65.4 98.0

51 35.5 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY002513.D (-553) (-)

5.18



#16

Acetone

Concen: 85.645 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002674.D

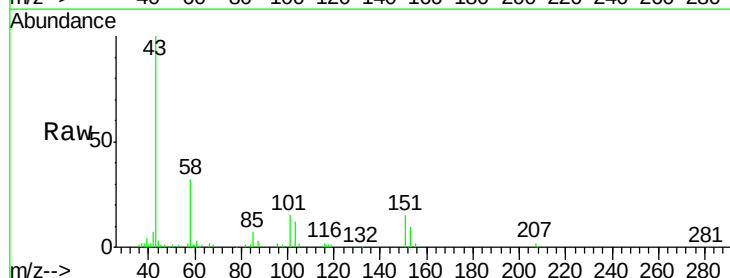
Acq: 13 May 2020 11:20

Tgt Ion: 43 Resp: 57012

Ion Ratio Lower Upper

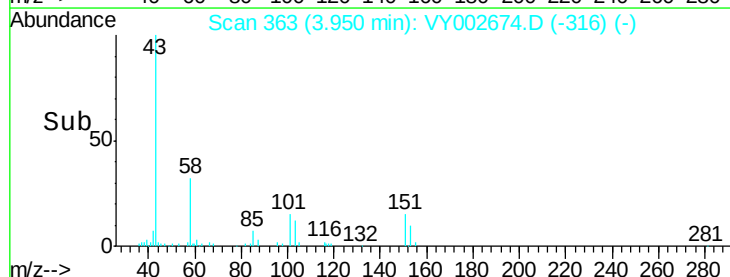
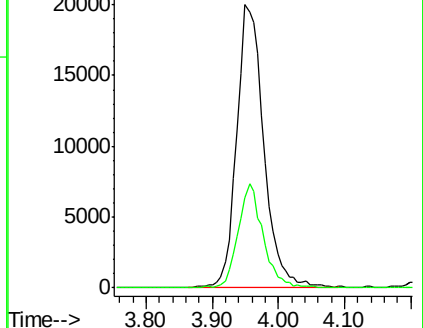
43 100

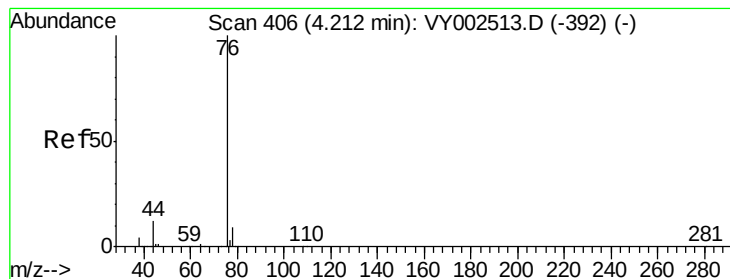
58 31.9 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

3.95





#17

Carbon Disulfide

Concen: 17.215 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

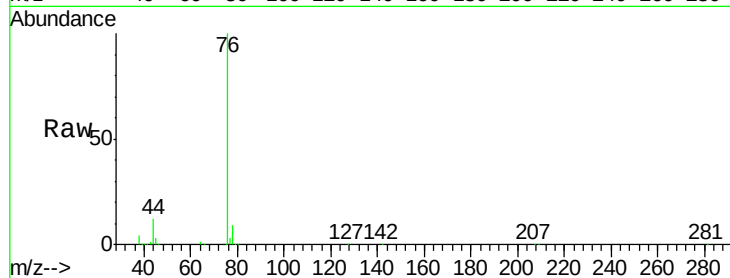
ClientSampleId :

Tot Ion: 76 Resp: 171024

Ion Ratio Lower Upper

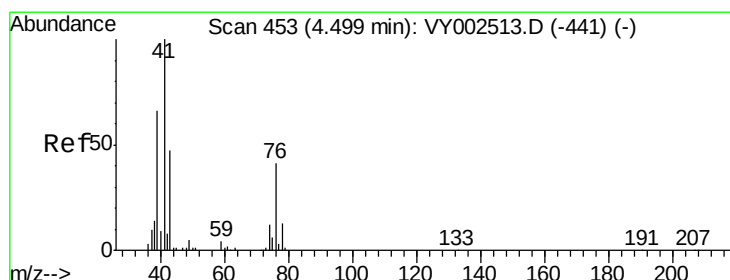
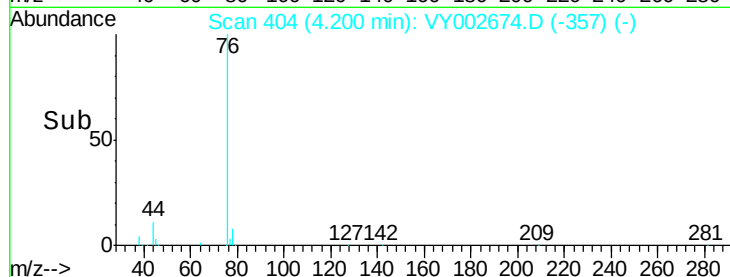
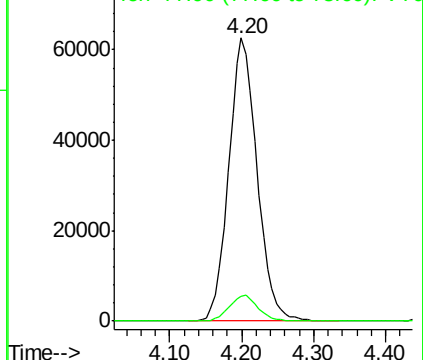
76 100

78 8.7 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: 18.732 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.02 min

Lab File: VY002674.D

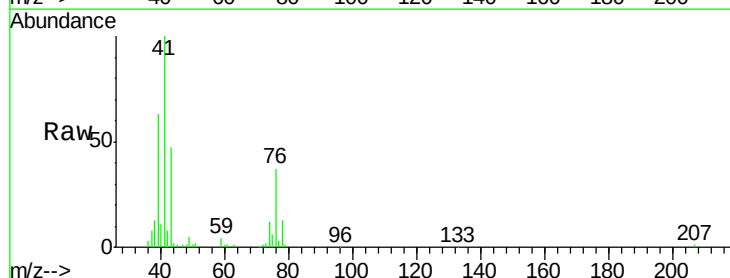
Acq: 13 May 2020 11:20

Tgt Ion: 43 Resp: 41664

Ion Ratio Lower Upper

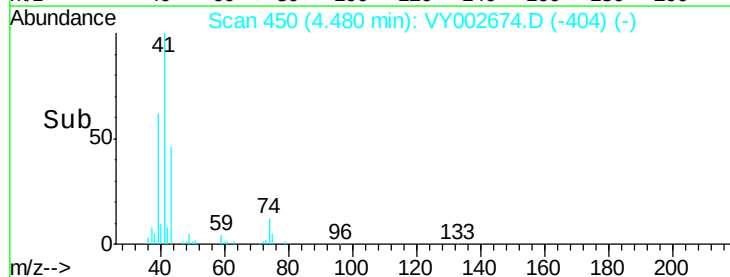
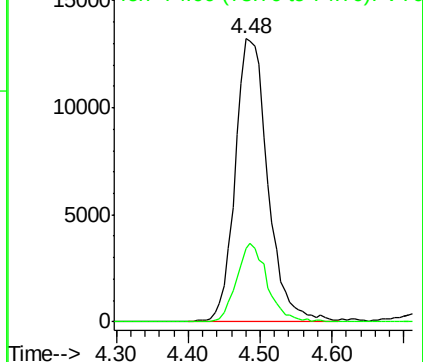
43 100

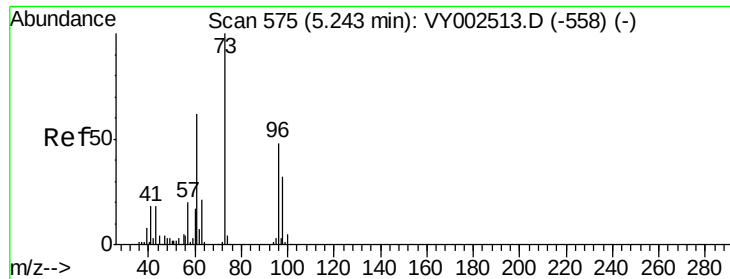
74 25.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

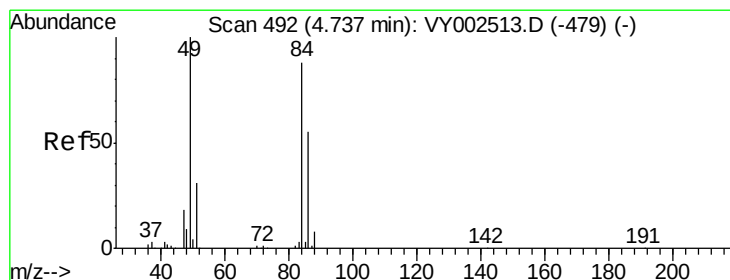
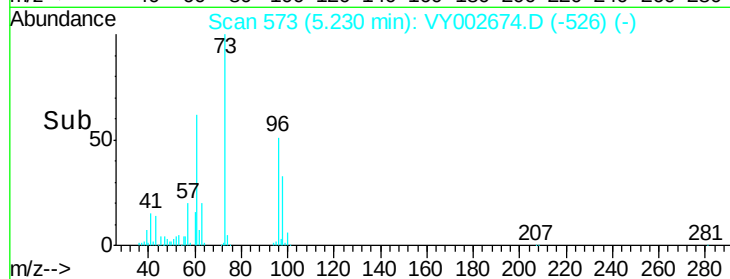
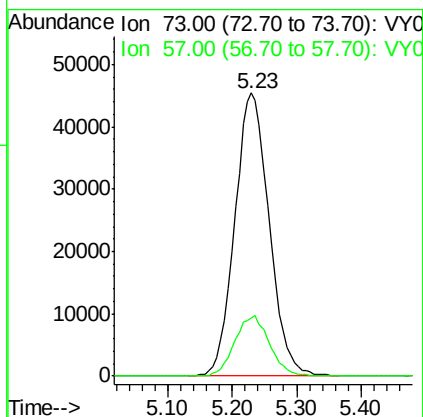
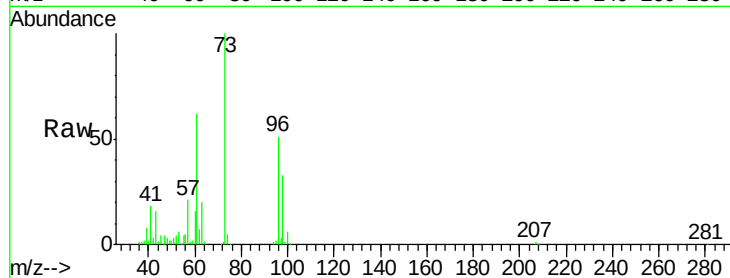




#19
Methyl tert-butyl Ether
Concen: 19.464 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

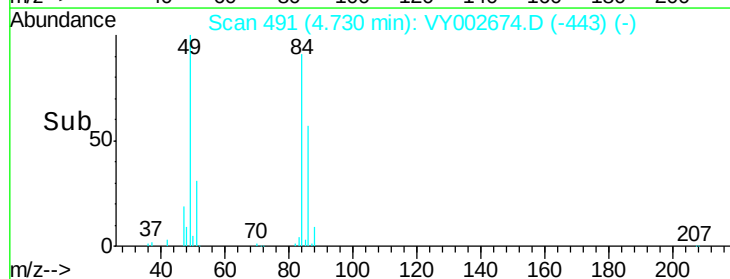
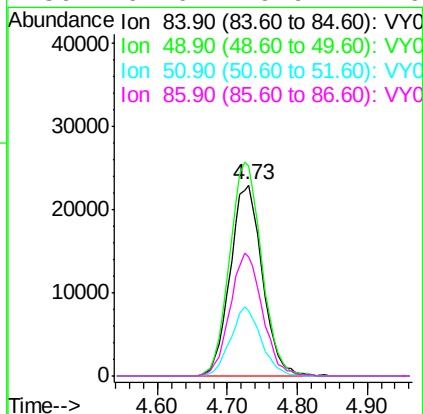
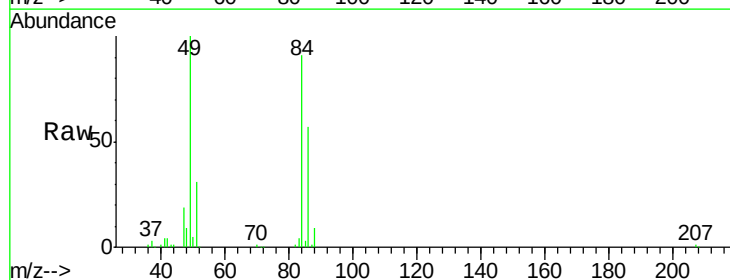
Instrument :
MSVOA_Y
ClientSampled :

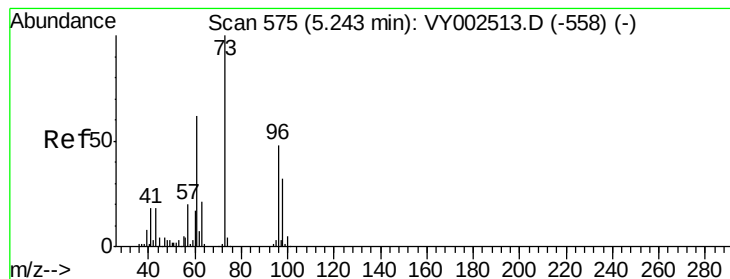
Tot Ion: 73 Resp: 167698
Ion Ratio Lower Upper
73 100
57 20.6 16.3 24.5



#20
Methylene Chloride
Concen: 19.706 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Tgt Ion: 84 Resp: 73357
Ion Ratio Lower Upper
84 100
49 109.9 90.5 135.7
51 34.2 28.3 42.5
86 62.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.895 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

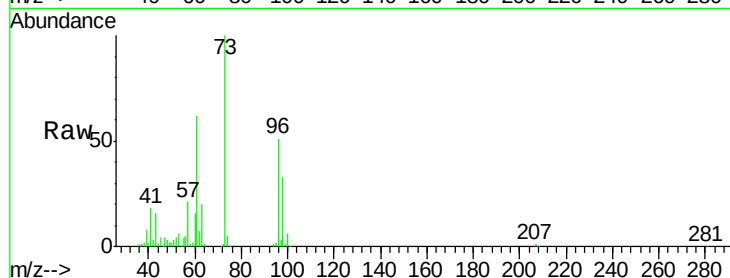
Tot Ion: 96 Resp: 71808

Ion Ratio Lower Upper

96 100

61 121.3 102.0 153.0

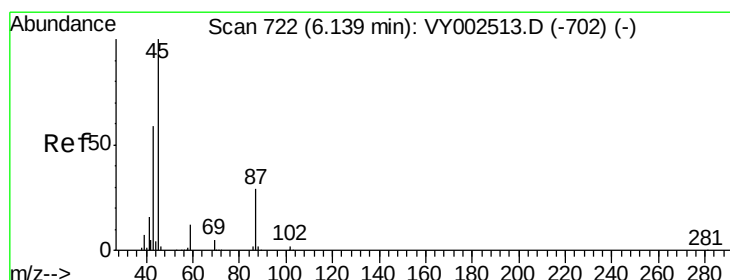
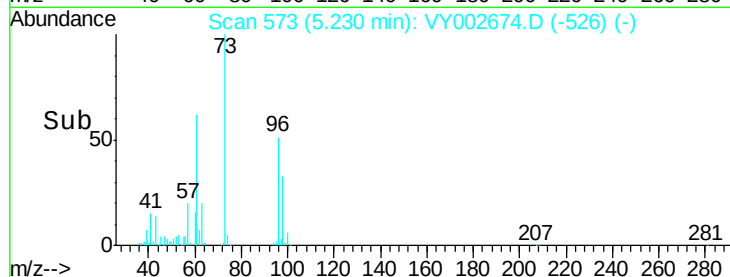
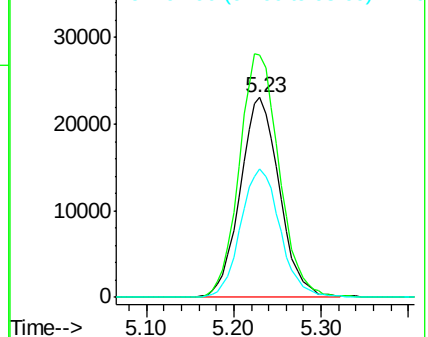
98 64.4 53.0 79.4



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: 20.999 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Tgt Ion: 45 Resp: 204440

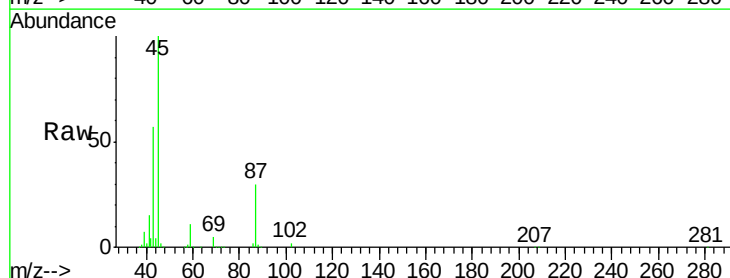
Ion Ratio Lower Upper

45 100

43 56.2 47.4 71.0

87 30.0 24.0 36.0

59 11.4 9.8 14.8

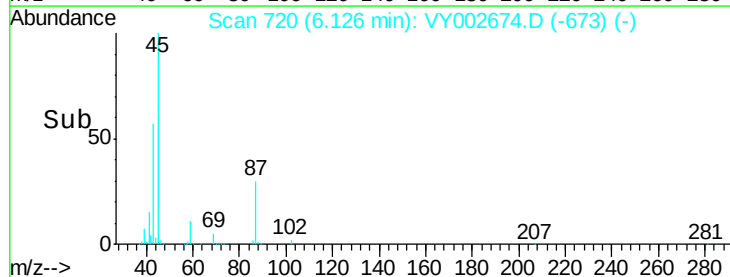
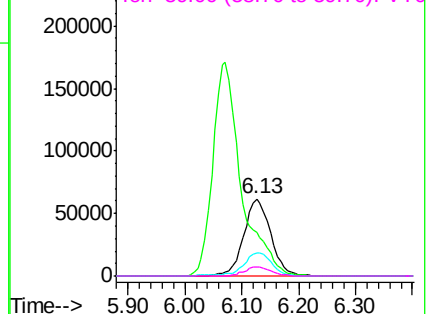


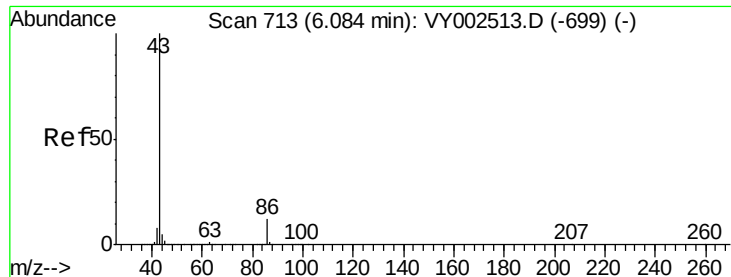
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 96.478 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

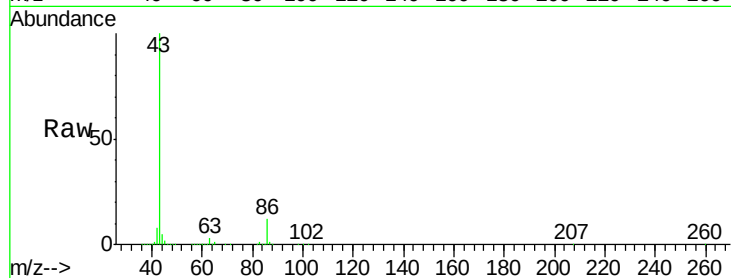
ClientSampleId :

Tot Ion: 43 Resp: 590706

Ion Ratio Lower Upper

43 100

86 11.8 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

200000

150000

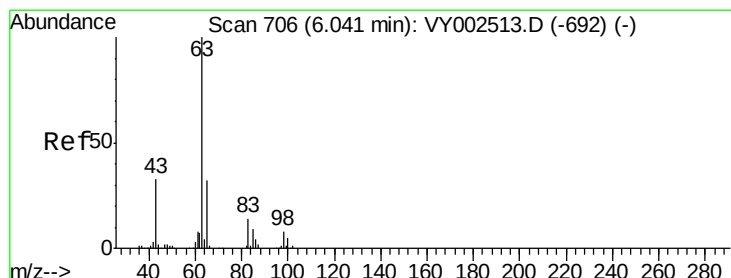
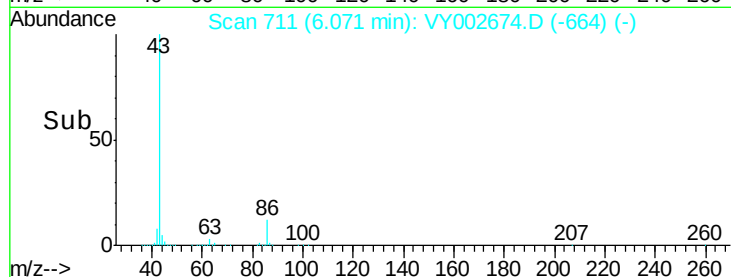
100000

50000

0

6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 20.441 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

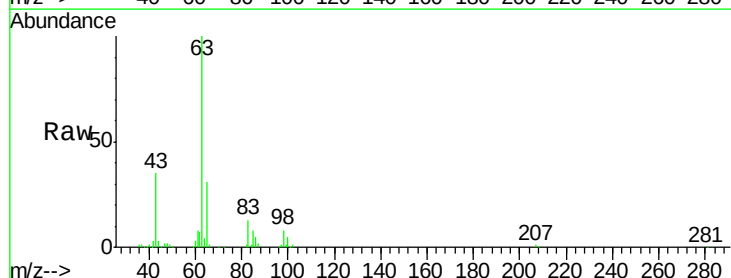
Tgt Ion: 63 Resp: 117731

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 5.1 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

50000

40000

30000

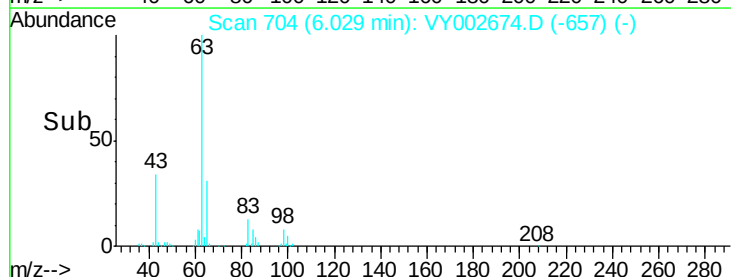
20000

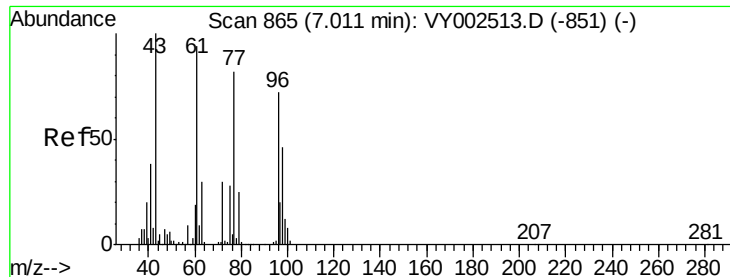
10000

0

5.90 6.10 6.20

Time-->





#25

2-Butanone

Concen: 90.652 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

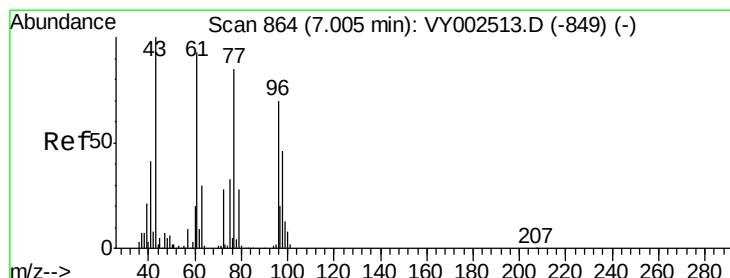
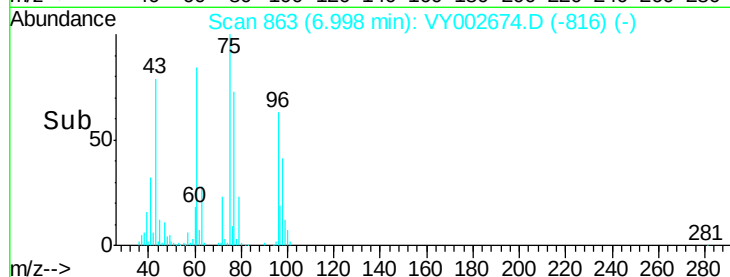
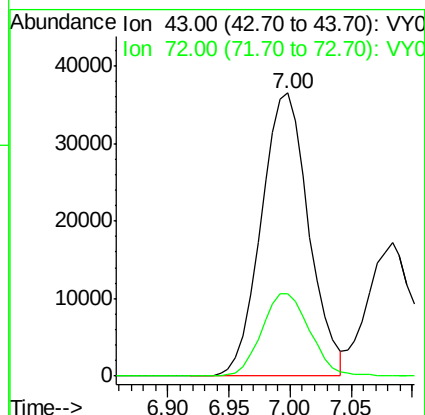
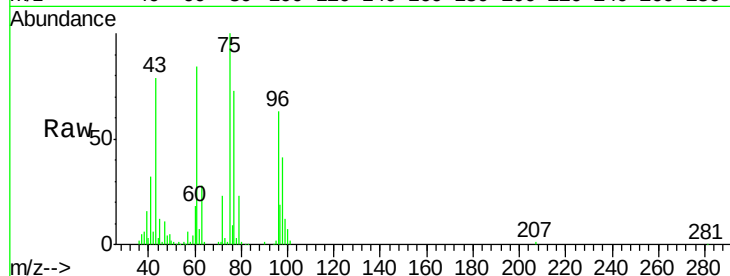
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 98781

Ion Ratio Lower Upper

43 100

72 29.2 24.1 36.1



#26

2,2-Dichloropropane

Concen: 20.774 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002674.D

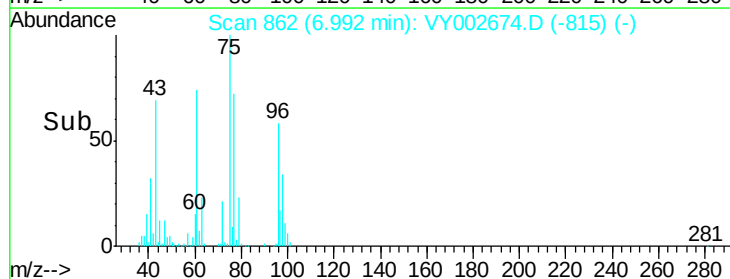
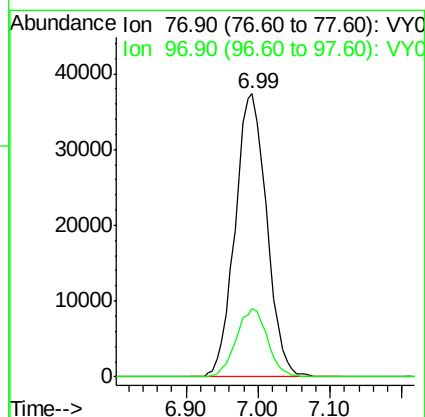
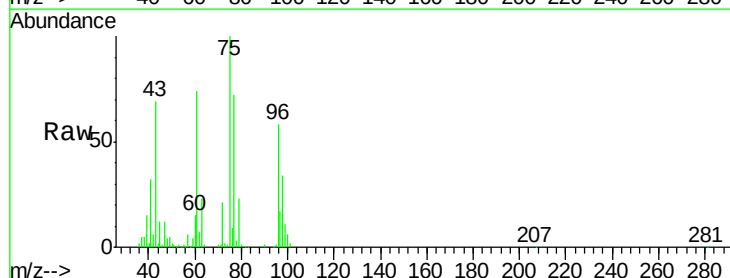
Acq: 13 May 2020 11:20

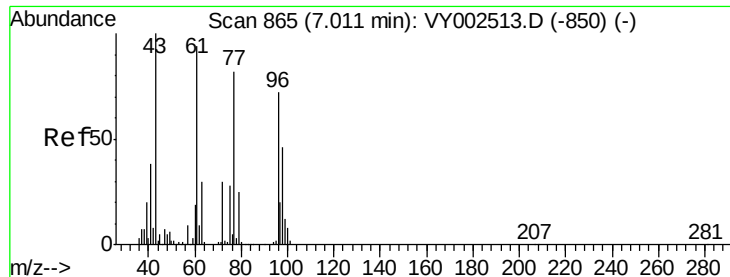
Tgt Ion: 77 Resp: 113732

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.5



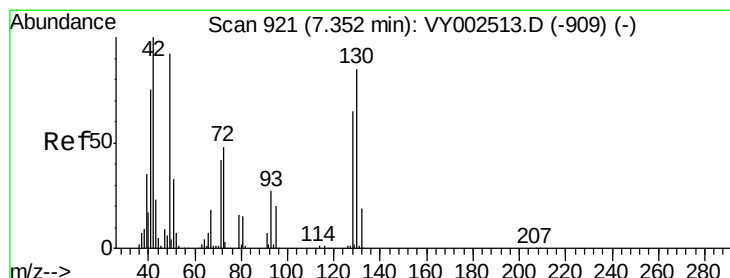
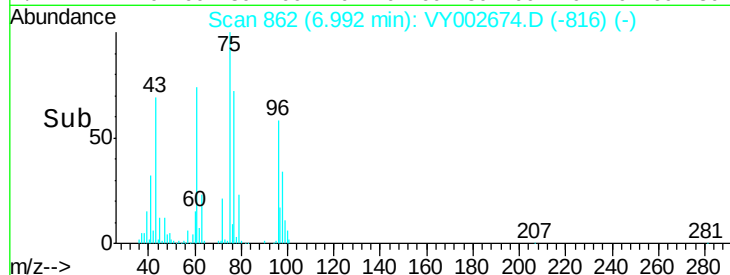
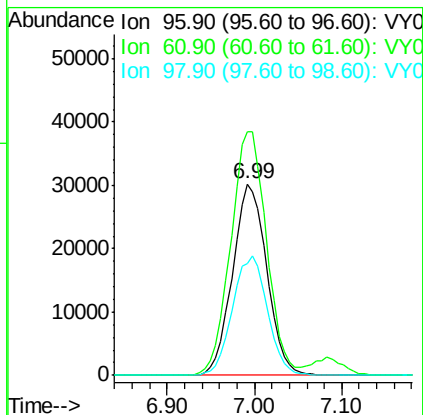
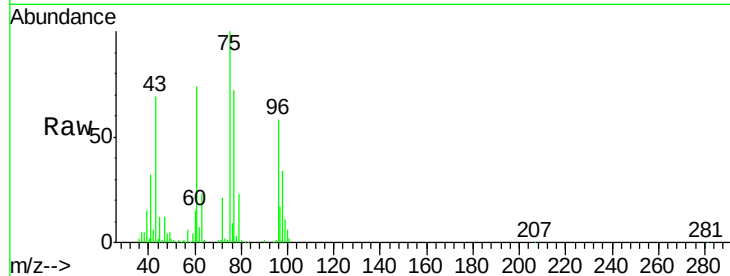


#27

cis-1,2-Dichloroethene
 Concen: 20.578 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.02 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

Instrument :
 MSVOA_Y
 ClientSampled :

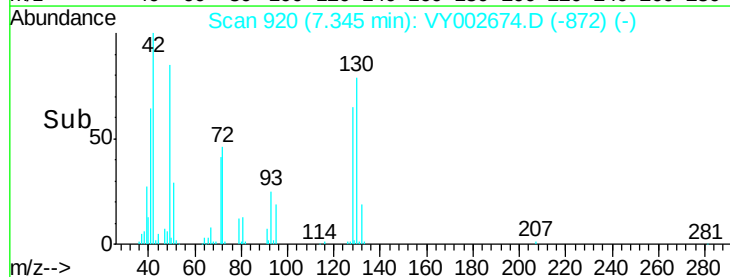
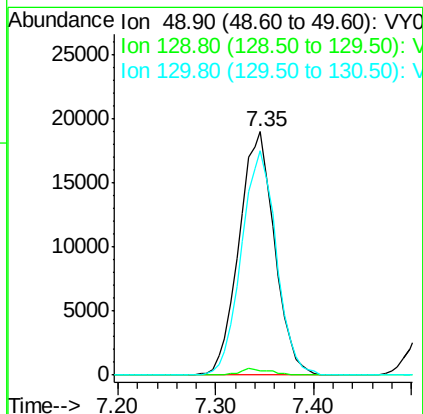
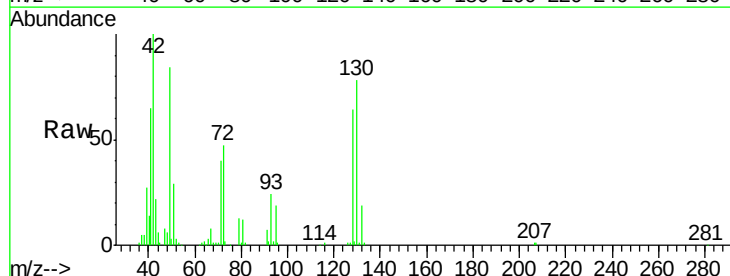
Tot Ion: 96 Resp: 82183
 Ion Ratio Lower Upper
 96 100
 61 133.6 0.0 266.6
 98 63.6 0.0 129.2

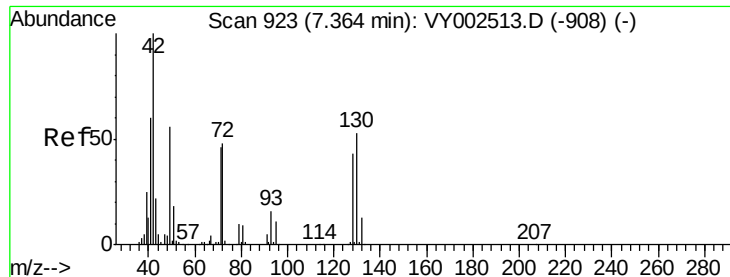


#28

Bromochloromethane
 Concen: 20.228 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

Tgt Ion: 49 Resp: 47734
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 90.8 72.5 108.7





#29

Tetrahydrofuran

Concen: 93.855 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

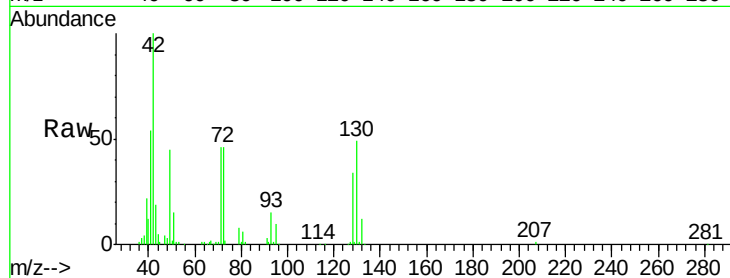
Tot Ion: 42 Resp: 67664

Ion Ratio Lower Upper

42 100

72 47.0 37.4 56.2

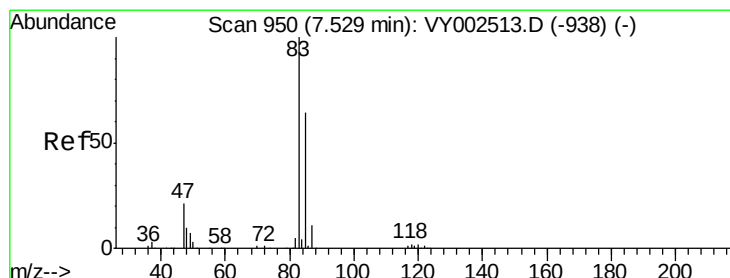
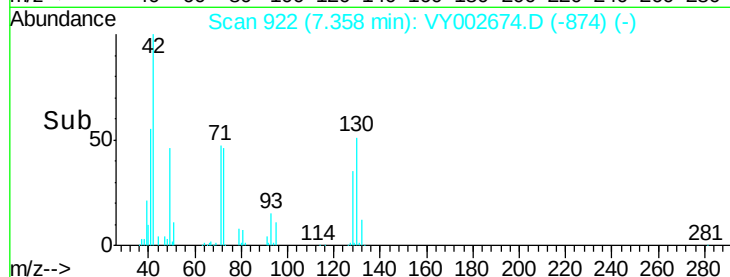
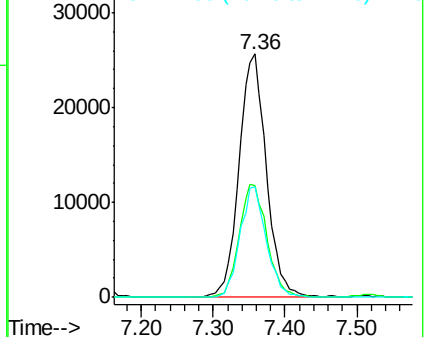
71 43.5 35.0 52.4



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: 20.566 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.02 min

Lab File: VY002674.D

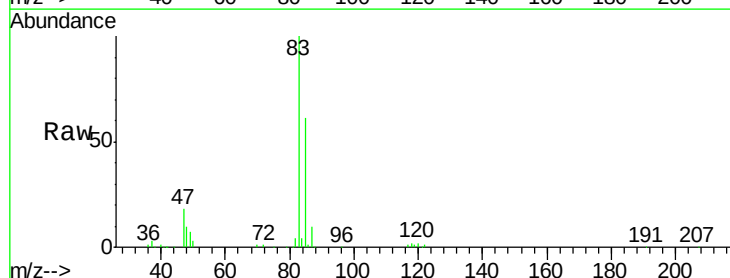
Acq: 13 May 2020 11:20

Tgt Ion: 83 Resp: 123165

Ion Ratio Lower Upper

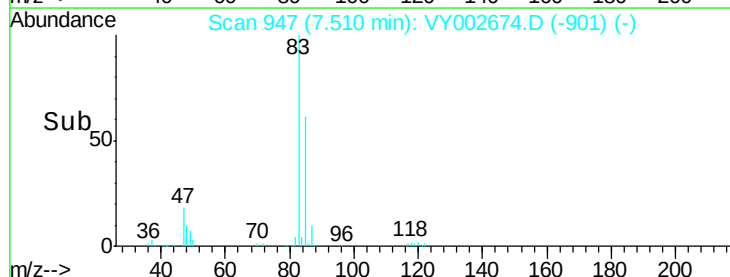
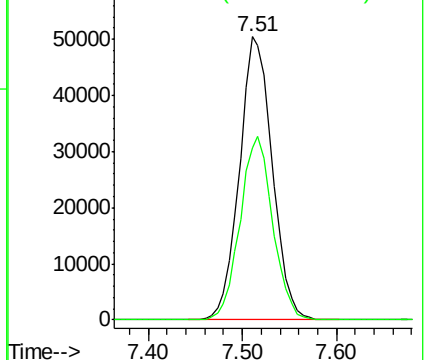
83 100

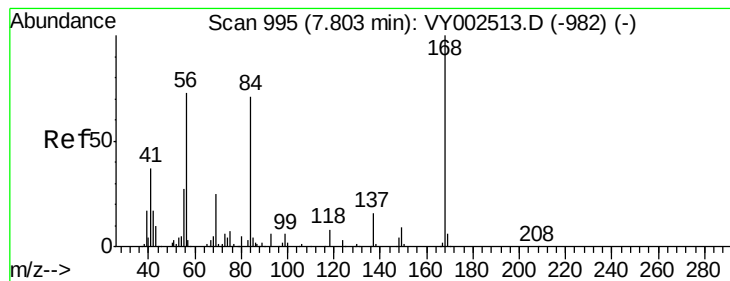
85 60.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 19.030 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

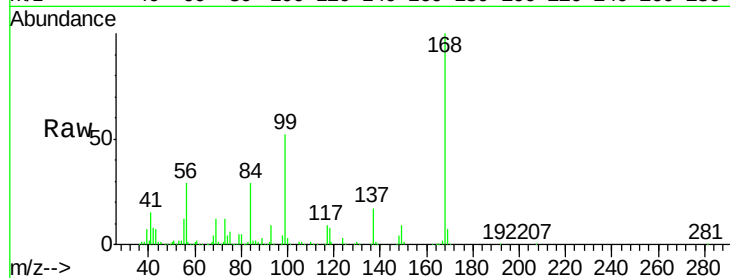
Lab File: VY002674.D

Acq: 13 May 2020 11:20

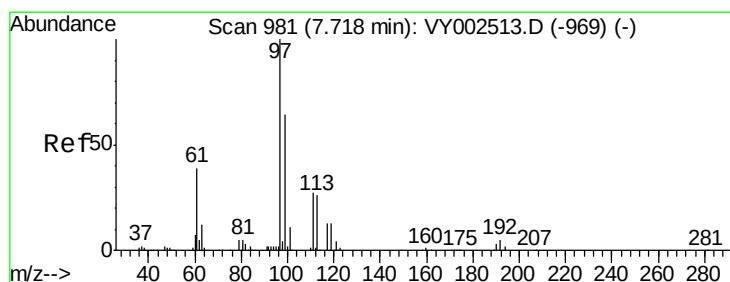
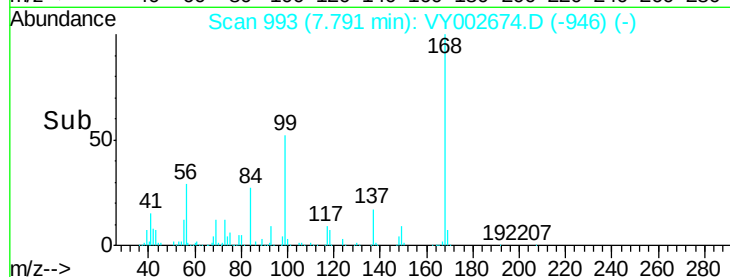
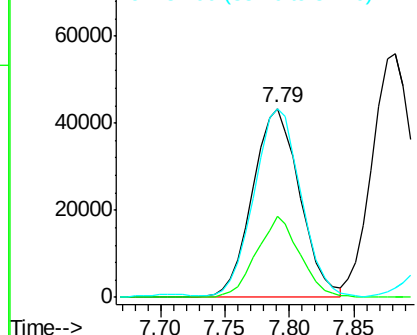
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 110324

Ion	Ratio	Lower	Upper
56	100		
69	42.9	27.6	41.4#
84	98.4	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: 20.275 ug/l

RT: 7.71 min Scan# 980

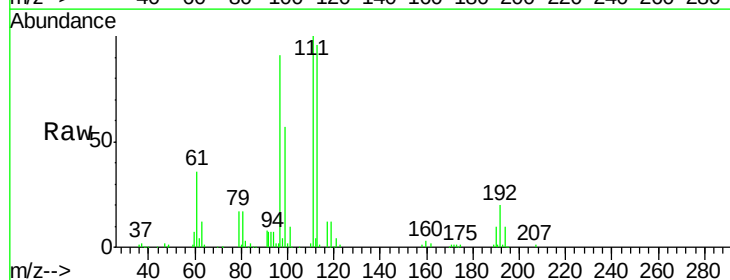
Delta R.T. -0.01 min

Lab File: VY002674.D

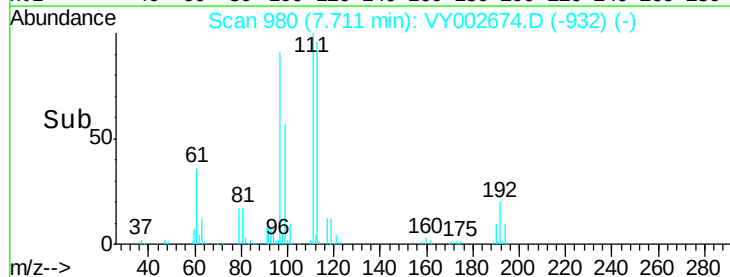
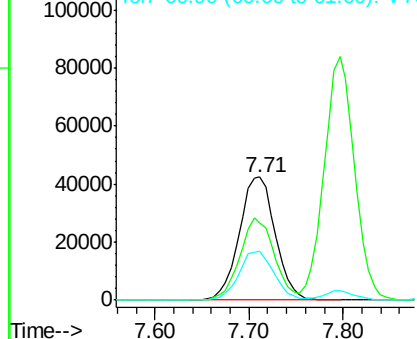
Acq: 13 May 2020 11:20

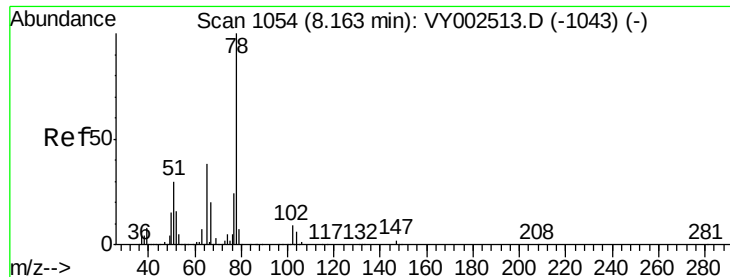
Tgt Ion: 97 Resp: 112854

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.9	77.9
61	39.1	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

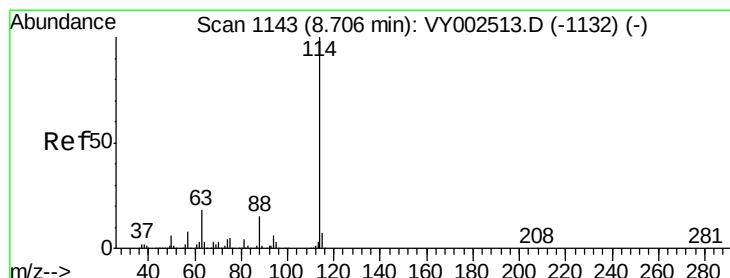
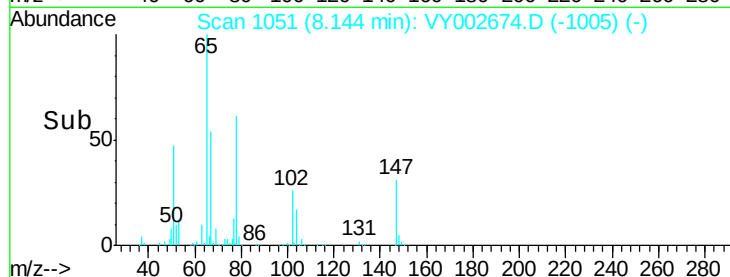
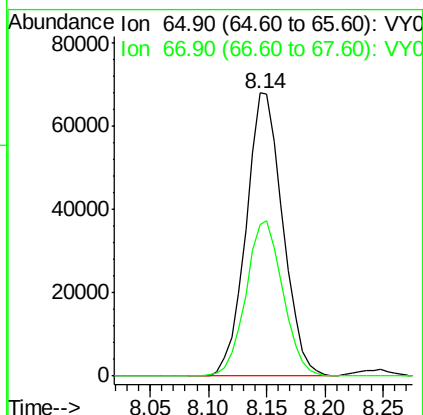
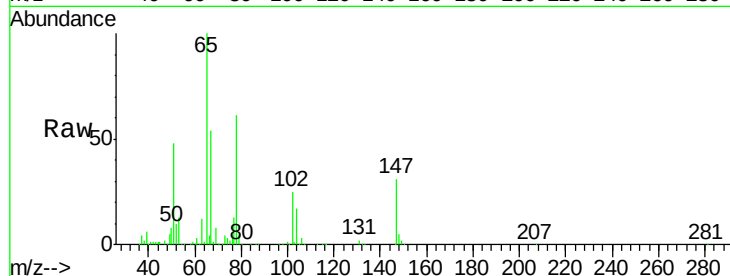




#33
 1,2-Dichloroethane-d4
 Concen: 46.244 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

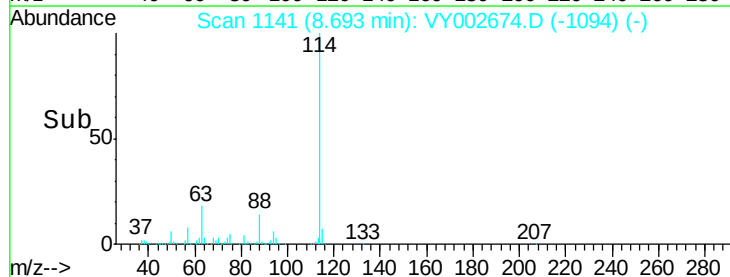
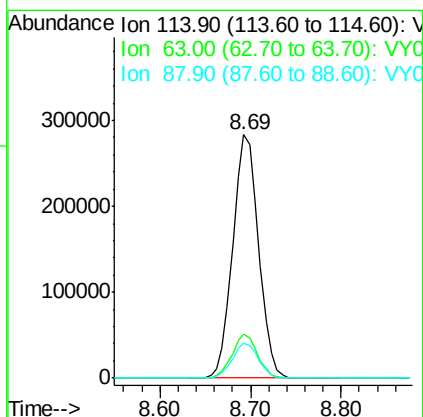
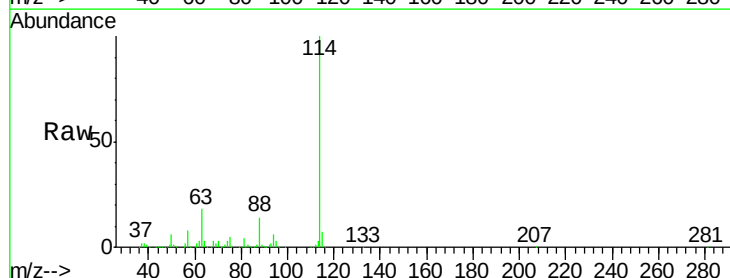
Instrument :
 MSVOA_Y
 ClientSampleId :

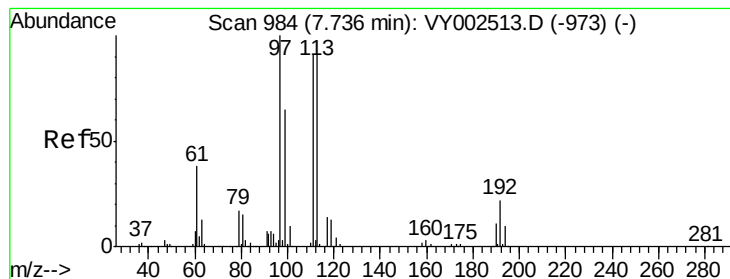
Tot Ion: 65 Resp: 149162
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

Tgt Ion: 114 Resp: 558152
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.4
 88 14.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 52.073 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

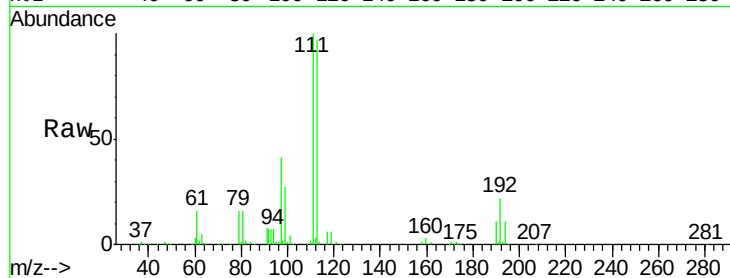
Tot Ion:113 Resp: 166222

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.6

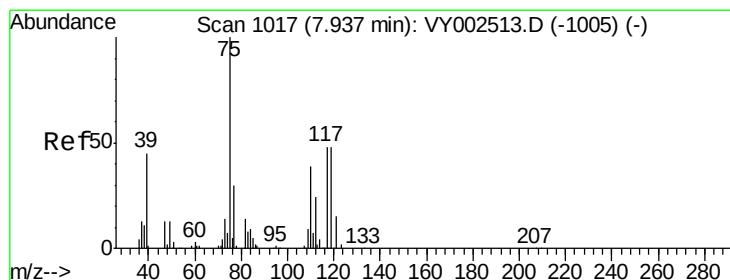
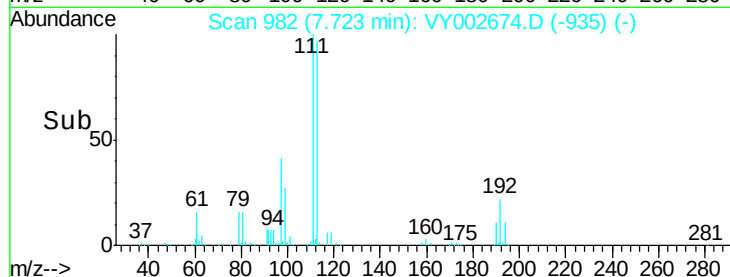
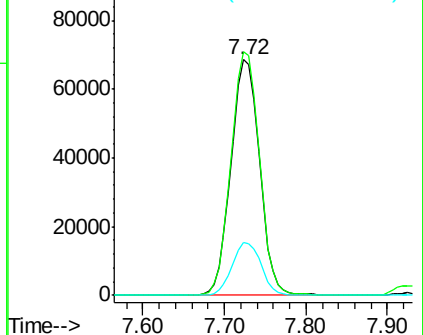
192 22.5 18.2 27.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.781 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.02 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

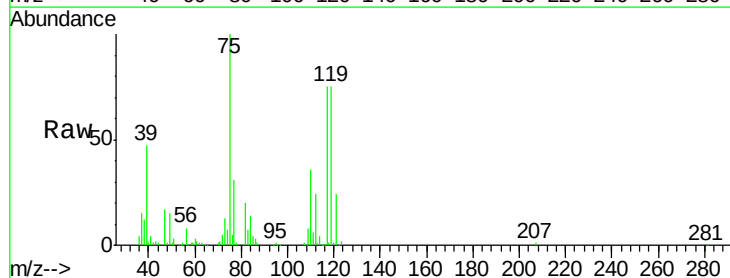
Tgt Ion: 75 Resp: 97233

Ion Ratio Lower Upper

75 100

110 37.9 19.1 57.3

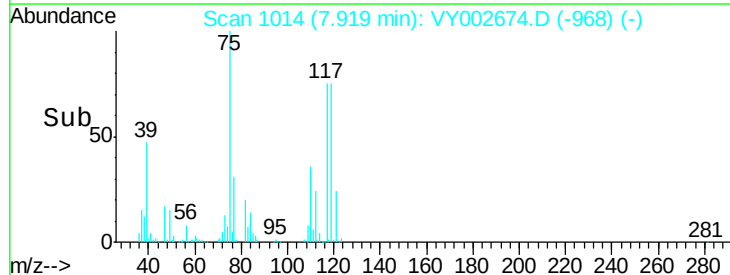
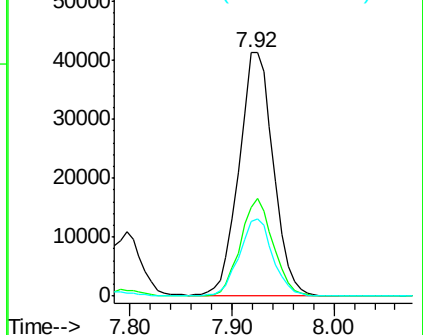
77 31.0 24.6 37.0

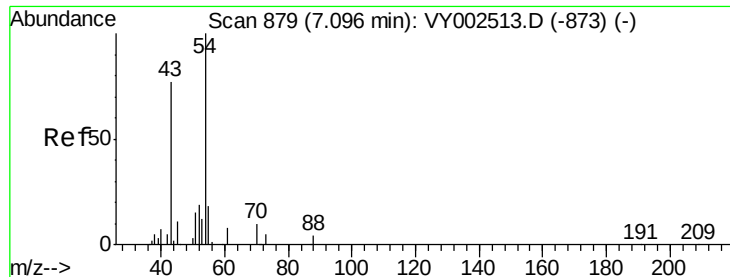


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

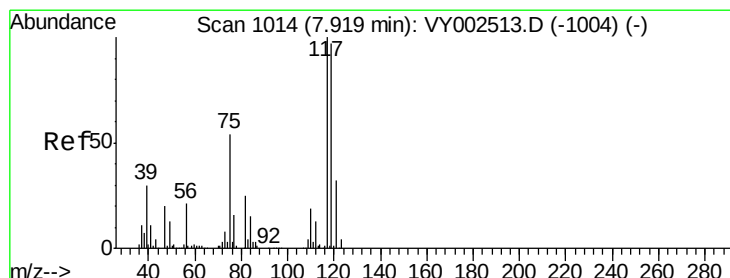
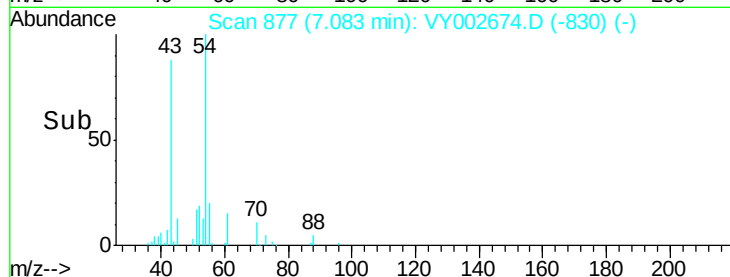
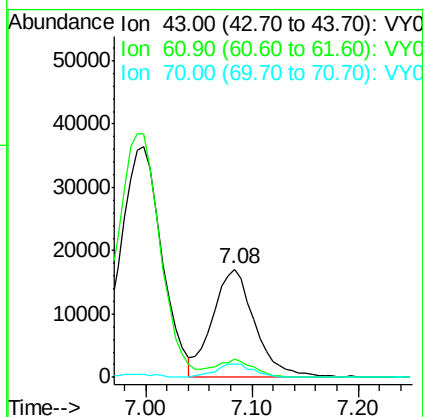
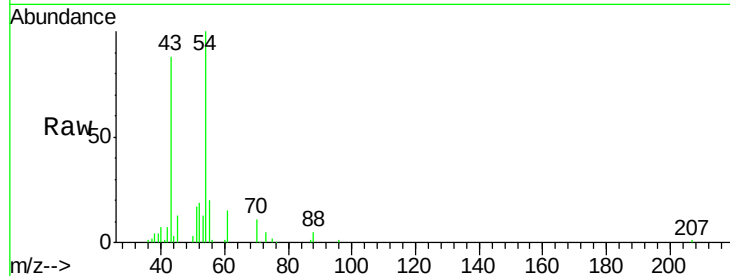




#37
Ethyl Acetate
Concen: 19.376 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

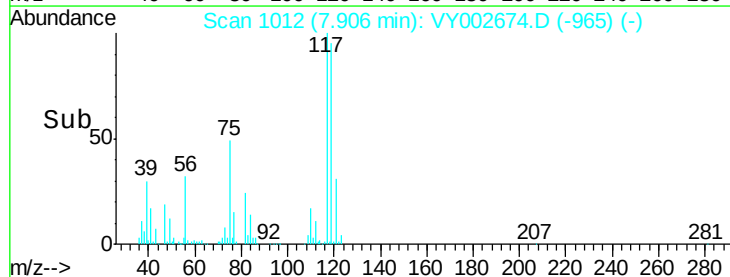
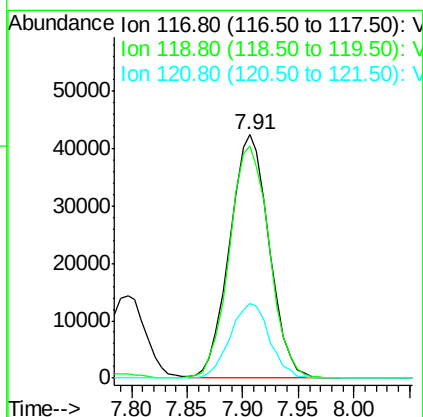
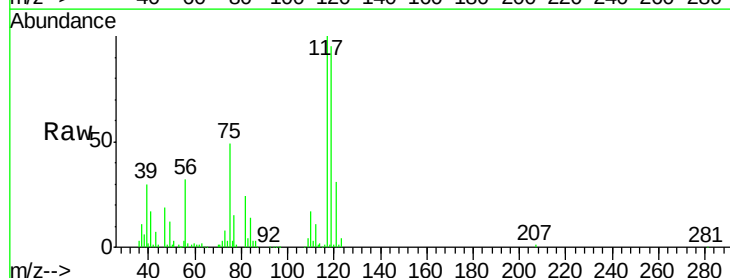
Instrument :
MSVOA_Y
ClientSampled :

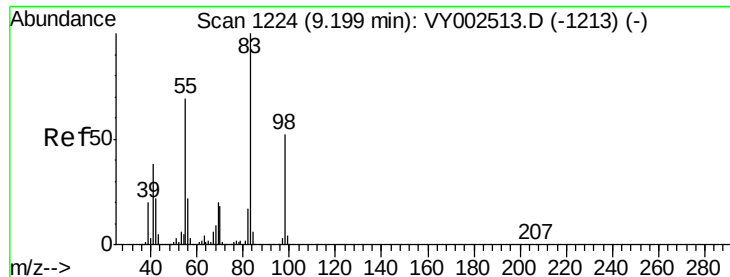
Tot Ion: 43 Resp: 46588
Ion Ratio Lower Upper
43 100
61 15.0 11.6 17.4
70 11.6 9.0 13.6



#38
Carbon Tetrachloride
Concen: 20.462 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Tgt Ion: 117 Resp: 104530
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7
121 30.8 25.2 37.8

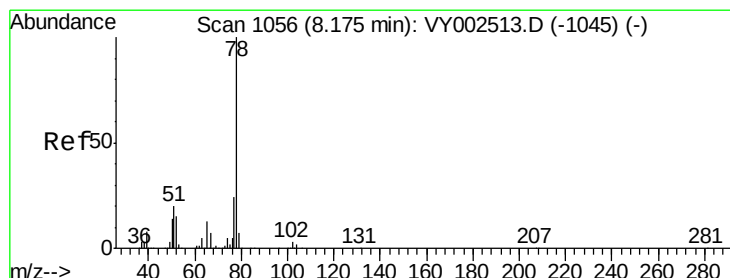
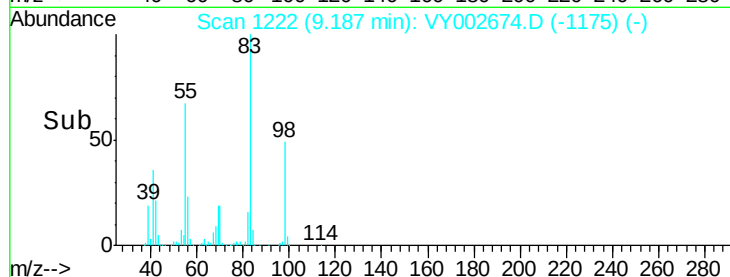
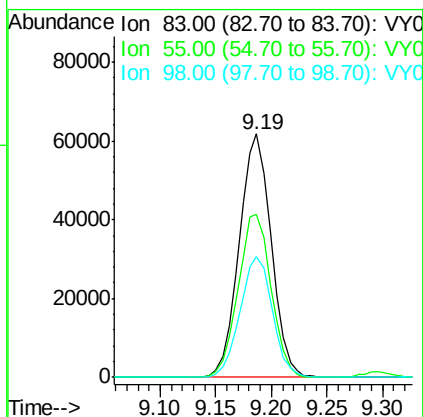
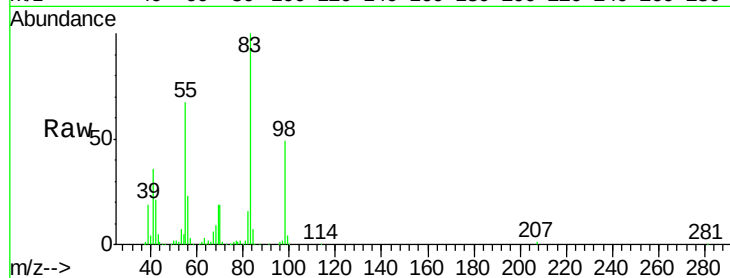




#39
Methylvlcyclohexane
Concen: 19.932 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

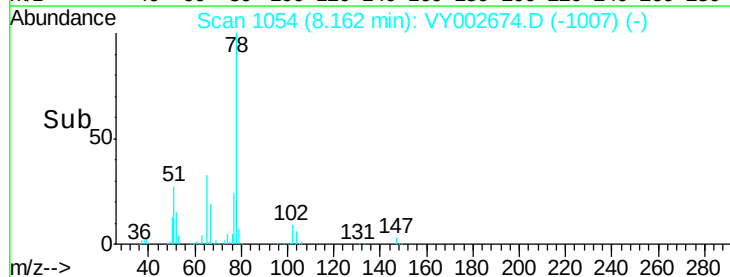
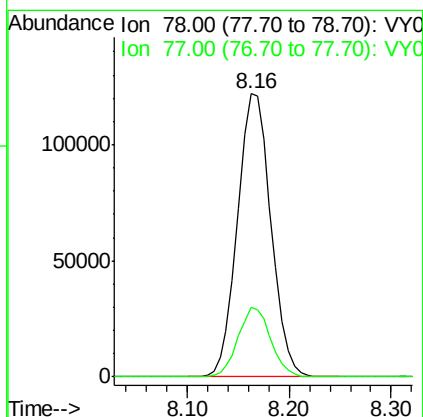
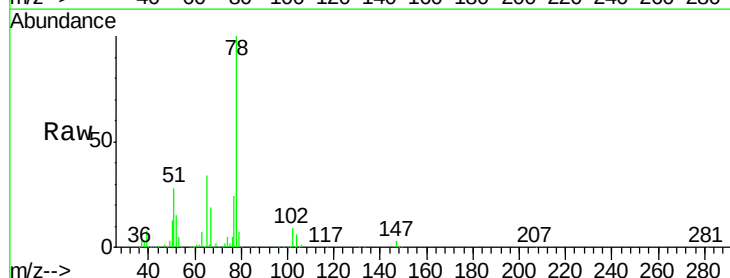
Instrument :
MSVOA_Y
ClientSampleId :

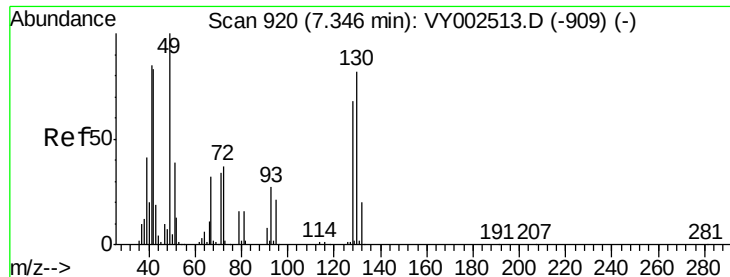
Tot Ion: 83 Resp: 123183
Ion Ratio Lower Upper
83 100
55 66.8 55.4 83.0
98 49.3 41.3 61.9



#40
Benzene
Concen: 20.557 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Tgt Ion: 78 Resp: 277807
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8

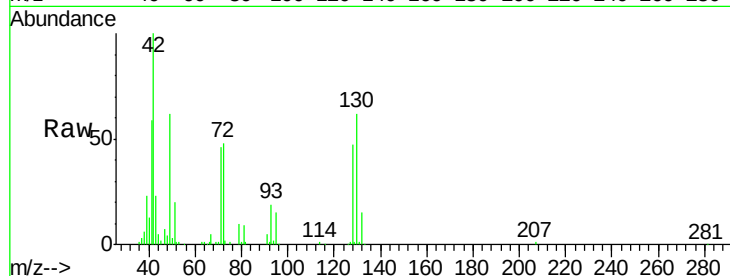




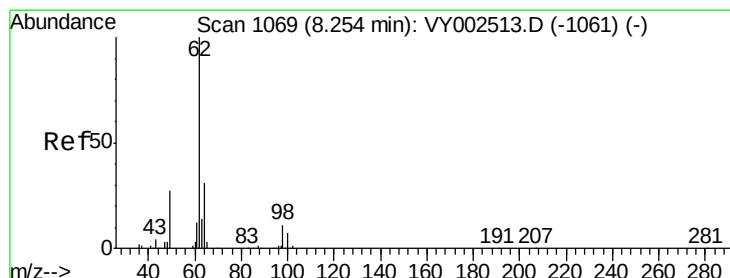
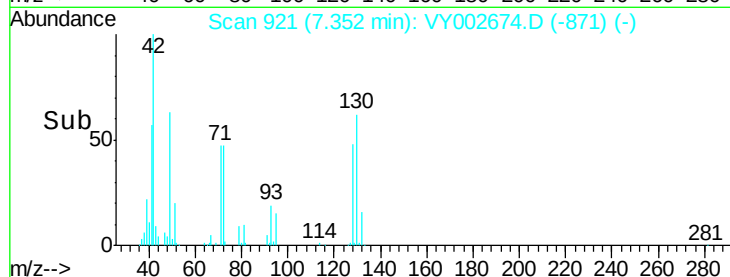
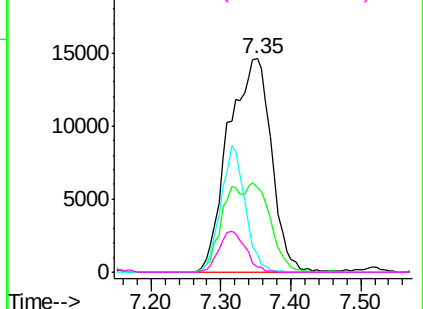
#41
Methacrylonitrile
Concen: 48.106 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	41	Resp:	62191
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

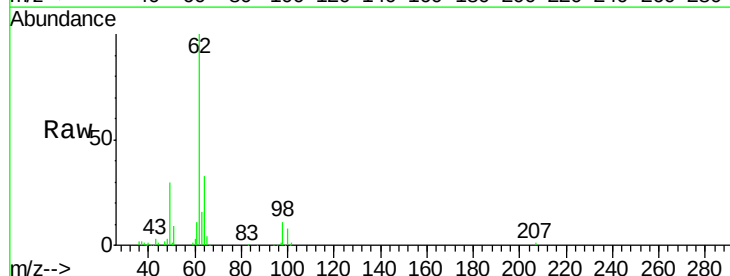


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

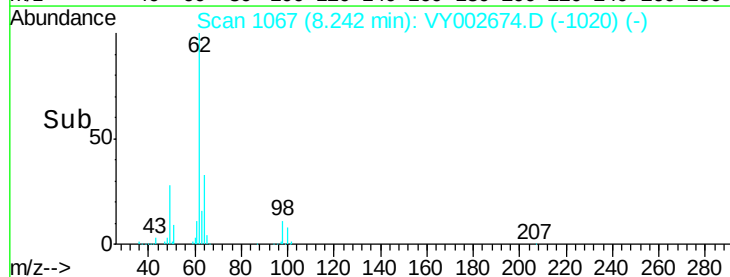
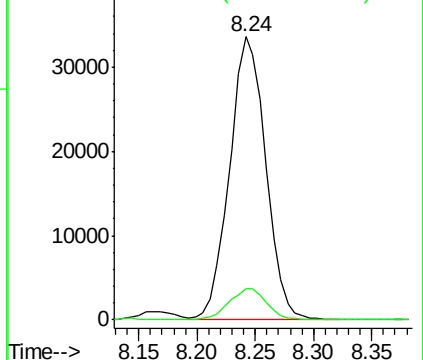


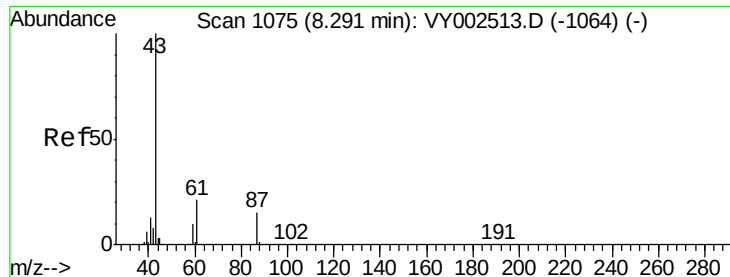
#42
1,2-Dichloroethane
Concen: 19.172 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Tgt Ion:	62	Resp:	72676
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 19.256 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

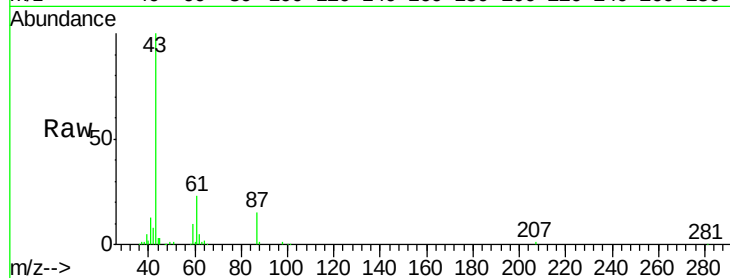
Tot Ion: 43 Resp: 86798

Ion Ratio Lower Upper

43 100

61 31.1 24.8 37.2

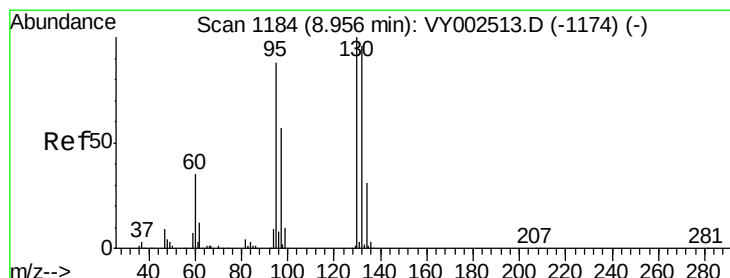
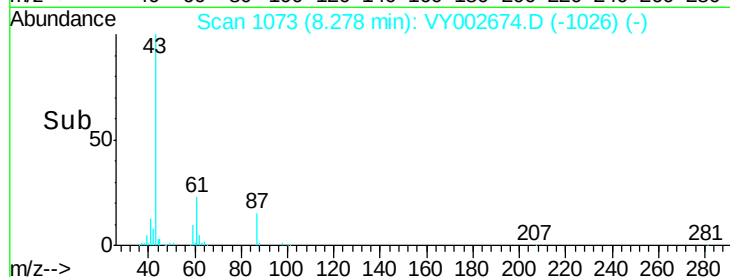
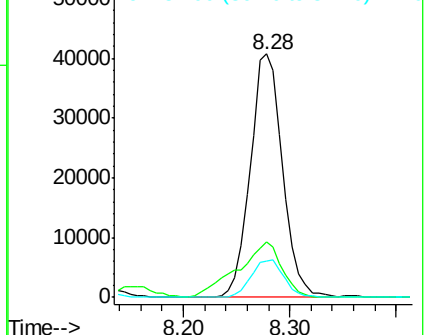
87 15.7 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY002513.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY002513.D (-1064) (-)



#44

Trichloroethene

Concen: 21.541 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY002674.D

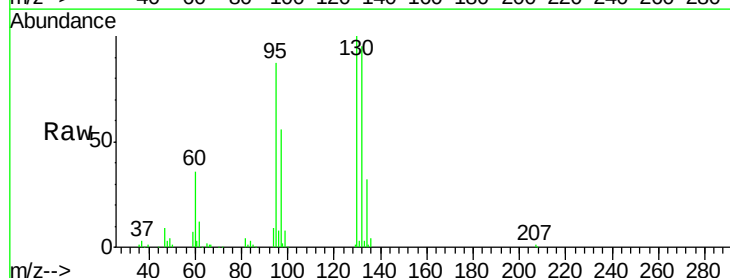
Acq: 13 May 2020 11:20

Tgt Ion: 130 Resp: 90977

Ion Ratio Lower Upper

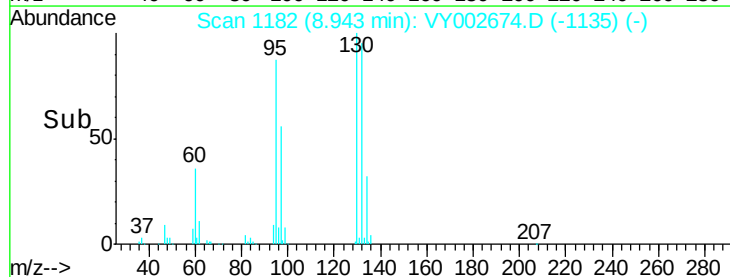
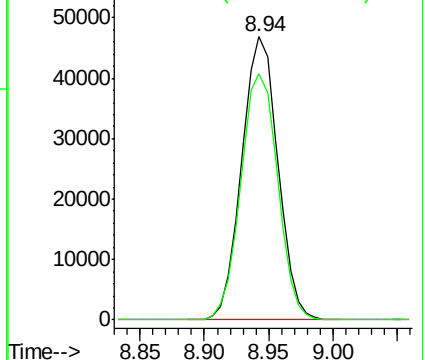
130 100

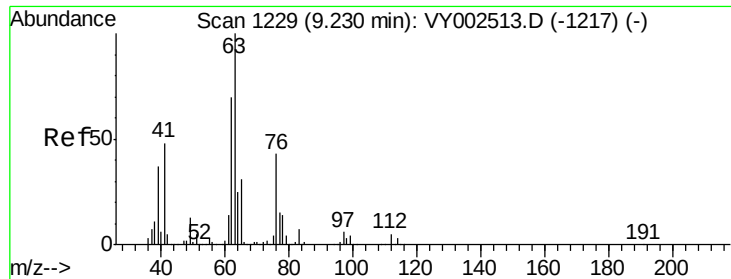
95 86.9 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002513.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY002513.D (-1174) (-)

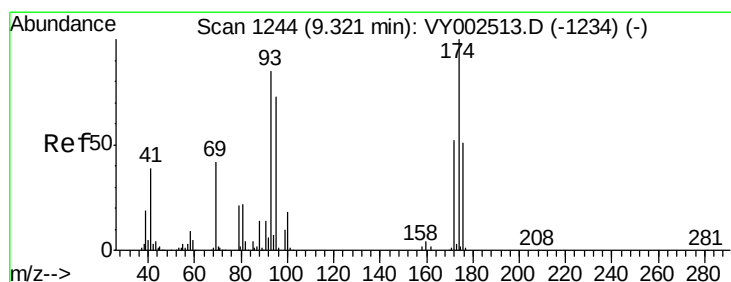
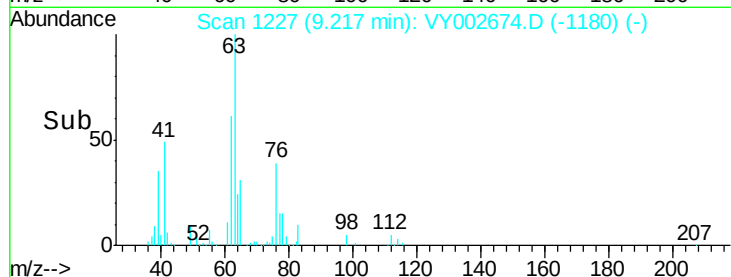
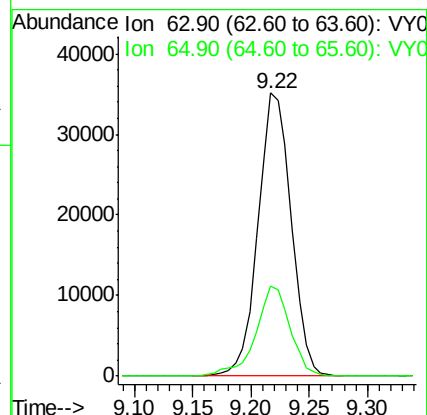
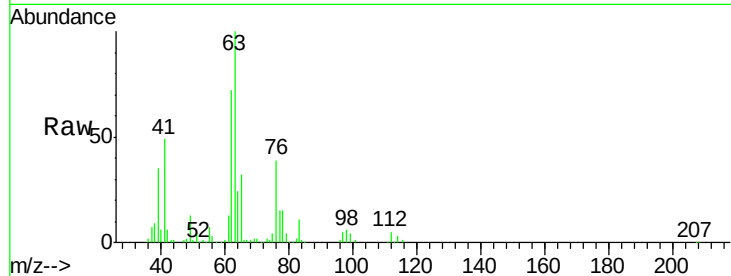




#45
 1,2-Dichloropropane
 Concen: 21.262 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

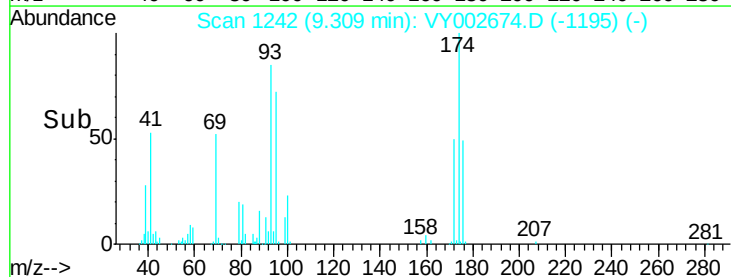
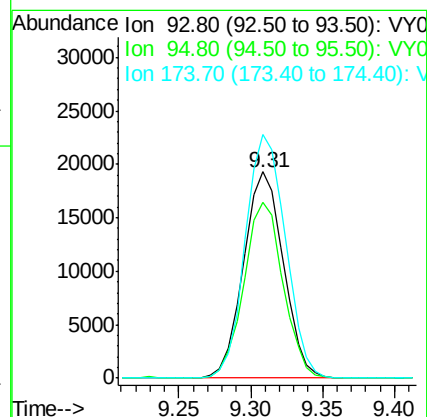
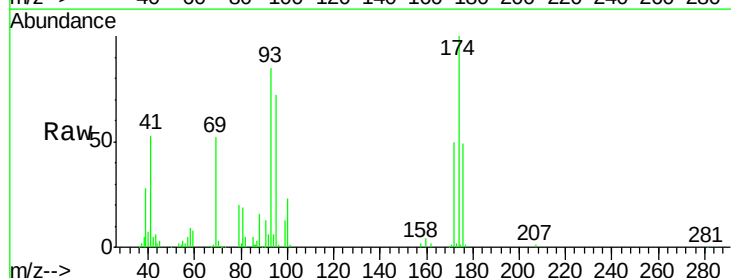
Instrument :
 MSVOA_Y
 ClientSampled :

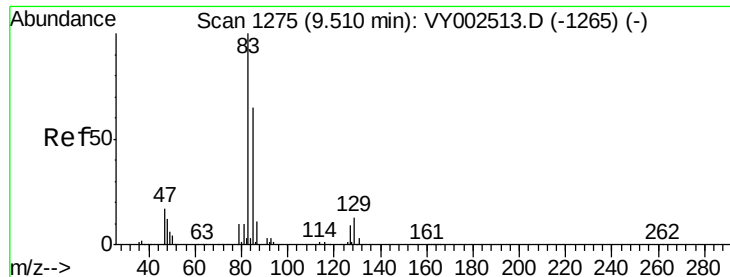
Tot Ion: 63 Resp: 69348
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.5 36.7



#46
 Dibromomethane
 Concen: 19.664 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

Tgt Ion: 93 Resp: 36901
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.0 100.4
 174 118.8 92.7 139.1





#47

Bromodichloromethane

Concen: 20.548 ug/l

RT: 9.50 min Scan# 1273

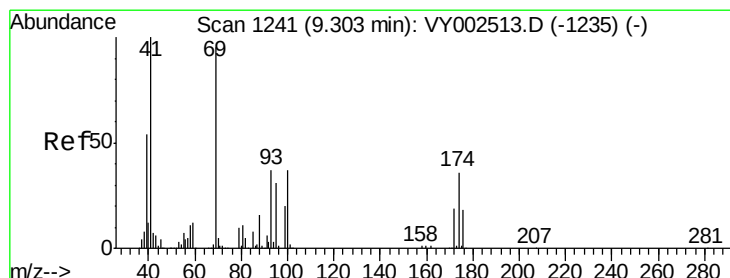
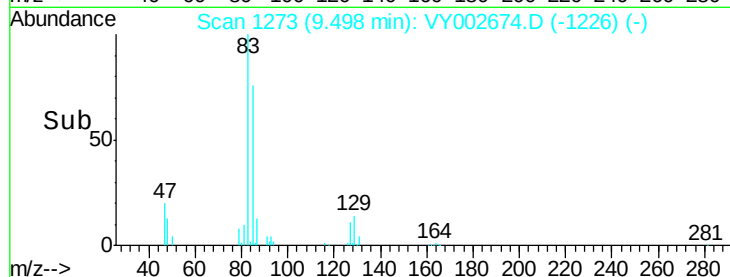
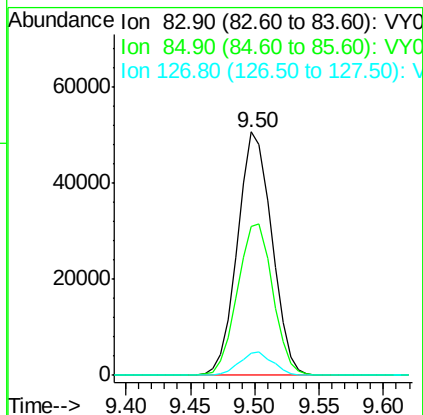
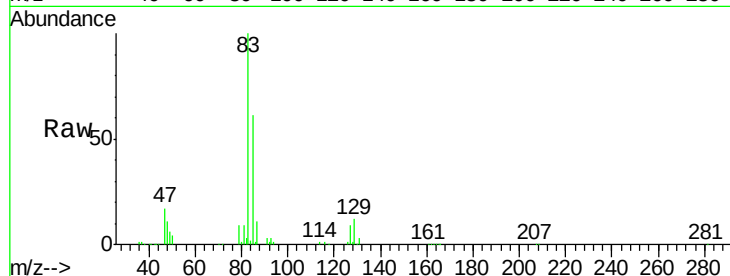
Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	83	Resp:	93760
Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.8	77.8
127	8.9	7.4	11.0



#48

Methyl methacrylate

Concen: 19.398 ug/l

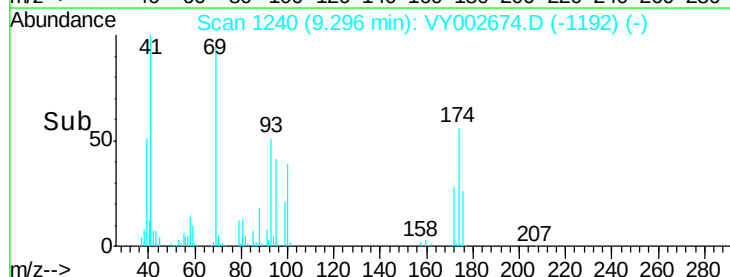
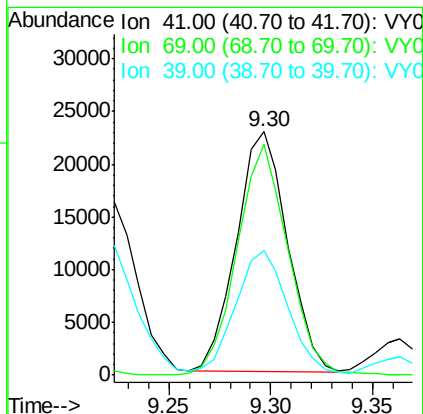
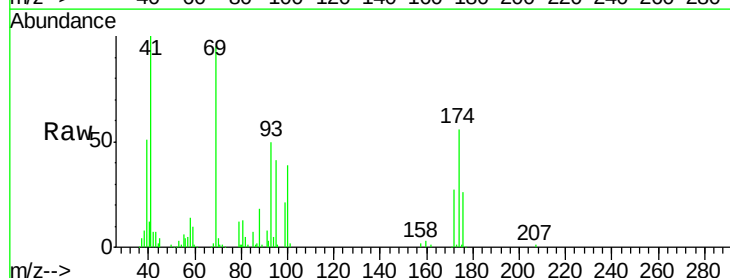
RT: 9.30 min Scan# 1240

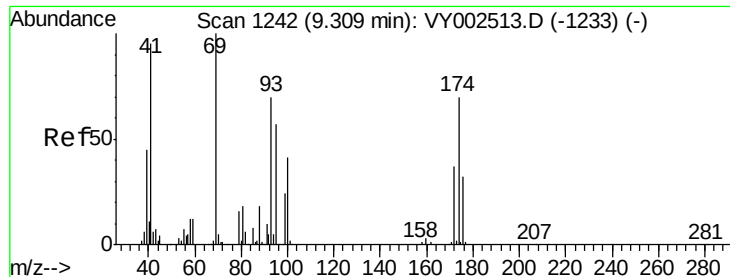
Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Tgt Ion:	41	Resp:	39572
Ion	Ratio	Lower	Upper
41	100		
69	95.9	76.2	114.4
39	54.0	42.7	64.1

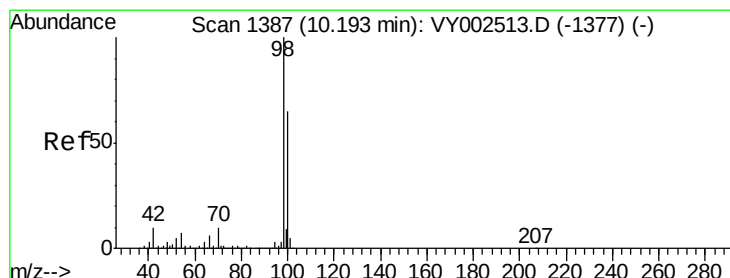
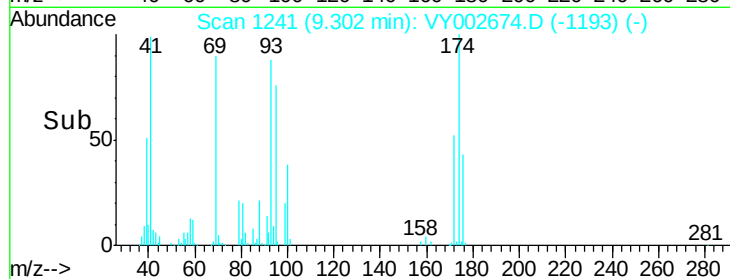
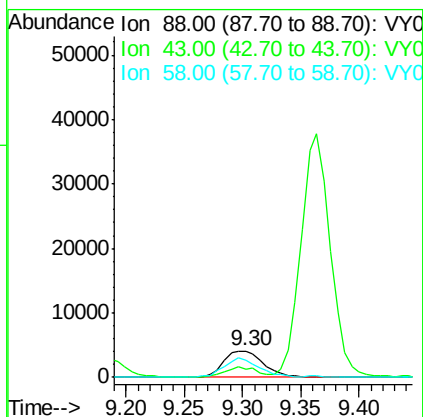
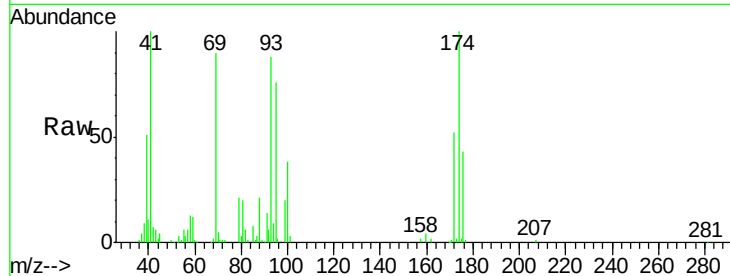




#49
1,4-Dioxane
Concen: 398.327 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

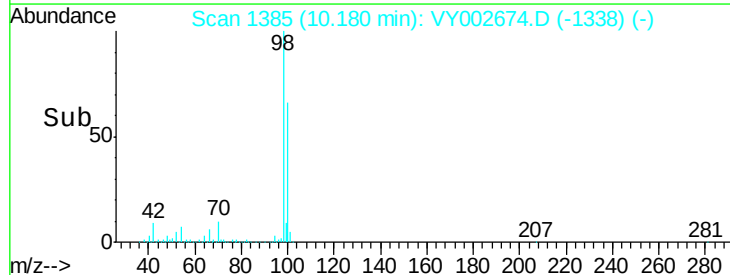
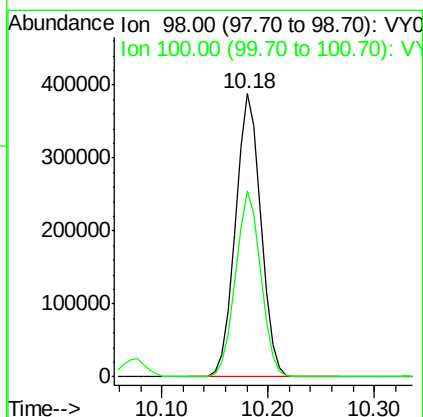
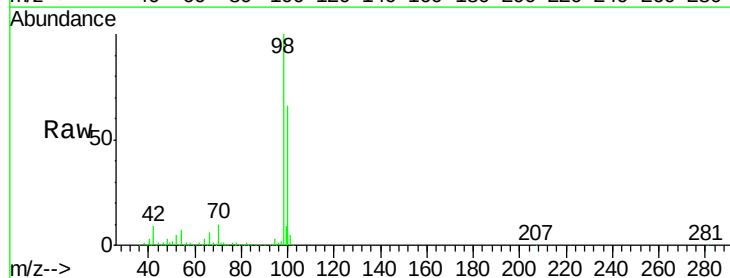
Instrument :
MSVOA_Y
ClientSampleId :

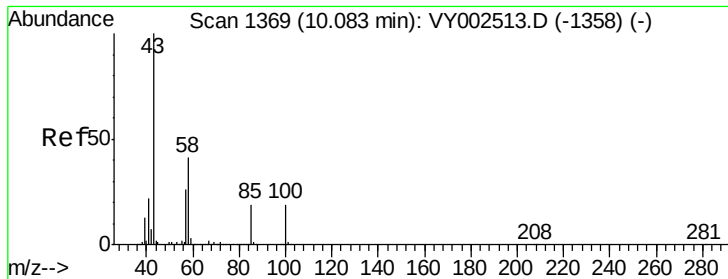
Tot Ion: 88 Resp: 9897
Ion Ratio Lower Upper
88 100
43 32.7 22.8 34.2
58 64.3 51.4 77.2



#50
Toluene-d8
Concen: 52.346 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Tgt Ion: 98 Resp: 652520
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 97.415 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

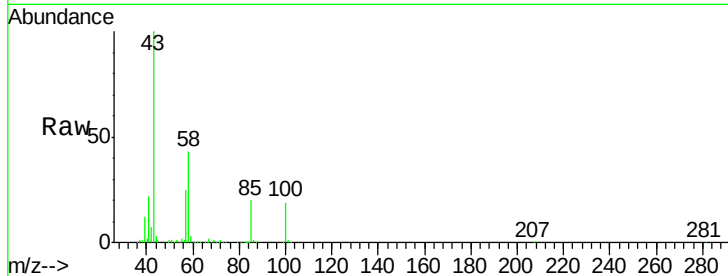
ClientSampled :

Tot Ion: 43 Resp: 226335

Ion Ratio Lower Upper

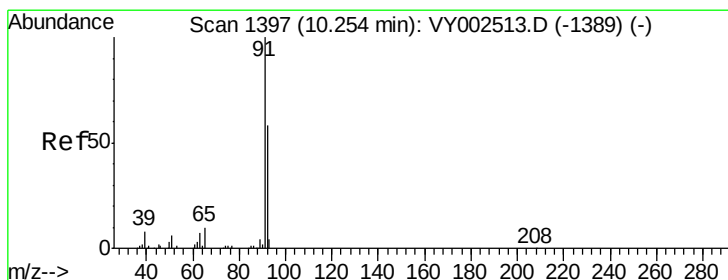
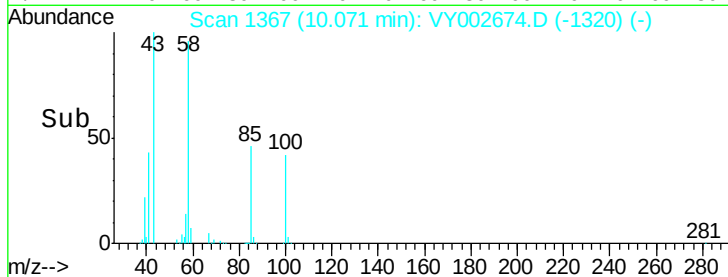
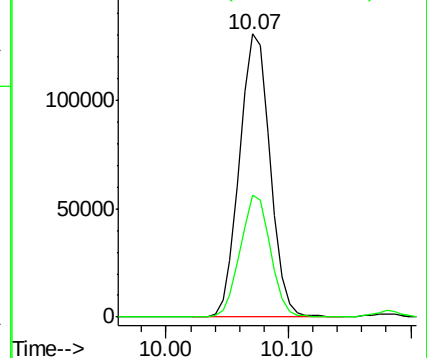
43 100

58 42.6 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.954 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002674.D

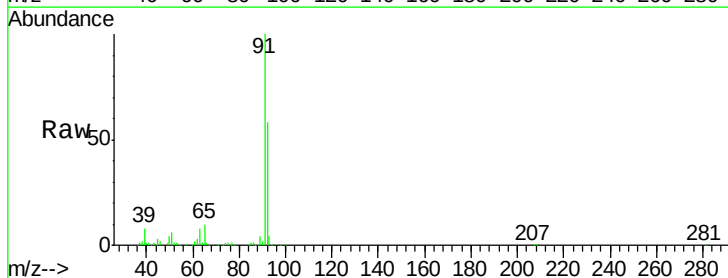
Acq: 13 May 2020 11:20

Tgt Ion: 92 Resp: 181990

Ion Ratio Lower Upper

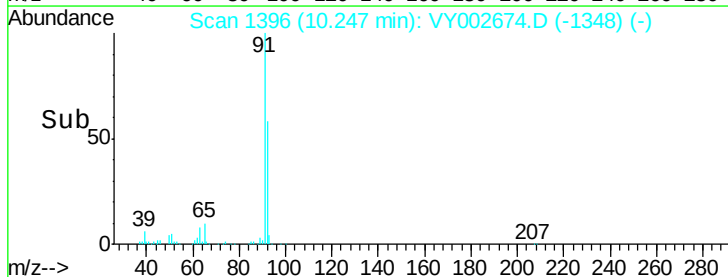
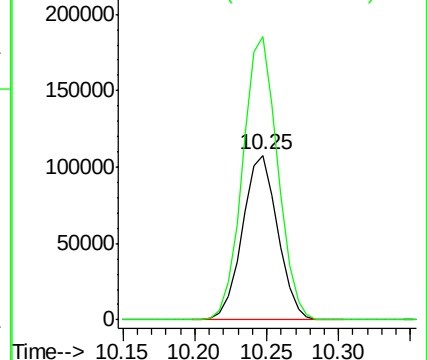
92 100

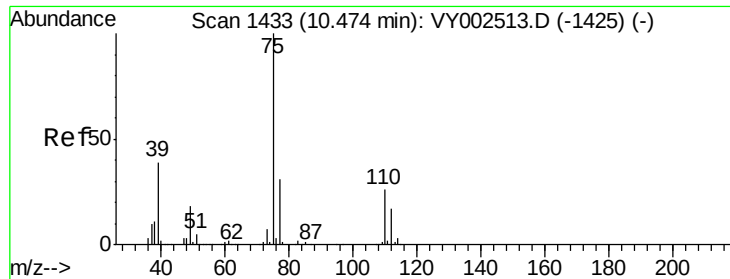
91 171.1 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 20.319 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

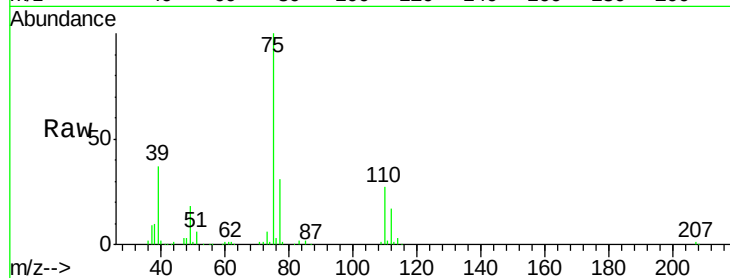
ClientSampleId :

Tot Ion: 75 Resp: 97140

Ion Ratio Lower Upper

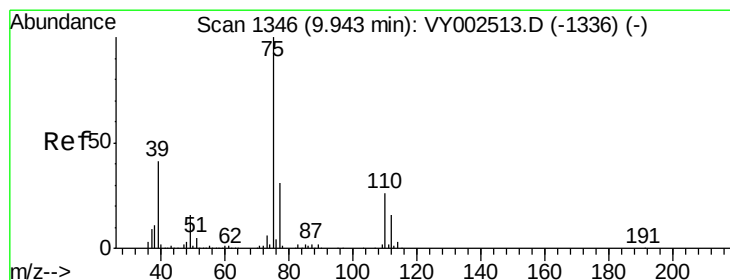
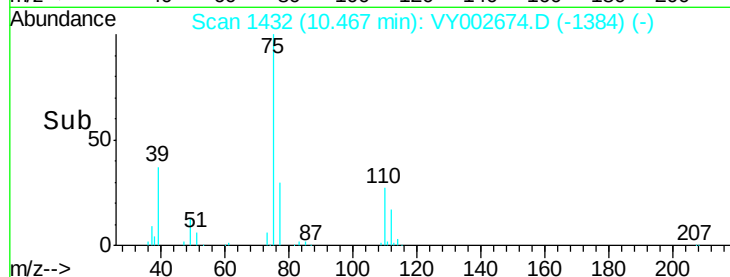
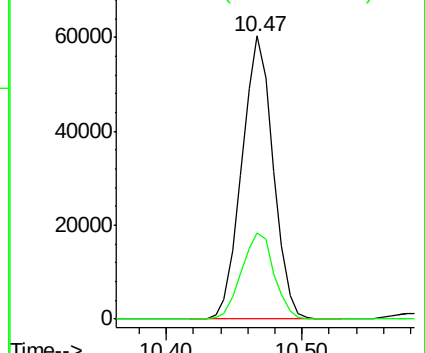
75 100

77 30.5 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.469 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

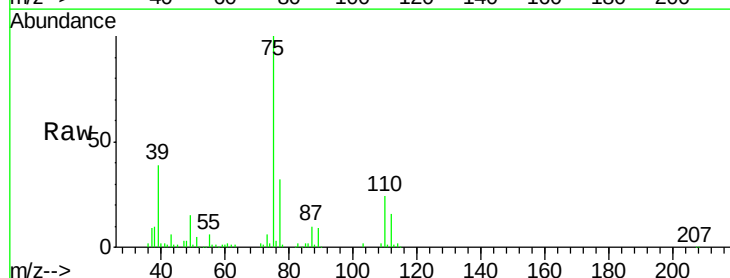
Tgt Ion: 75 Resp: 113131

Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7

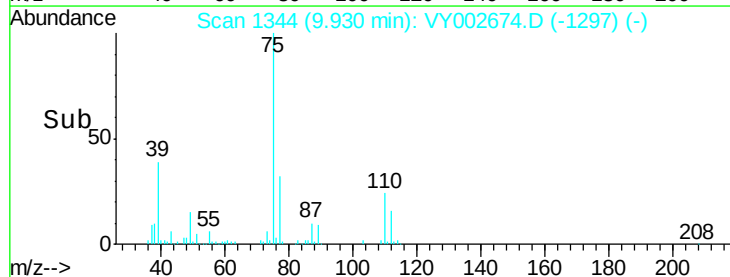
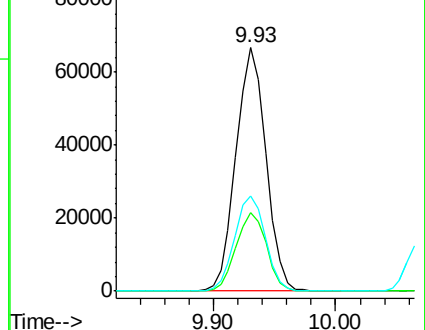
39 39.2 32.7 49.1

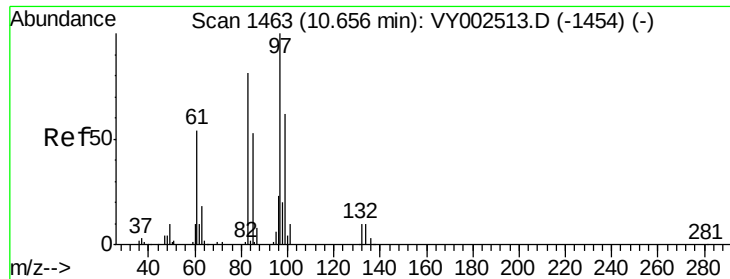


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

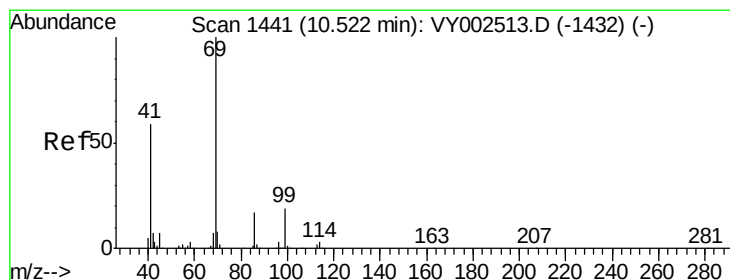
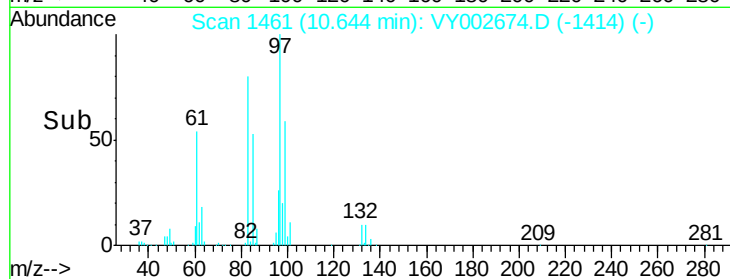
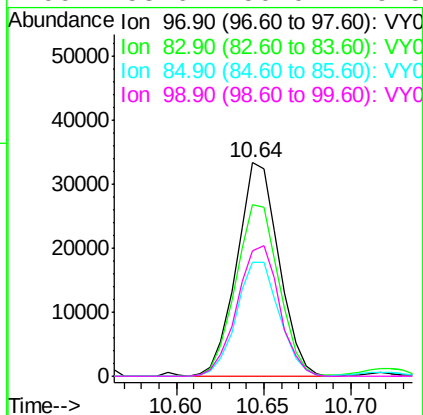
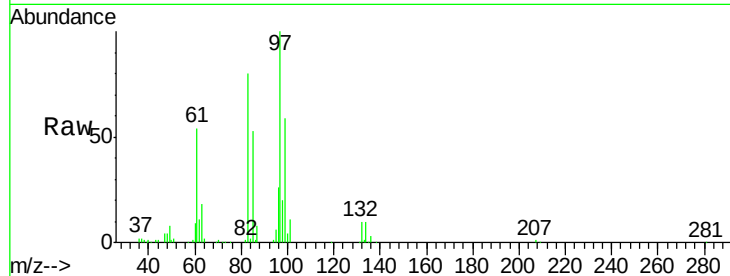




#55
 1,1,2-Trichloroethane
 Concen: 20.384 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

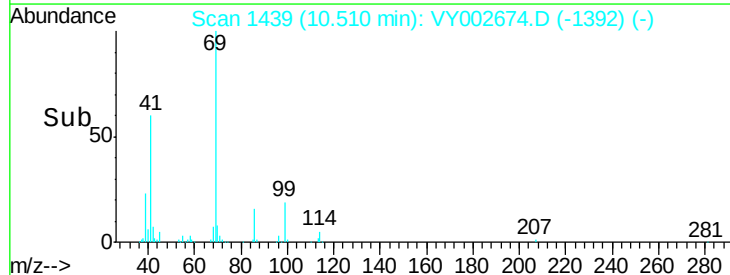
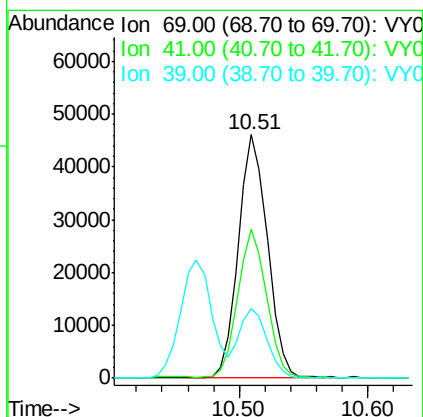
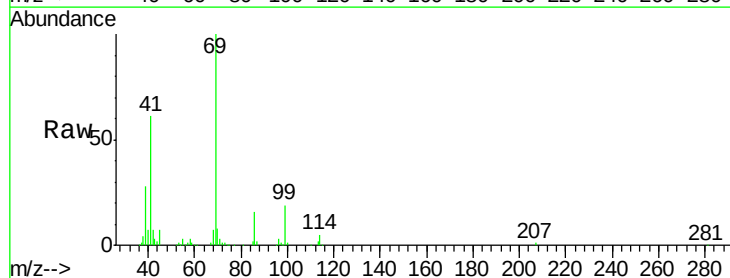
Instrument :
 MSVOA_Y
 ClientSampled :

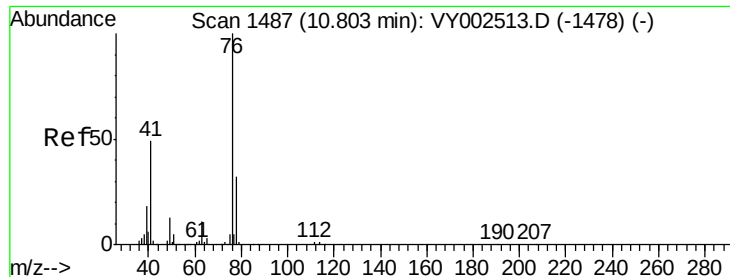
Tot Ion:	97	Resp:	55783
Ion	Ratio	Lower	Upper
97	100		
83	80.0	65.1	97.7
85	53.2	42.7	64.1
99	58.6	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 19.878 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

Tgt Ion:	69	Resp:	72364
Ion	Ratio	Lower	Upper
69	100		
41	60.0	48.6	73.0
39	27.2	25.0	37.4





#57

1,3-Dichloropropane

Concen: 20.400 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

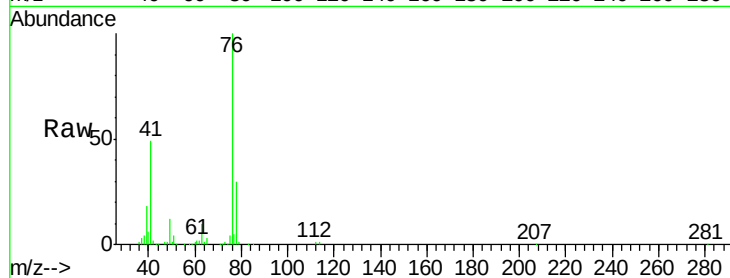
ClientSampleId :

Tot Ion: 76 Resp: 94672

Ion Ratio Lower Upper

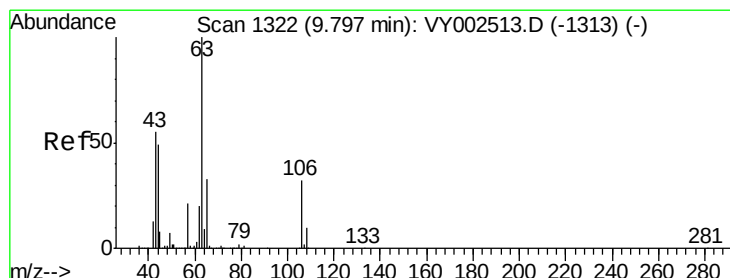
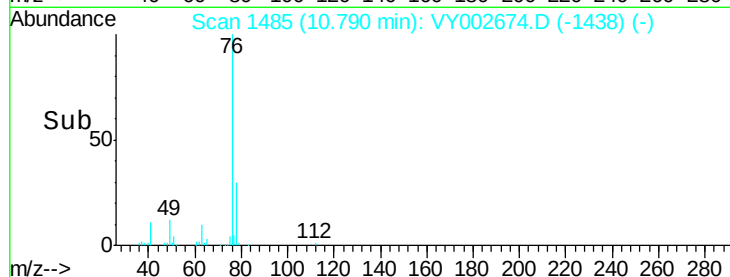
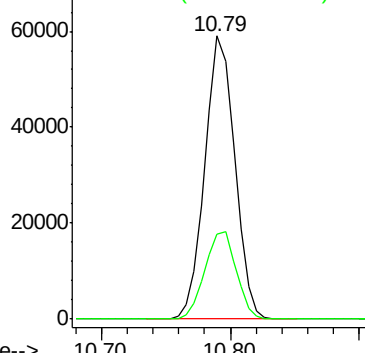
76 100

78 32.3 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: 106.234 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY002674.D

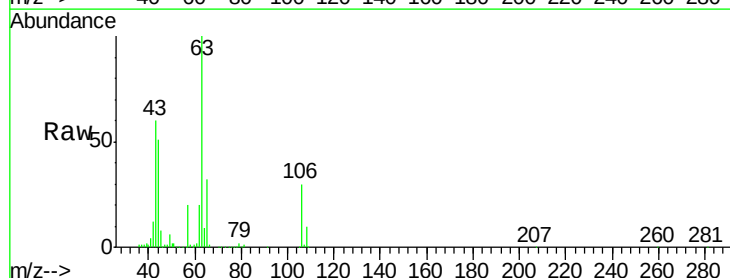
Acq: 13 May 2020 11:20

Tgt Ion: 63 Resp: 203950

Ion Ratio Lower Upper

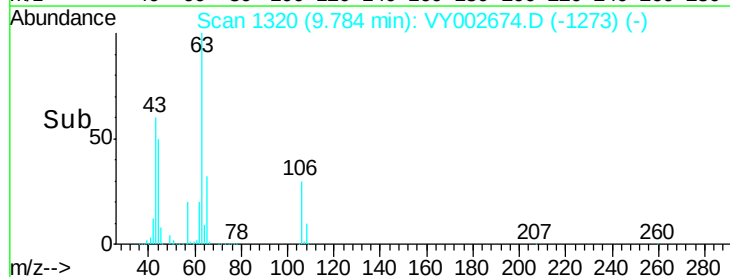
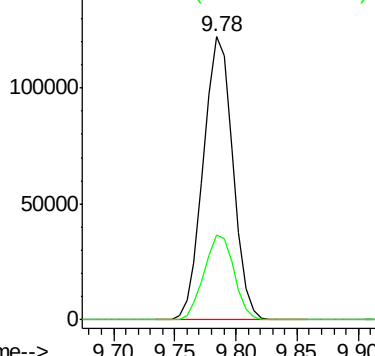
63 100

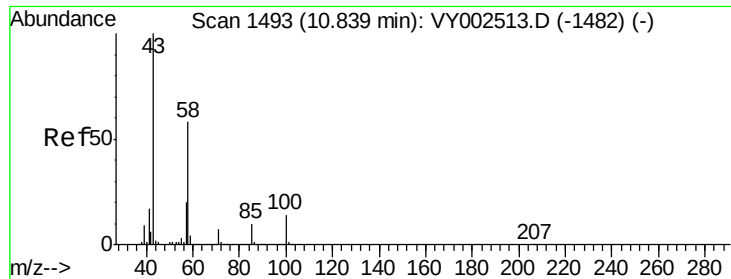
106 30.5 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

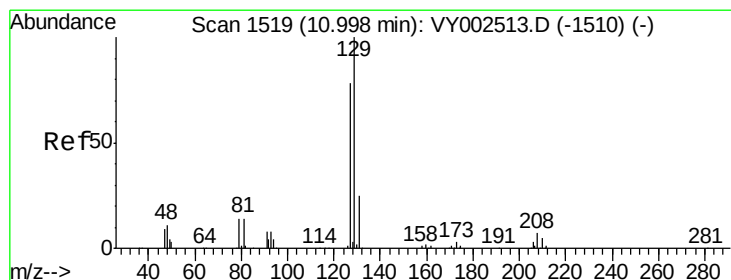
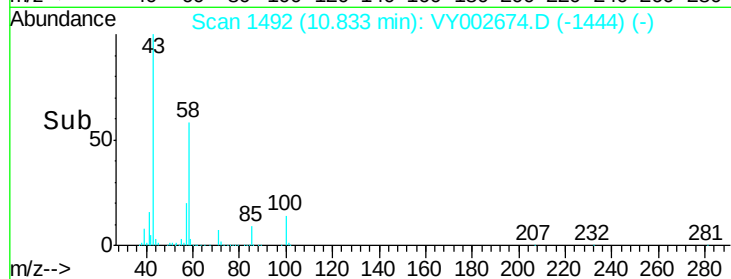
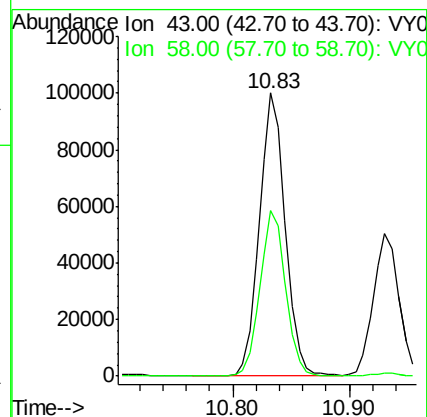
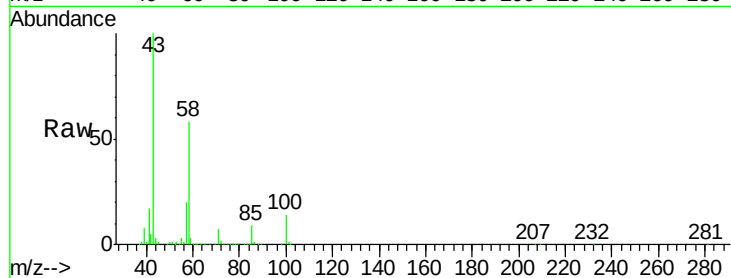




#59
2-Hexanone
Concen: 96.513 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

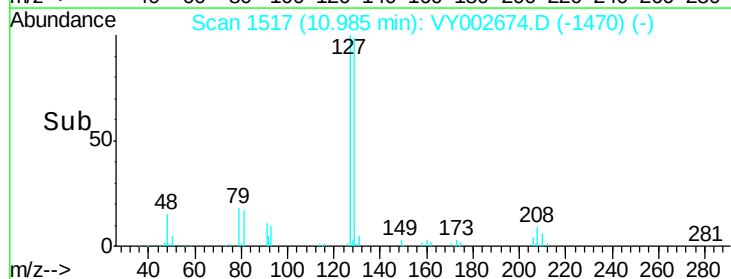
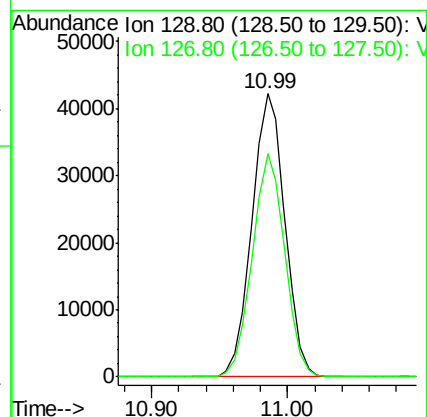
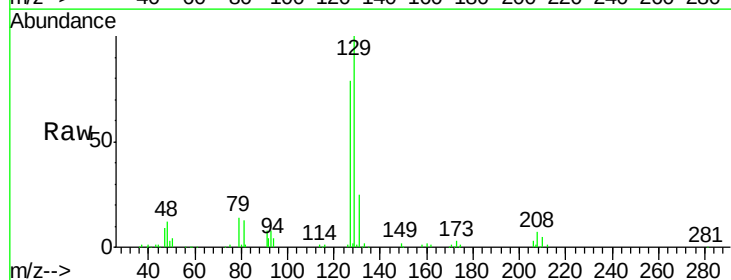
Instrument :
MSVOA_Y
ClientSampleId :

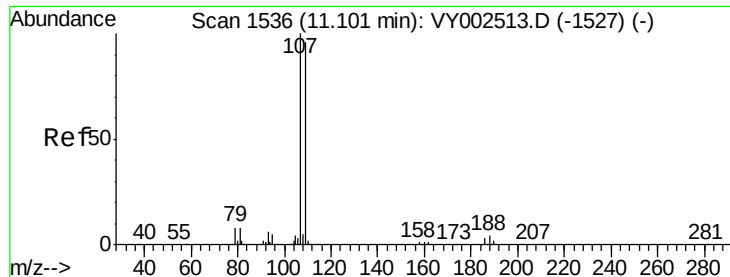
Tot Ion: 43 Resp: 154338
Ion Ratio Lower Upper
43 100
58 58.0 29.1 87.3



#60
Dibromochloromethane
Concen: 20.612 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Tgt Ion: 129 Resp: 71742
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

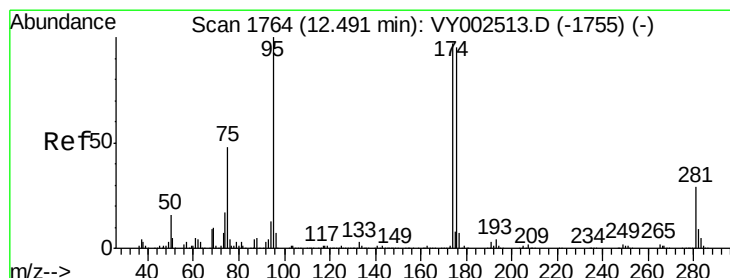
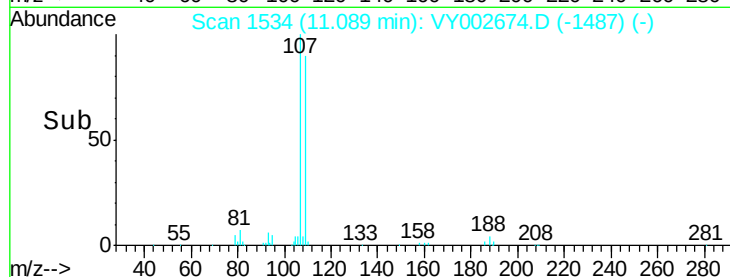
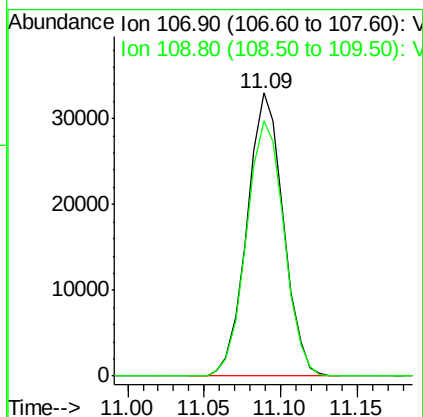
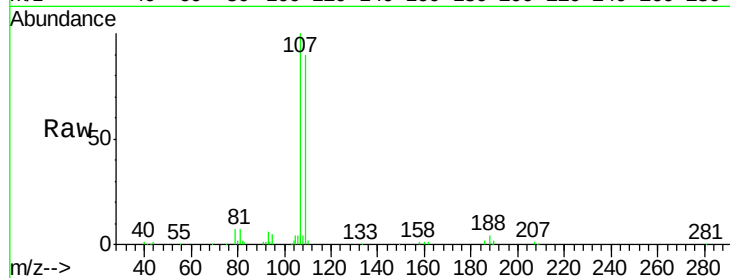




#61
 1,2-Dibromoethane
 Concen: 20.081 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

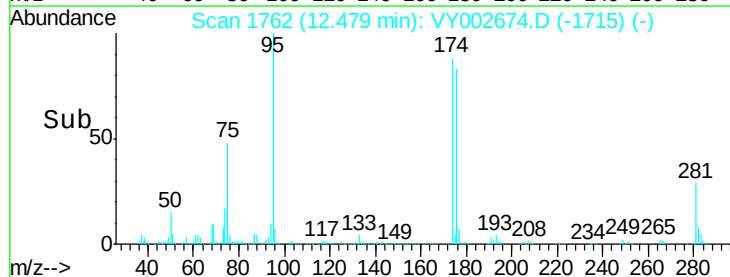
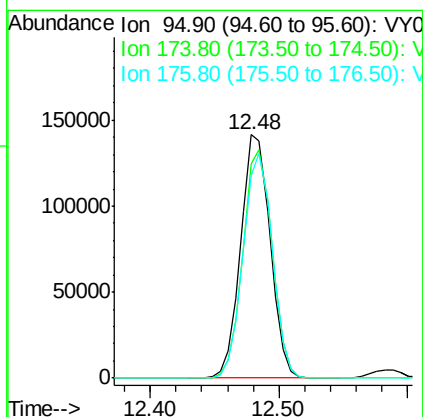
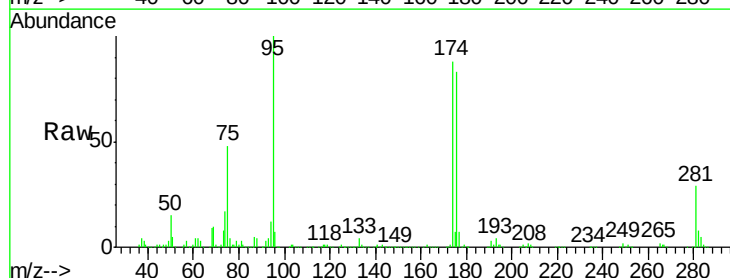
Instrument :
 MSVOA_Y
 ClientSampleId :

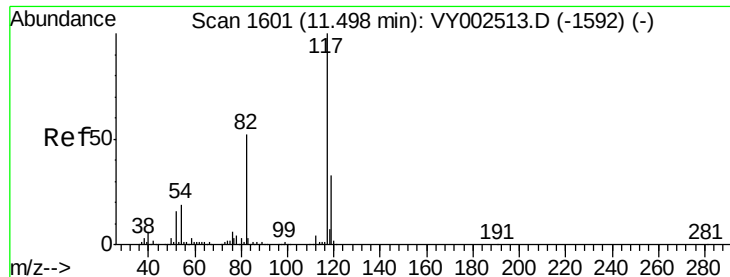
Tot Ion:107 Resp: 54412
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 52.694 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

Tgt Ion: 95 Resp: 222890
 Ion Ratio Lower Upper
 95 100
 174 93.1 0.0 188.8
 176 91.4 0.0 183.2

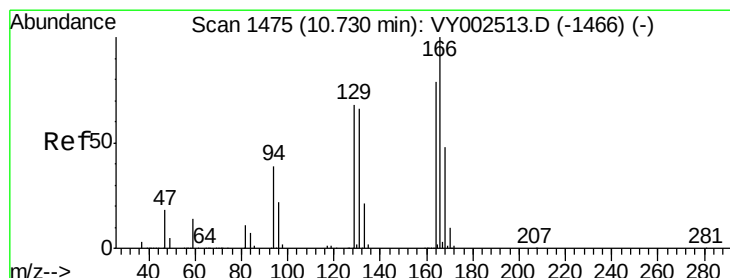
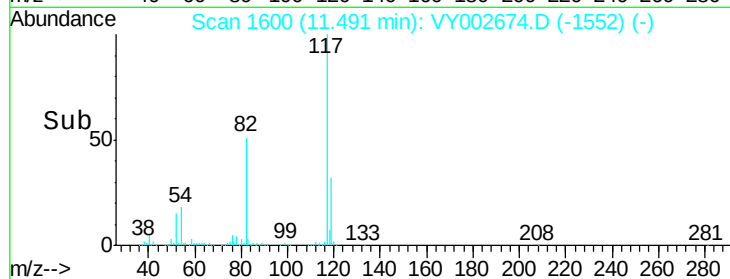
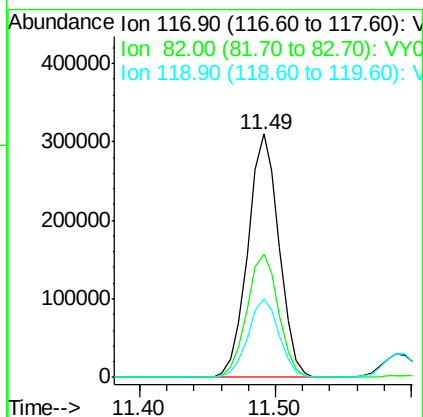
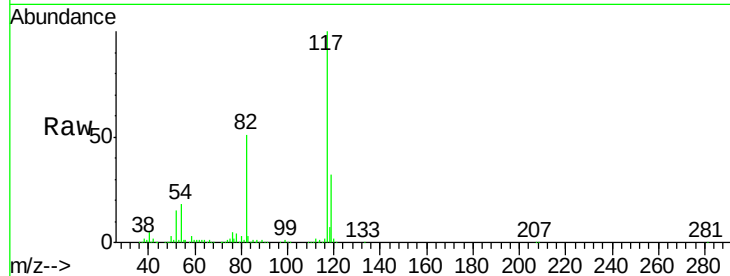




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

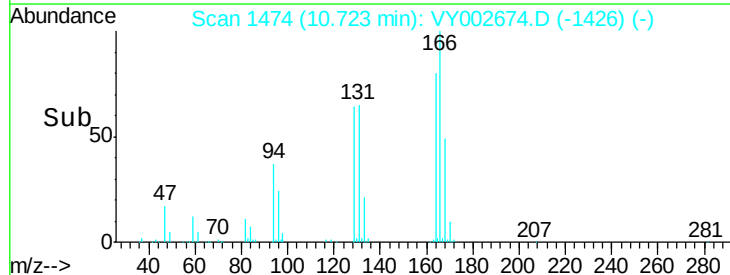
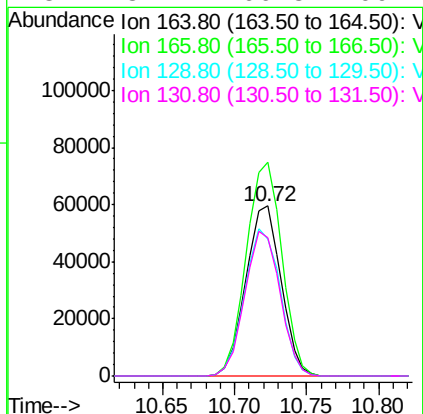
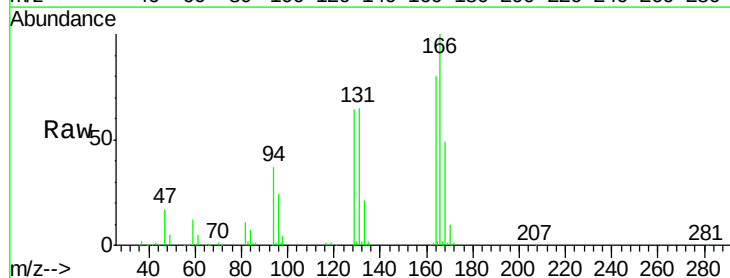
Instrument :
MSVOA_Y
ClientSampled :

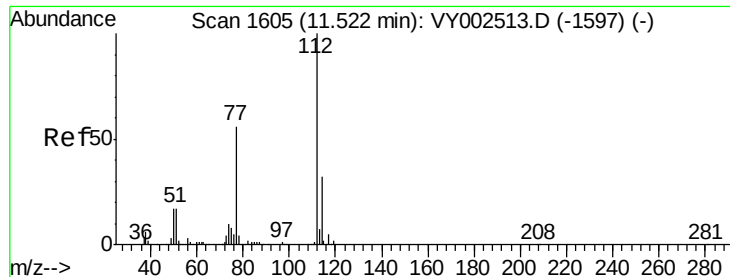
Tot Ion:117 Resp: 496669
Ion Ratio Lower Upper
117 100
82 50.8 41.3 61.9
119 32.1 26.0 39.0



#64
Tetrachloroethene
Concen: 22.829 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Tgt Ion:164 Resp: 100743
Ion Ratio Lower Upper
164 100
166 125.6 100.7 151.1
129 80.4 68.3 102.5
131 81.4 66.8 100.2

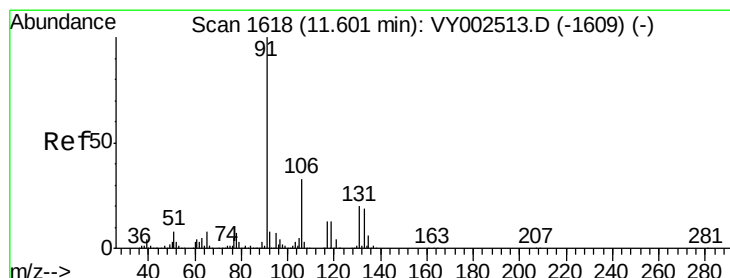
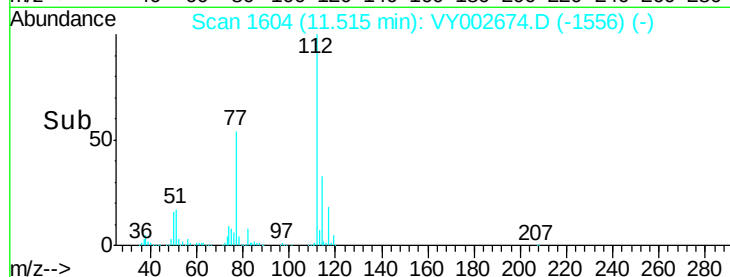
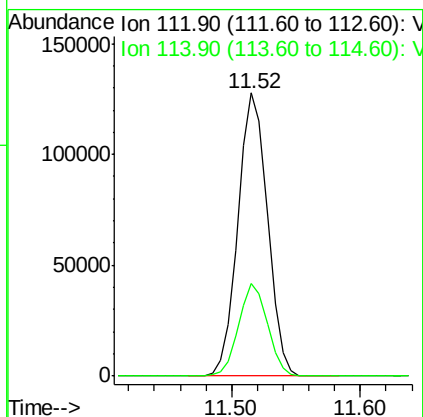
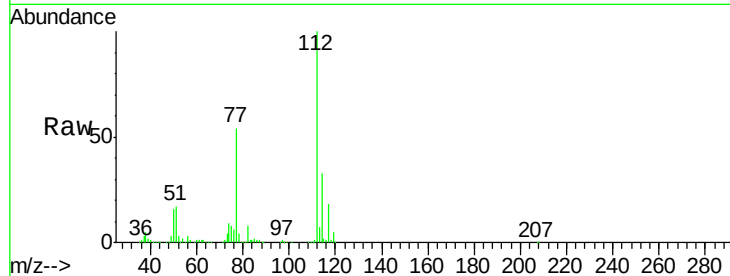




#65
Chlorobenzene
Concen: 21.479 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

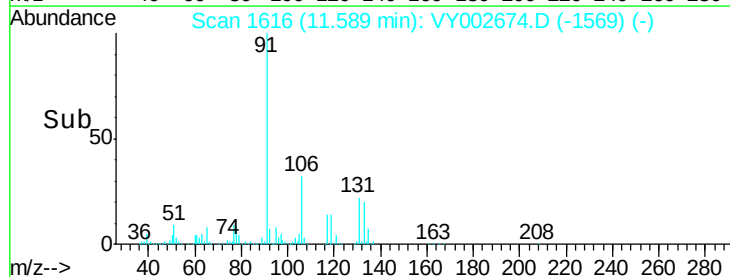
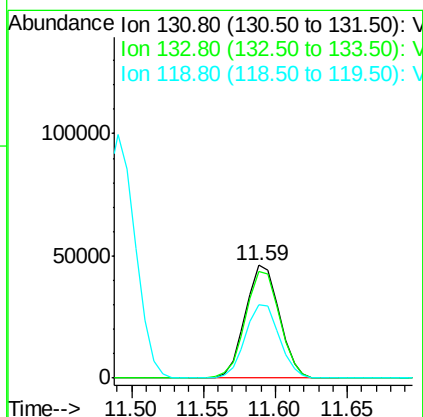
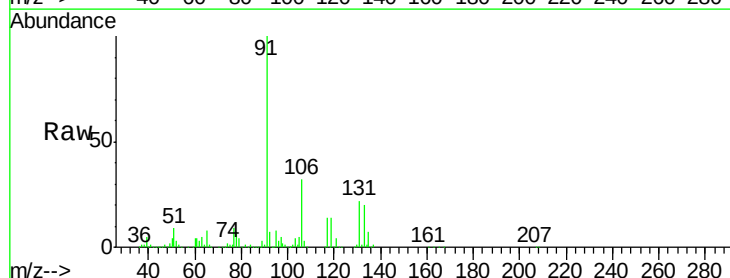
Instrument :
MSVOA_Y
ClientSampleId :

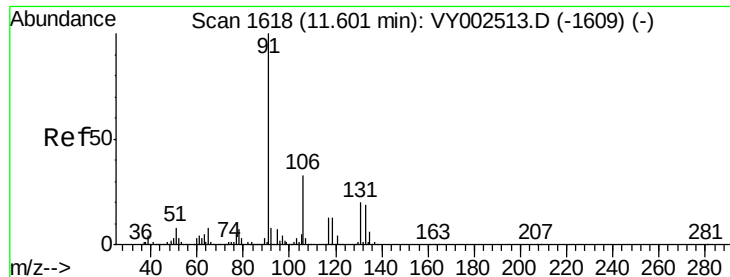
Tot Ion:112 Resp: 202793
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.679 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Tgt Ion:131 Resp: 75981
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.4
119 65.0 31.6 95.0





#67

Ethyl Benzene

Concen: 21.589 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

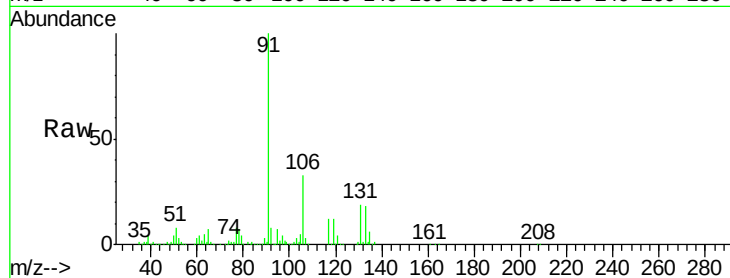
ClientSampleId :

Tot Ion: 91 Resp: 358049

Ion Ratio Lower Upper

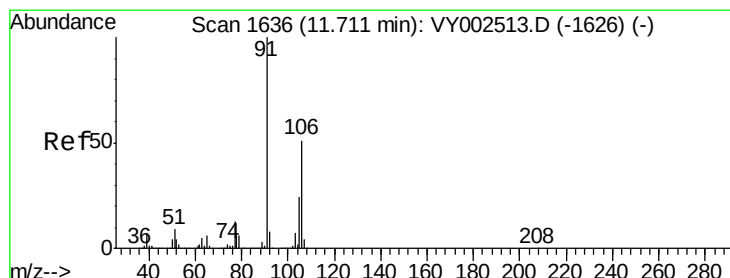
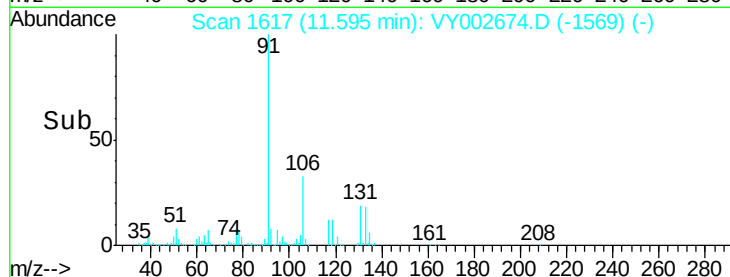
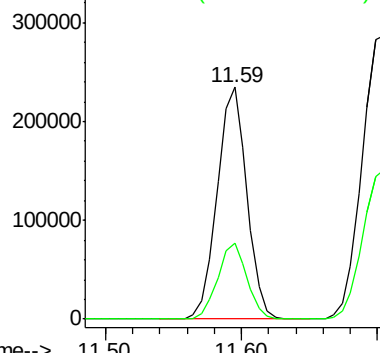
91 100

106 32.5 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 43.195 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002674.D

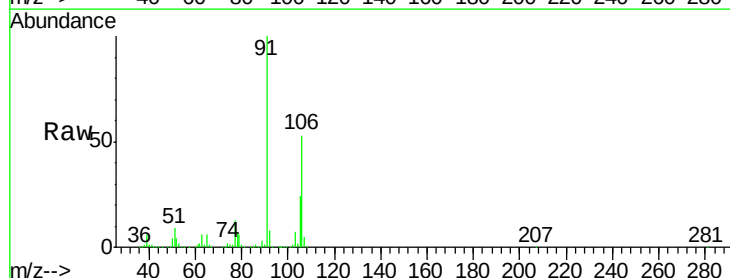
Acq: 13 May 2020 11:20

Tgt Ion:106 Resp: 277186

Ion Ratio Lower Upper

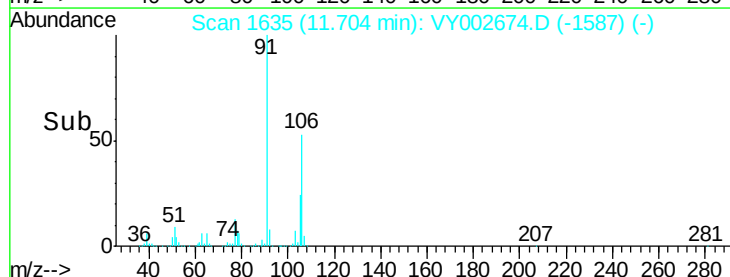
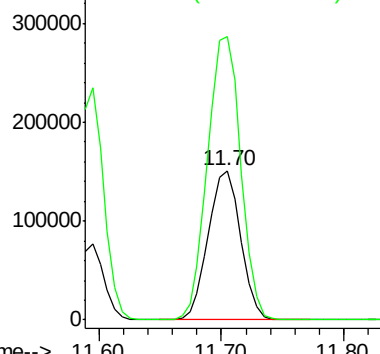
106 100

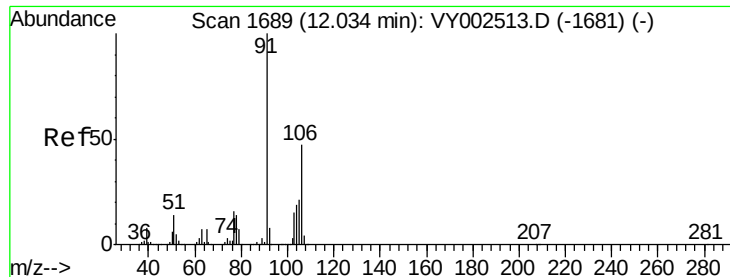
91 194.5 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

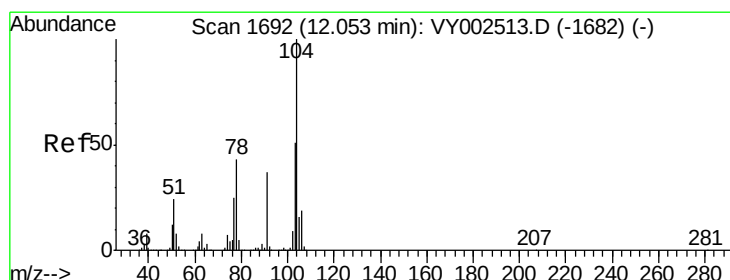
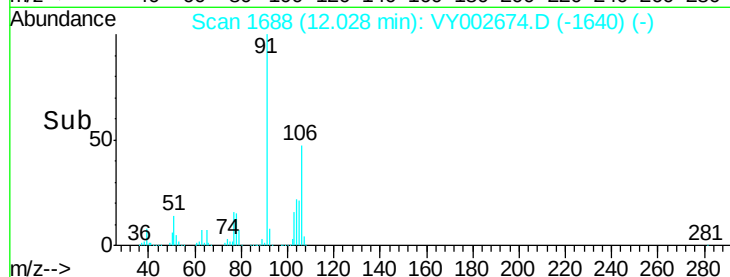
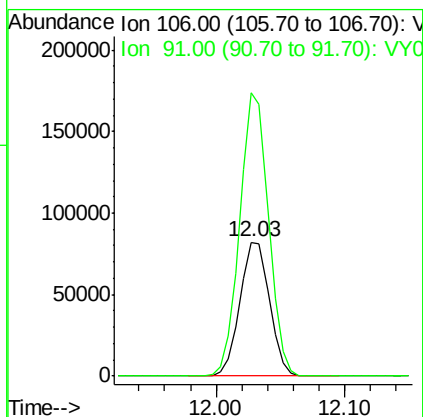
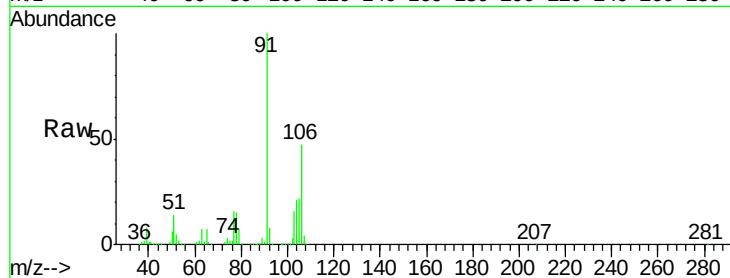




#69
o-Xylene
Concen: 21.704 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

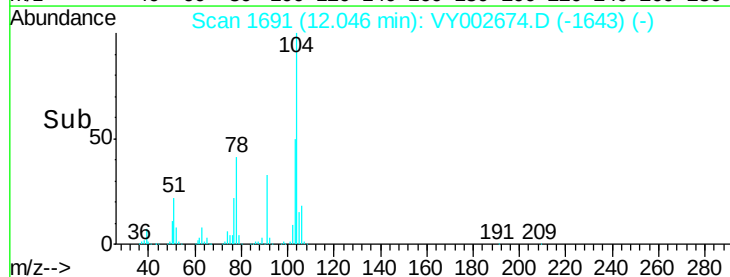
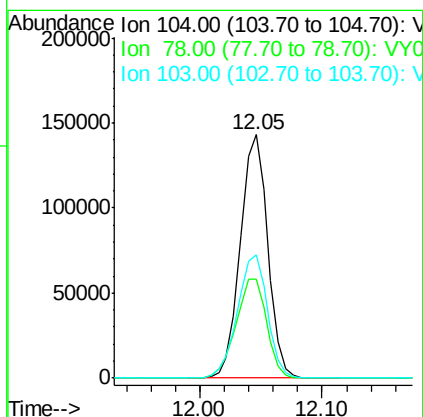
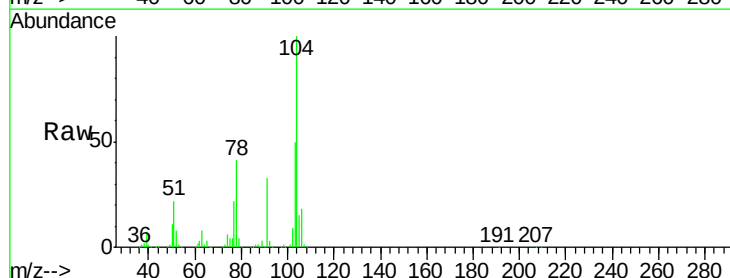
Instrument :
MSVOA_Y
ClientSampleId :

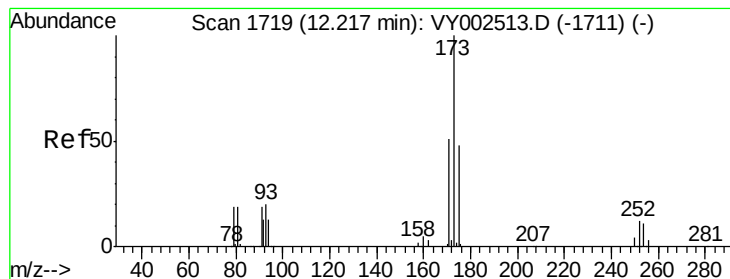
Tot Ion:106 Resp: 130408
Ion Ratio Lower Upper
106 100
91 205.4 103.8 311.3



#70
Styrene
Concen: 21.600 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Tgt Ion:104 Resp: 221864
Ion Ratio Lower Upper
104 100
78 45.8 37.4 56.0
103 55.4 43.9 65.9





#71

Bromoform

Concen: 20.482 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

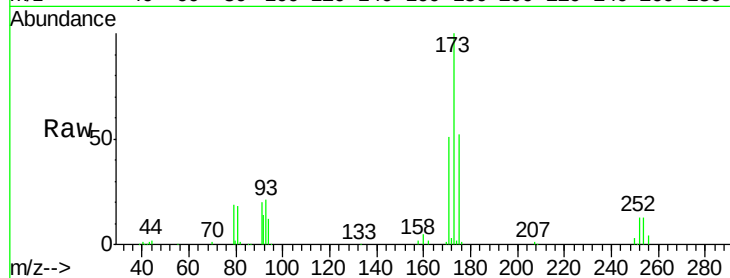
Tot Ion:173 Resp: 44555

Ion Ratio Lower Upper

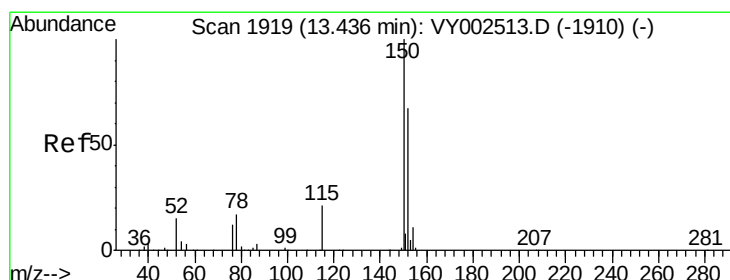
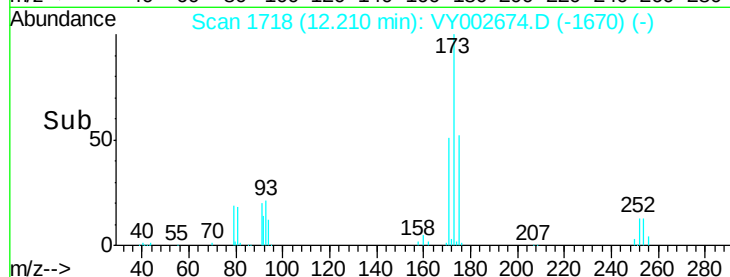
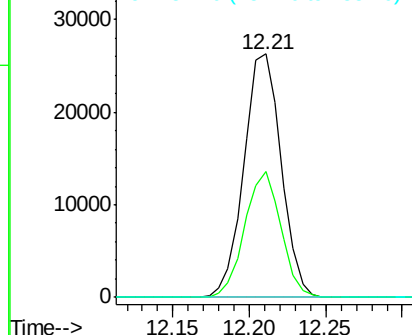
173 100

175 49.9 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: VY002674.D

Acq: 13 May 2020 11:20

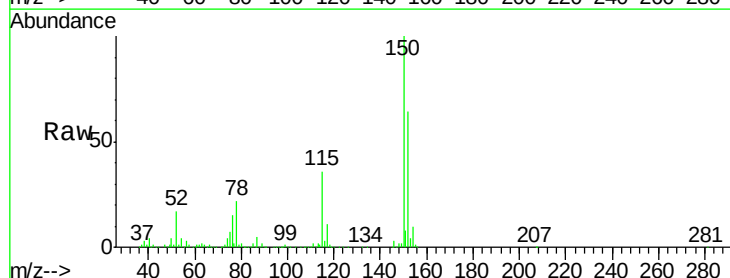
Tgt Ion:152 Resp: 260998

Ion Ratio Lower Upper

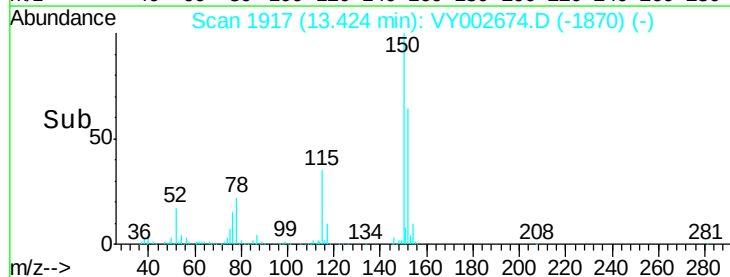
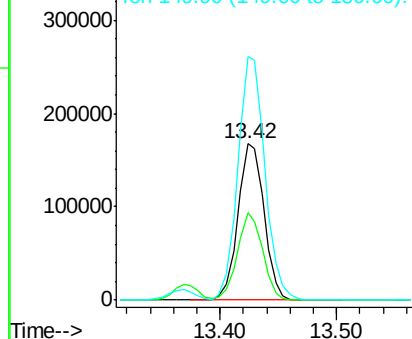
152 100

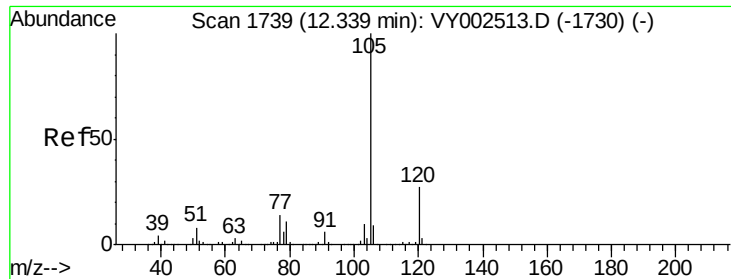
115 53.8 27.5 82.4

150 161.6 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: 21.428 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

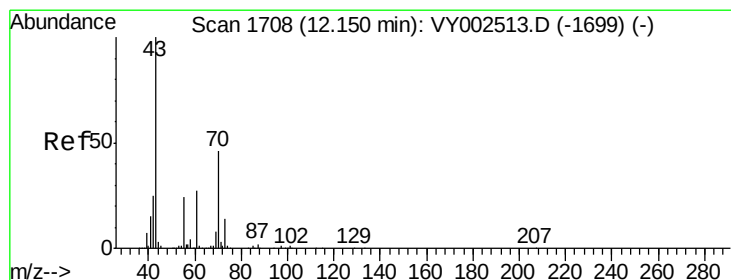
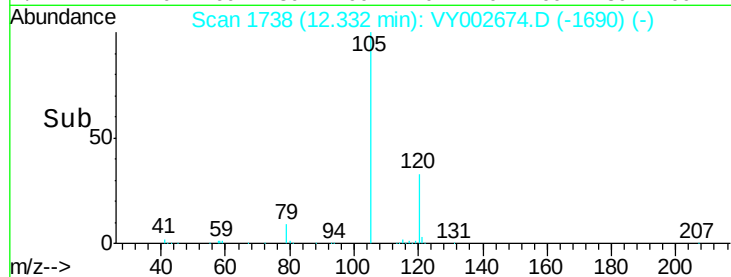
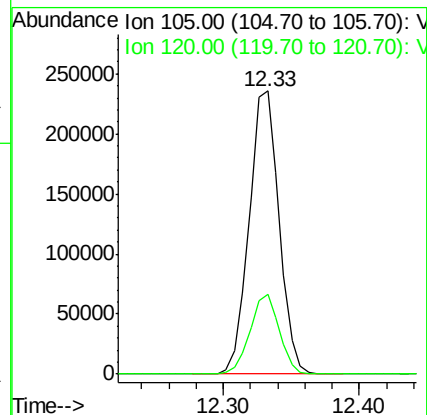
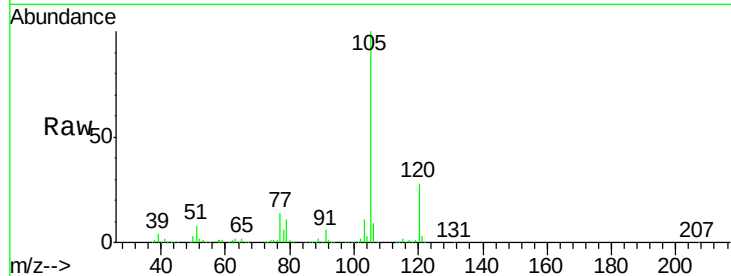
ClientSampleId :

Tot Ion:105 Resp: 362451

Ion Ratio Lower Upper

105 100

120 27.6 13.8 41.3



#74

N-ethyl acetate

Concen: 19.824 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Tgt Ion: 43 Resp: 80666

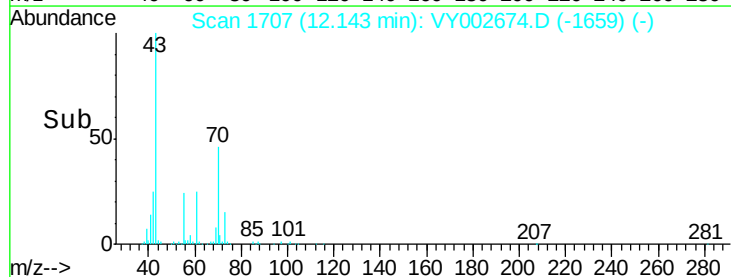
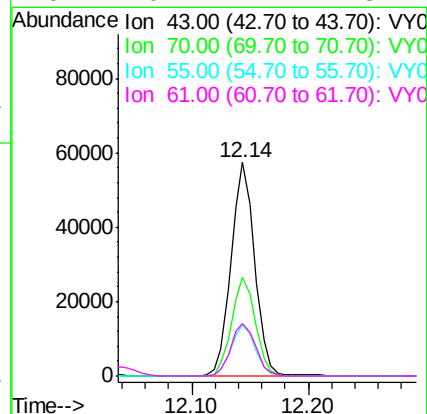
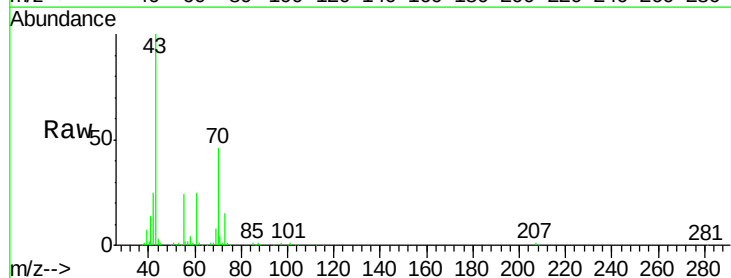
Ion Ratio Lower Upper

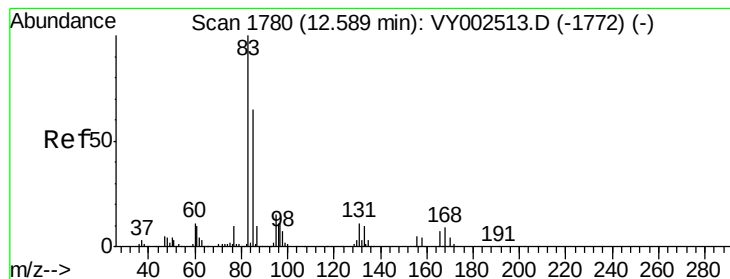
43 100

70 46.7 36.7 55.1

55 24.4 19.2 28.8

61 26.1 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.445 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

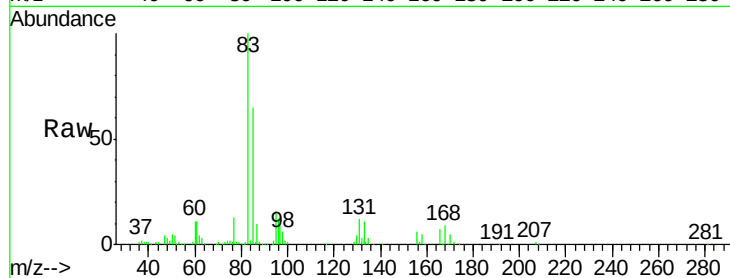
Tot Ion: 83 Resp: 49619

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.8

85 65.8 31.9 95.9

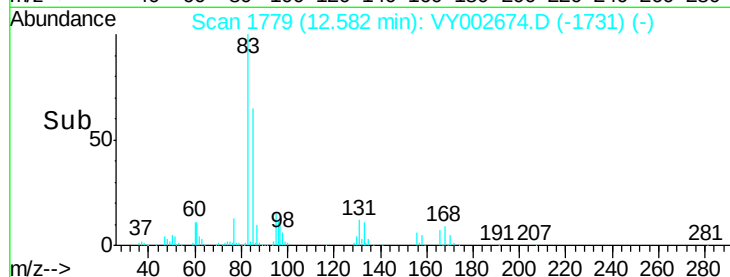


Abundance Ion 82.90 (82.60 to 83.60): VY002674.D (-1772) (-)

Ion 130.80 (130.50 to 131.50): VY002674.D (-1772) (-)

Ion 84.90 (84.60 to 85.60): VY002674.D (-1772) (-)

Time-->

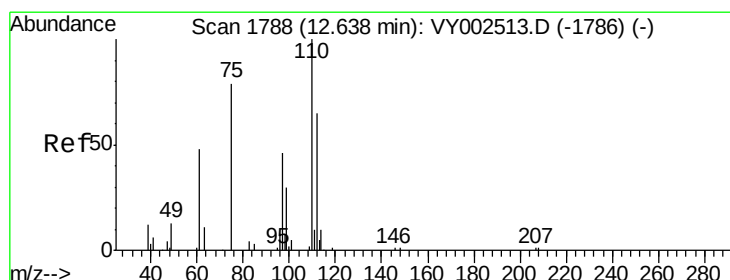


Abundance Ion 82.90 (82.60 to 83.60): VY002674.D (-1772) (-)

Ion 130.80 (130.50 to 131.50): VY002674.D (-1772) (-)

Ion 84.90 (84.60 to 85.60): VY002674.D (-1772) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 35.117 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY002674.D

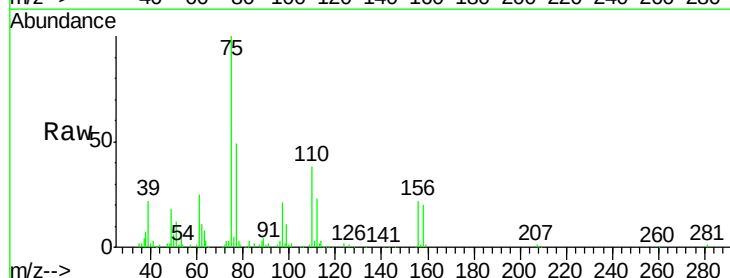
Acq: 13 May 2020 11:20

Tgt Ion: 75 Resp: 81451

Ion Ratio Lower Upper

75 100

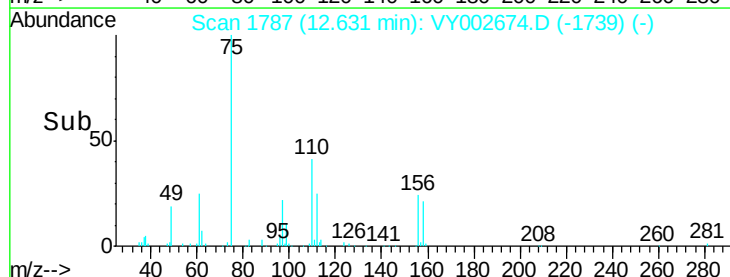
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002674.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY002674.D (-1786) (-)

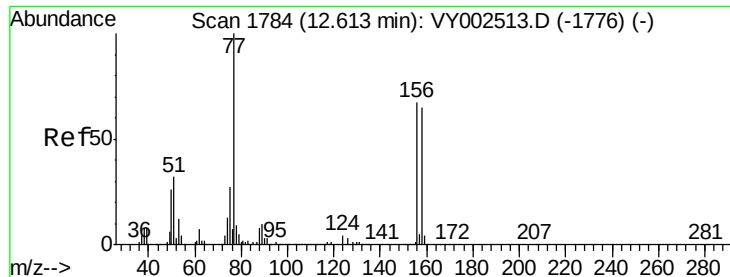
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VY002674.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY002674.D (-1786) (-)

Time-->



#77

Bromobenzene

Concen: 21.214 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

ClientSampled :

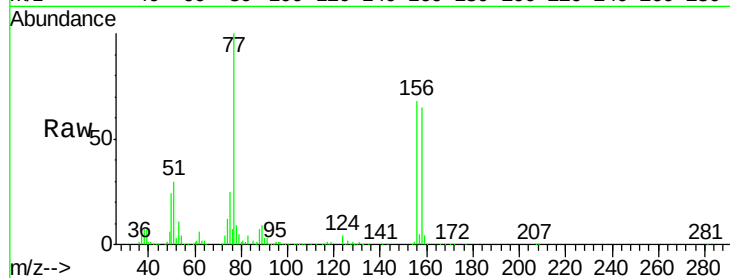
Tot Ion:156 Resp: 89651

Ion Ratio Lower Upper

156 100

77 161.9 82.0 245.8

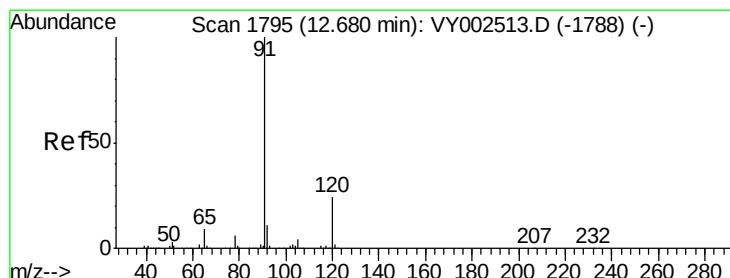
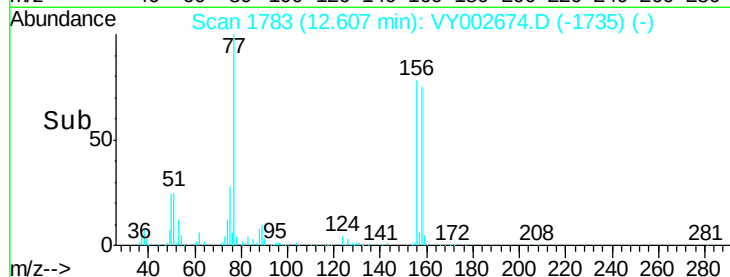
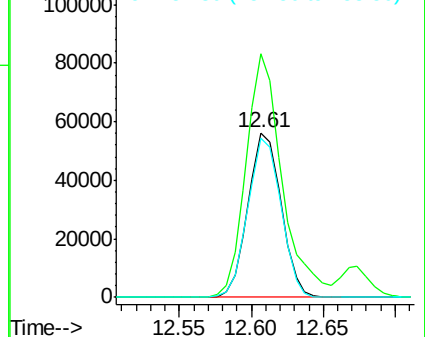
158 96.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.604 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002674.D

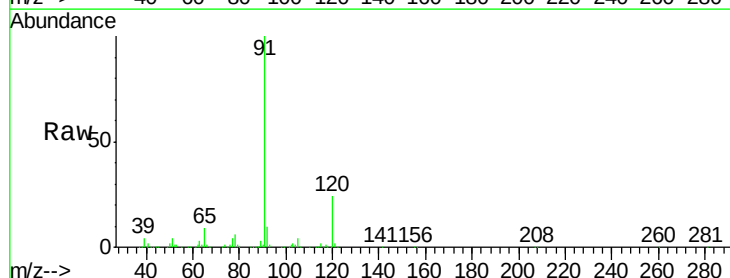
Acq: 13 May 2020 11:20

Tgt Ion: 91 Resp: 424072

Ion Ratio Lower Upper

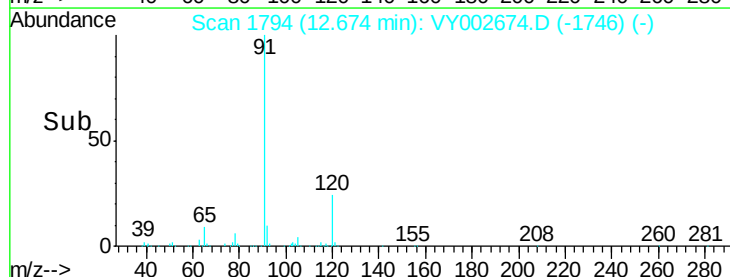
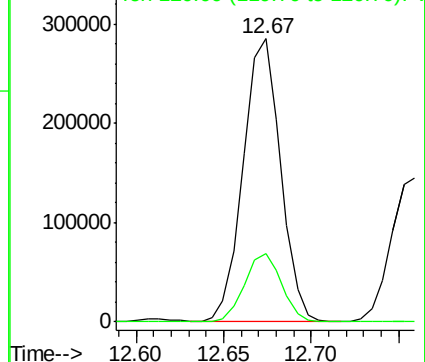
91 100

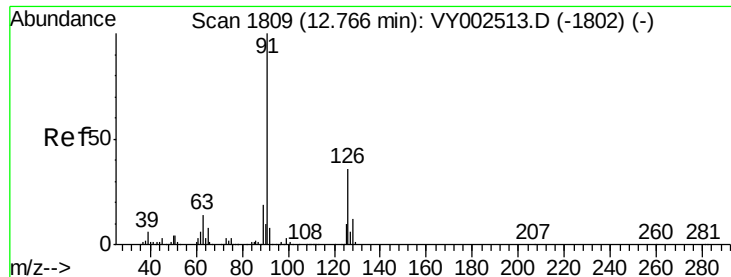
120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

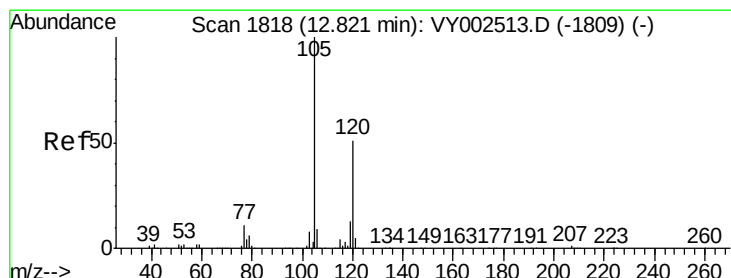
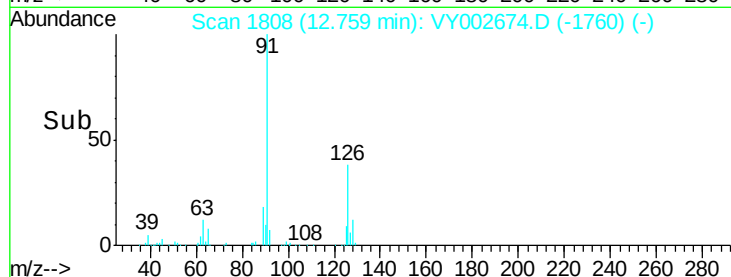
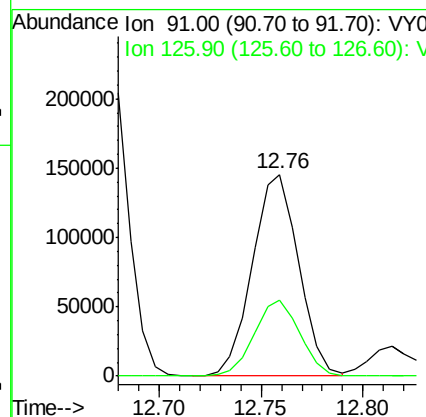
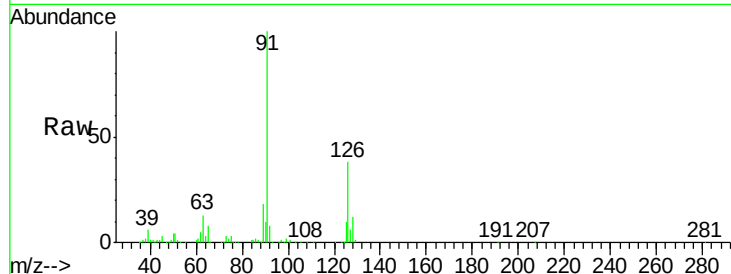




#79
 2-Chlorotoluene
 Concen: 21.129 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

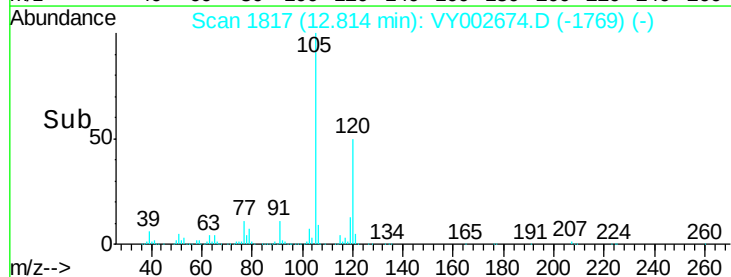
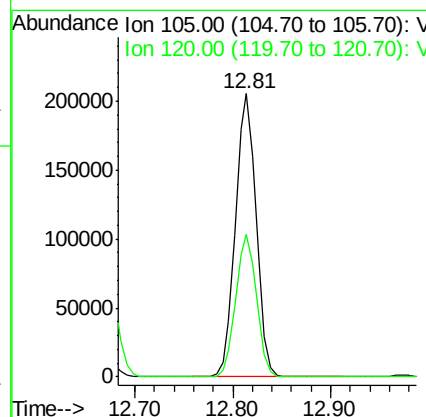
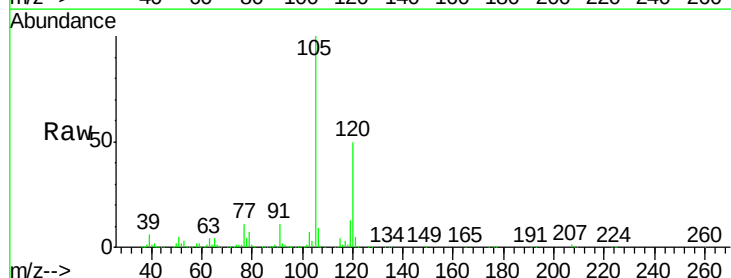
Instrument :
 MSVOA_Y
 ClientSampled :

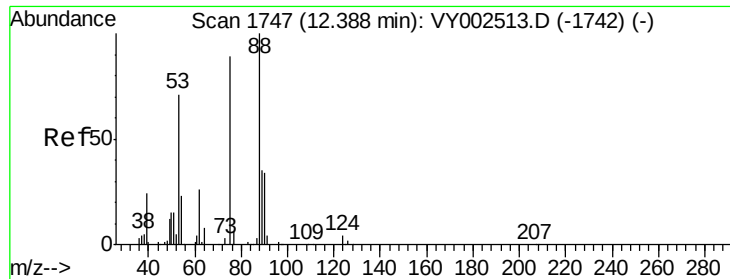
Tot Ion: 91 Resp: 229741
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 21.467 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

Tgt Ion: 105 Resp: 300993
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.9

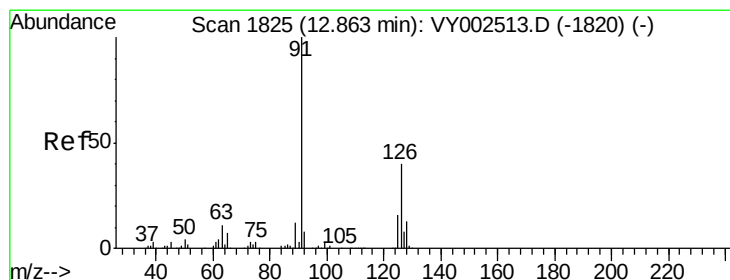
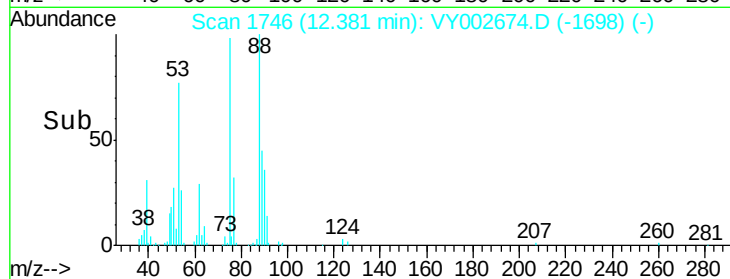
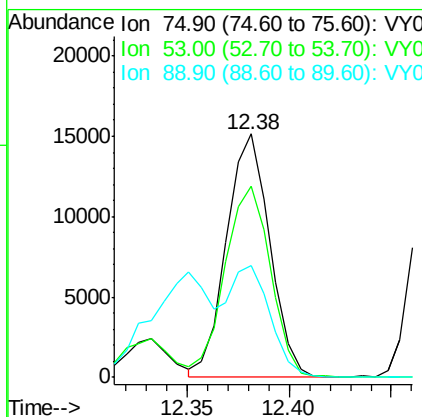
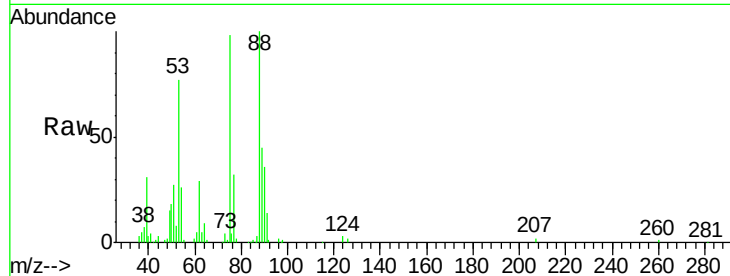




#81
trans-1,4-Dichloro-2-butene
Concen: 19.263 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

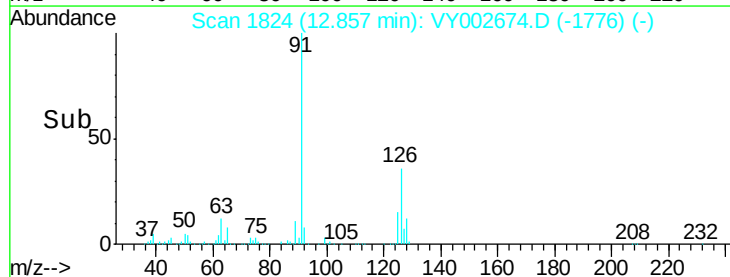
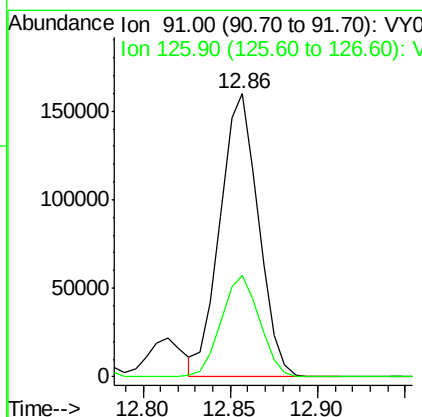
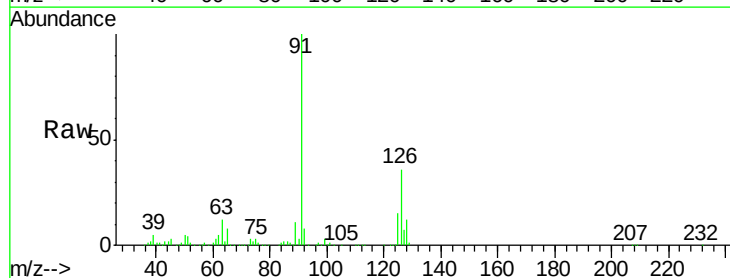
Instrument :
MSVOA_Y
ClientSampleId :

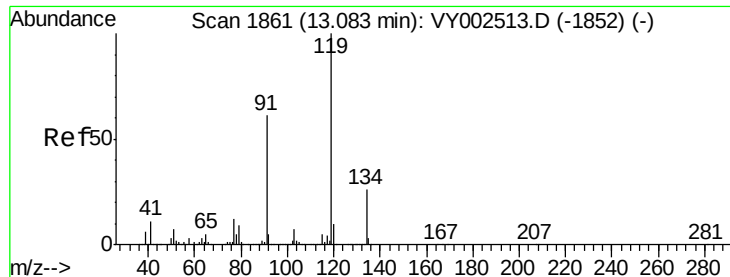
Tot Ion: 75 Resp: 22281
Ion Ratio Lower Upper
75 100
53 82.6 67.4 101.0
89 45.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.289 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Tgt Ion: 91 Resp: 243154
Ion Ratio Lower Upper
91 100
126 35.8 18.5 55.5

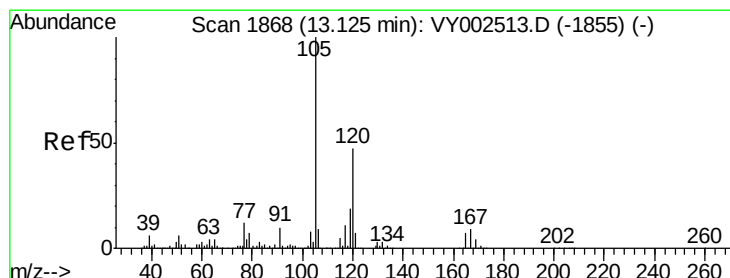
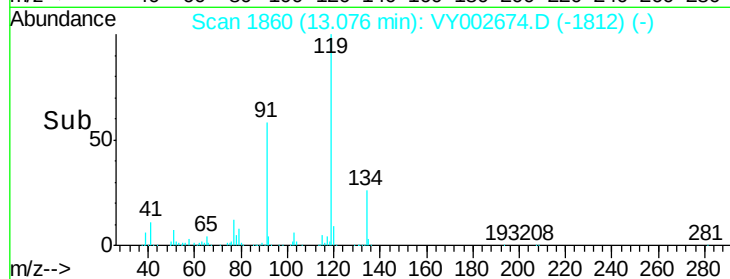
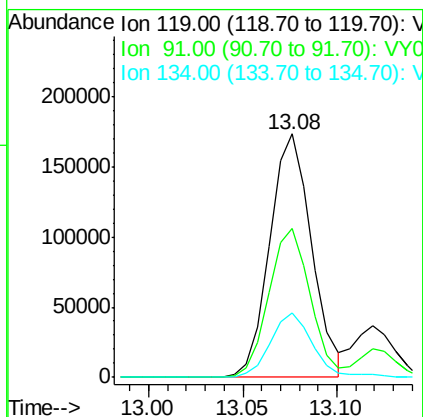
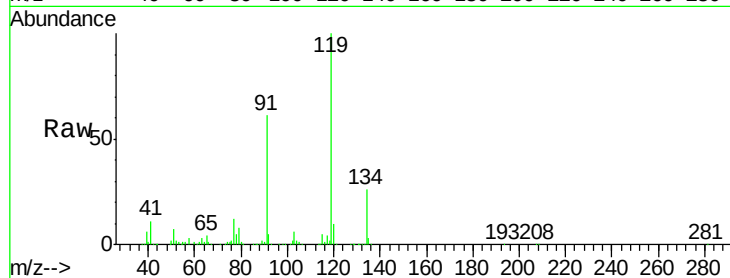




#83
tert-Butylbenzene
Concen: 21.742 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

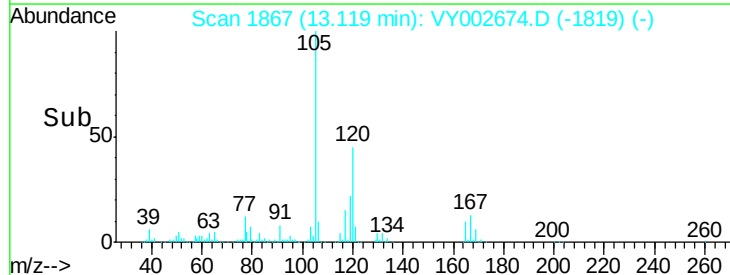
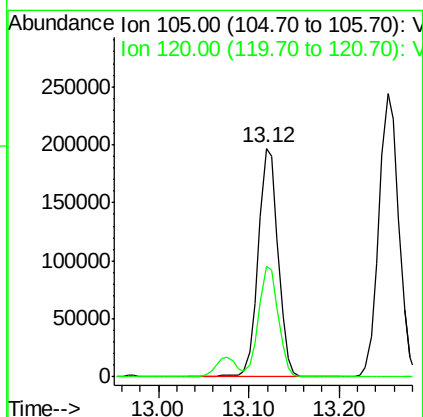
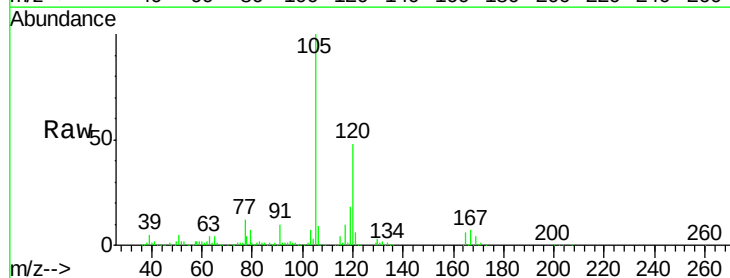
Instrument :
MSVOA_Y
ClientSampleId :

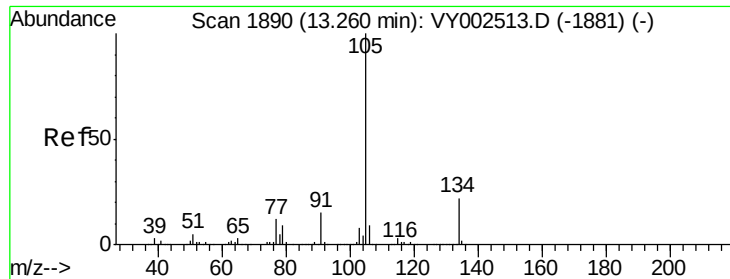
Tot Ion:119 Resp: 267303
Ion Ratio Lower Upper
119 100
91 60.4 30.6 91.6
134 26.8 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 21.283 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Tgt Ion:105 Resp: 297401
Ion Ratio Lower Upper
105 100
120 47.5 23.4 70.3





#85

sec-Butylbenzene

Concen: 21.740 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

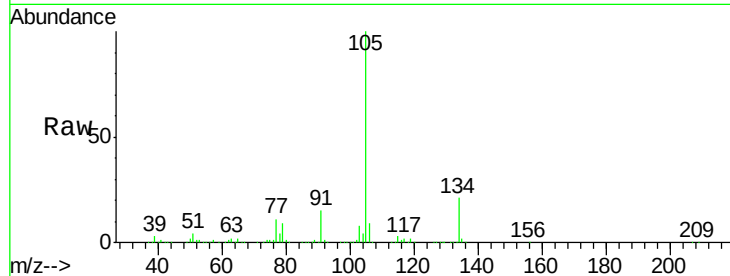
ClientSampleId :

Tot Ion:105 Resp: 370873

Ion Ratio Lower Upper

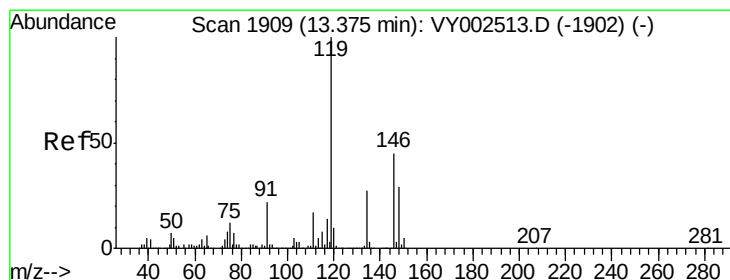
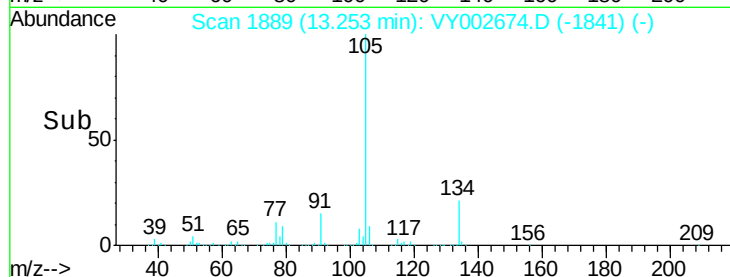
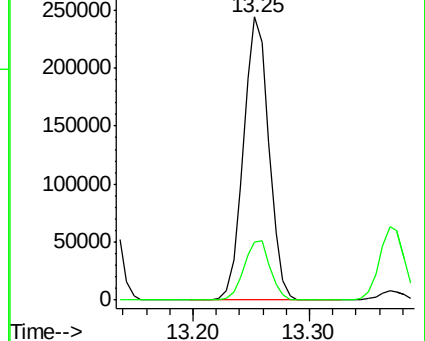
105 100

134 21.6 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: 21.623 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

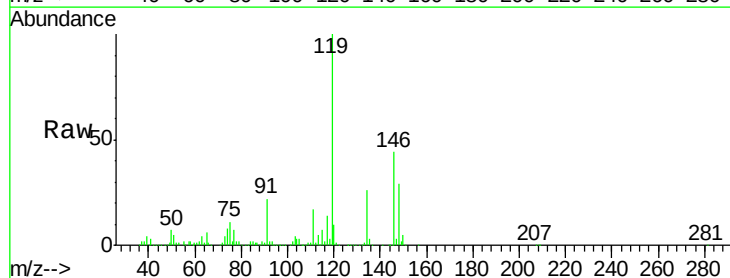
Tgt Ion:119 Resp: 345637

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

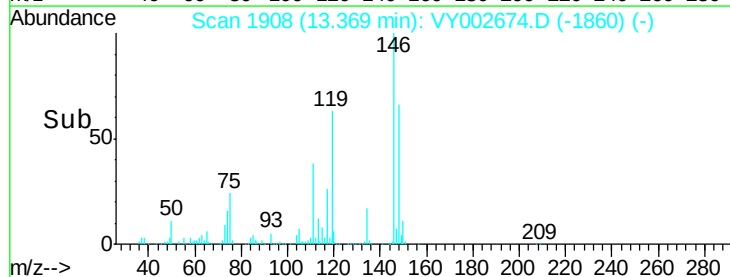
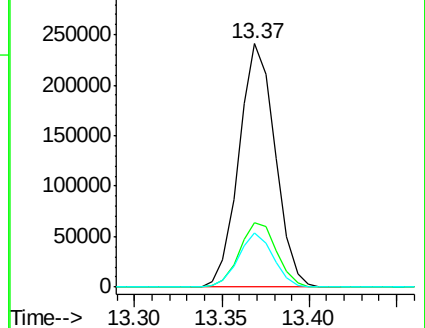
91 21.8 10.9 32.9

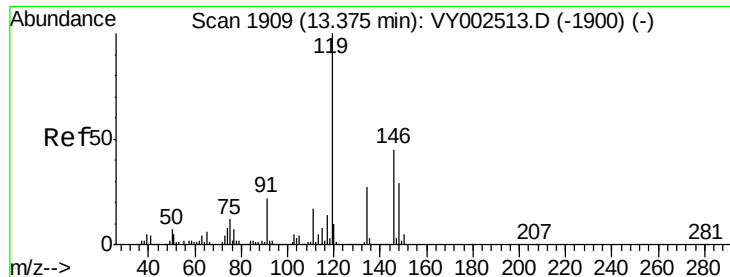


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

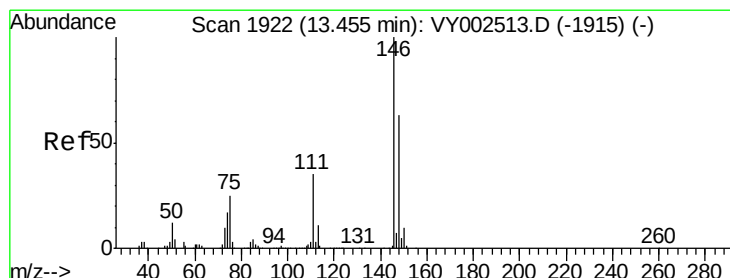
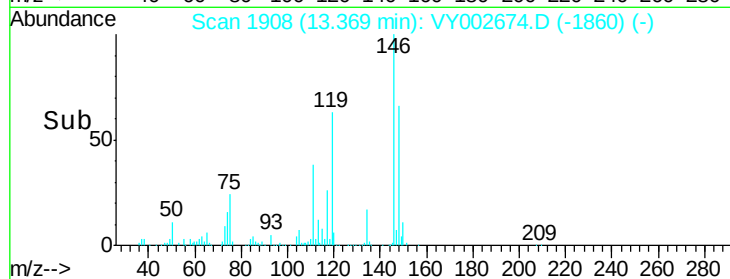
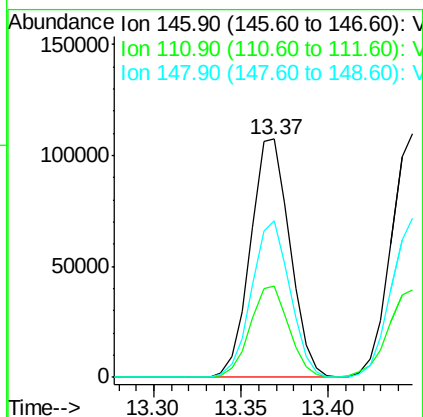
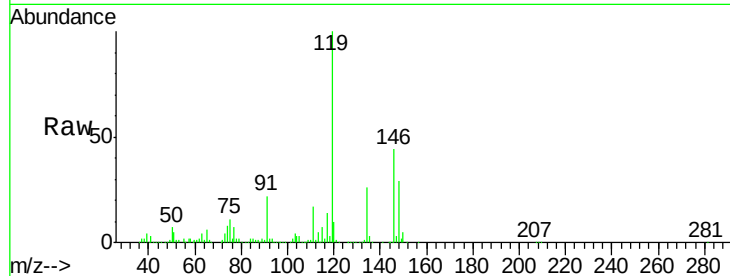




#87
 1,3-Dichlorobenzene
 Concen: 21.110 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

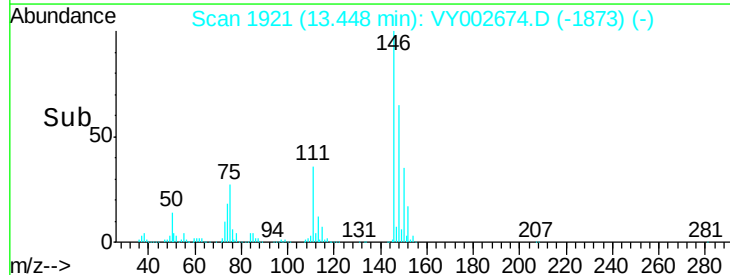
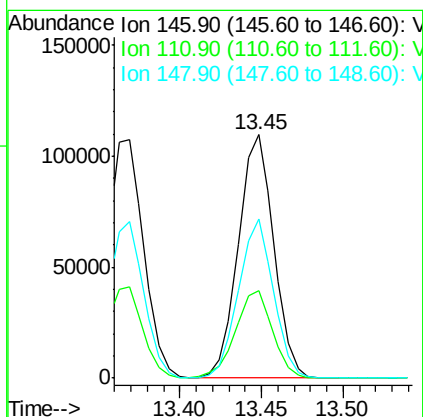
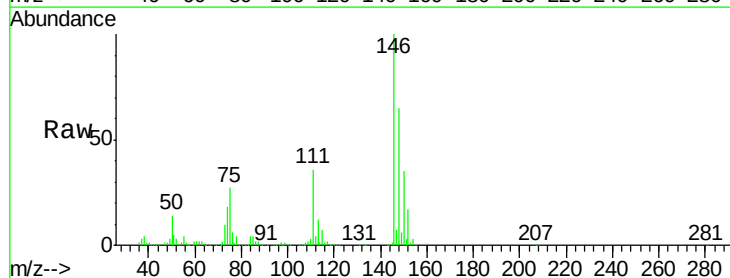
Instrument :
 MSVOA_Y
 ClientSampleId :

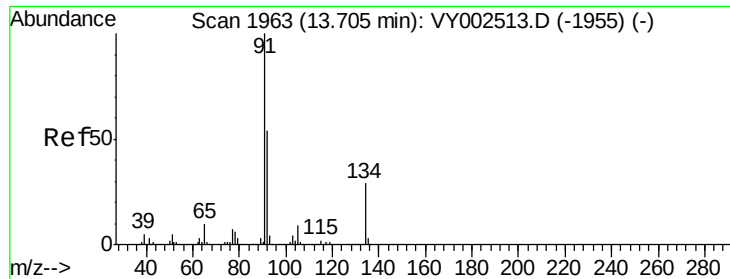
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	63.7	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.971 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.1
148	64.5	31.9	95.5





#89

n-Butylbenzene

Concen: 21.815 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002674.D

Acq: 13 May 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

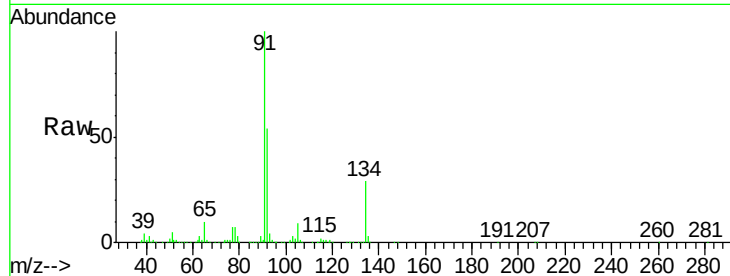
Tot Ion: 91 Resp: 317445

Ion Ratio Lower Upper

91 100

92 54.0 27.1 81.3

134 28.5 14.4 43.0

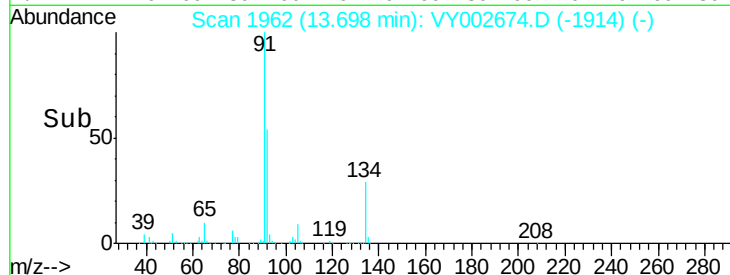


Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1955) (-)

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

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

Time-->

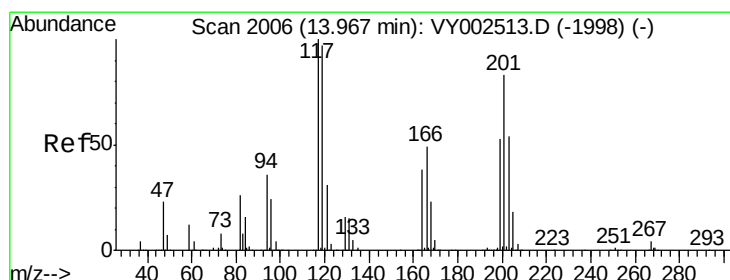


Abundance Ion 91.00 (90.70 to 91.70): VY002674.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY002674.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY002674.D (-1914) (-)

Time-->



#90

Hexachloroethane

Concen: 21.862 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.01 min

Lab File: VY002674.D

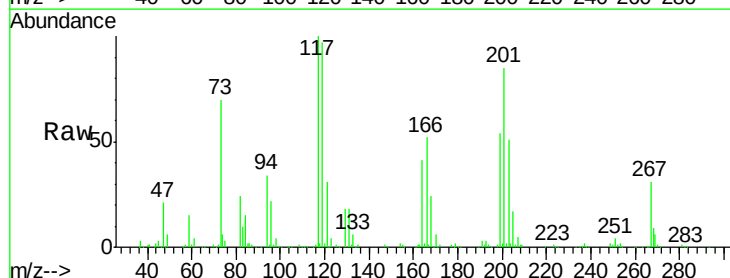
Acq: 13 May 2020 11:20

Tgt Ion: 117 Resp: 63640

Ion Ratio Lower Upper

117 100

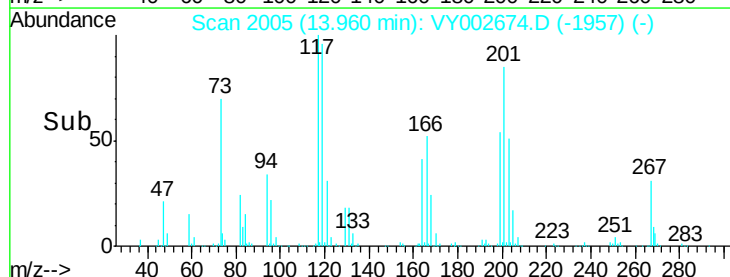
201 87.9 44.4 133.2



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

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

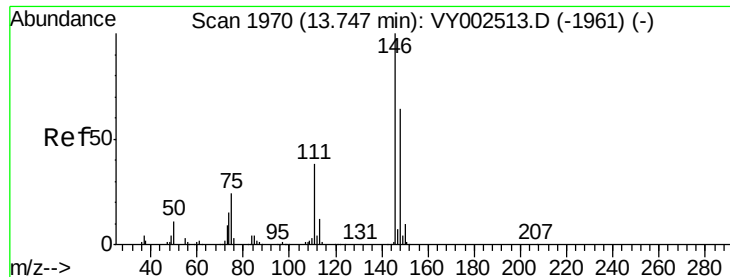
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VY002674.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY002674.D (-1957) (-)

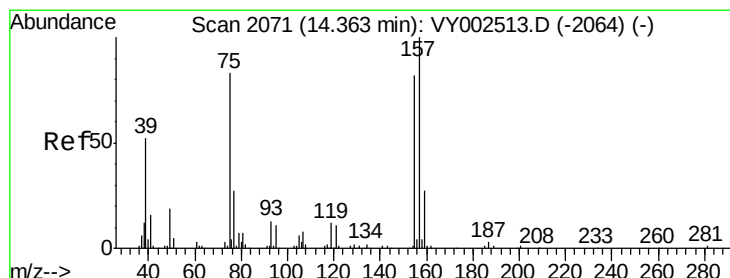
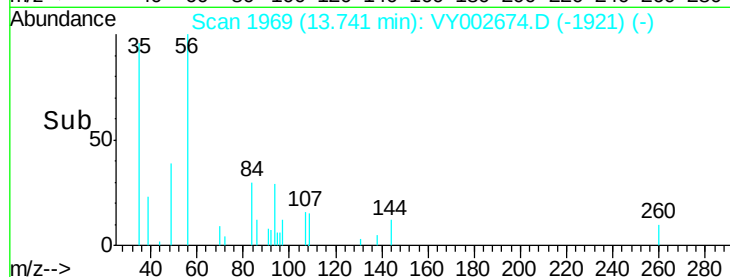
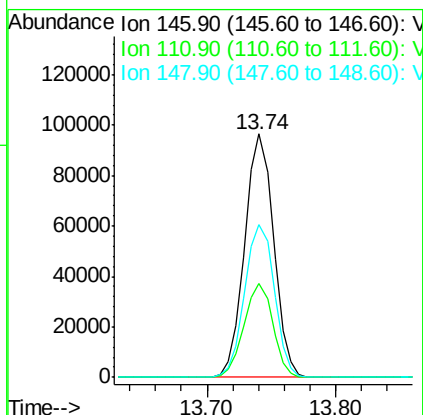
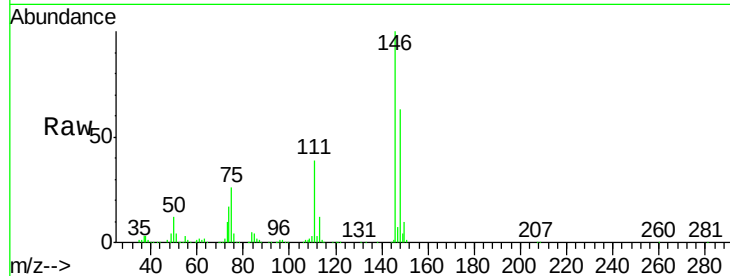
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 20.949 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

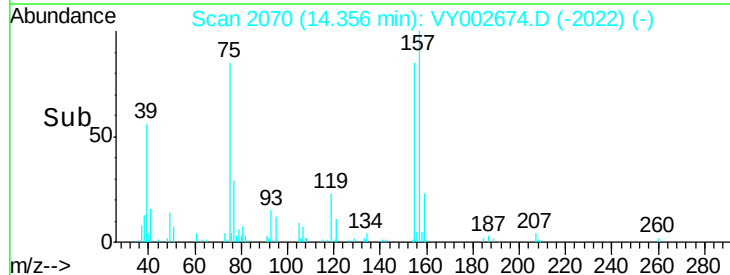
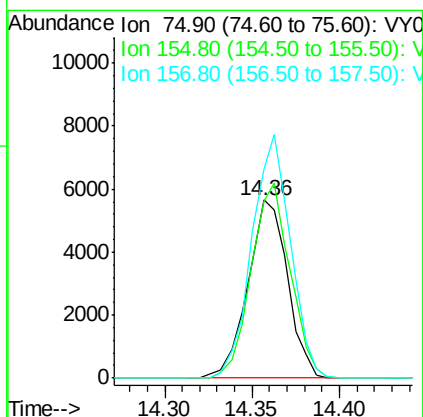
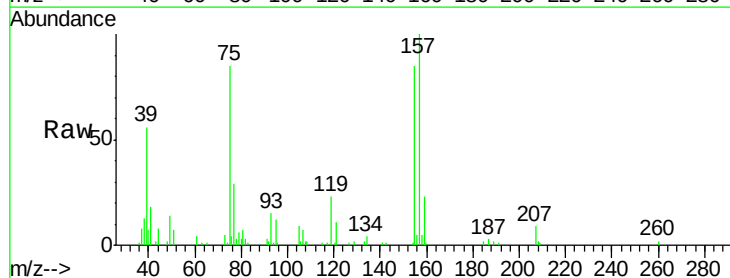
Instrument :
 MSVOA_Y
 ClientSampled :

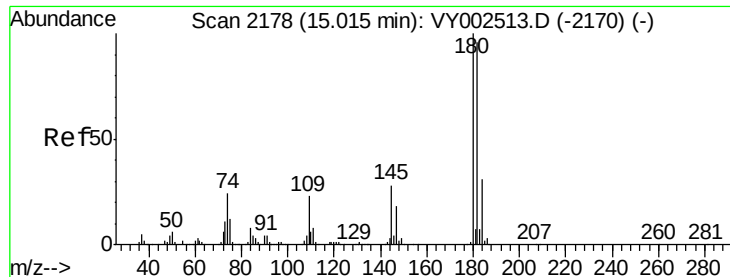
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.5
148	64.4	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.812 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.2	51.3	153.9
157	132.3	65.0	195.0

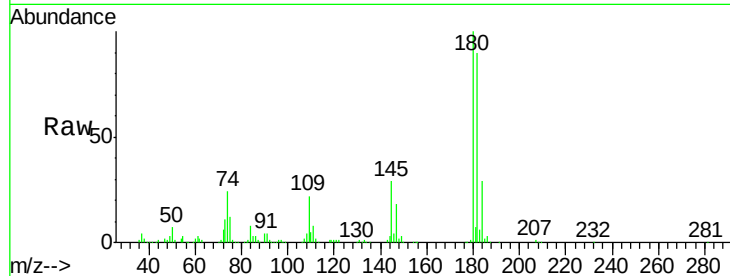




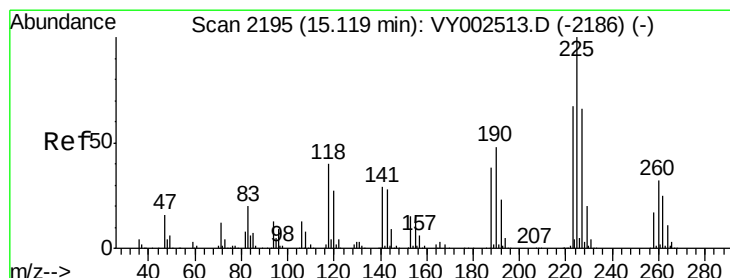
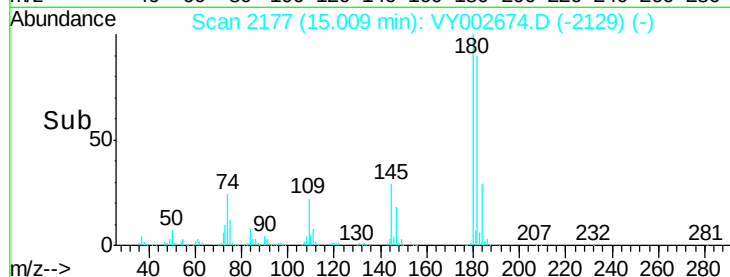
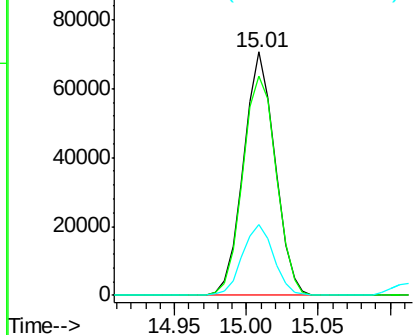
#93
 1,2,4-Trichlorobenzene
 Concen: 20.615 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.6
145	29.2	14.4	43.0

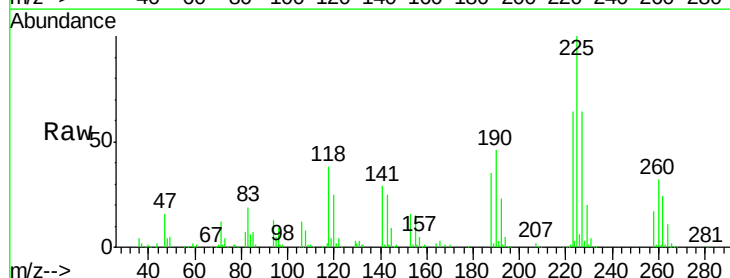


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

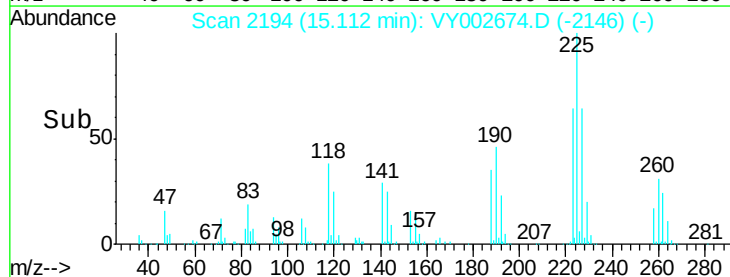
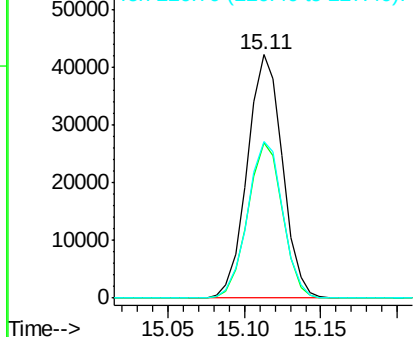


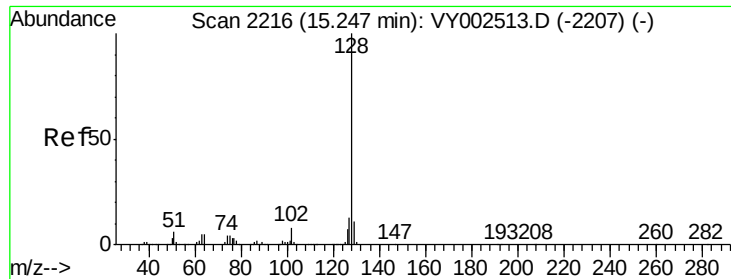
#94
 Hexachlorobutadiene
 Concen: 21.677 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY002674.D
 Acq: 13 May 2020 11:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.1	96.5
227	64.3	32.0	96.2



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

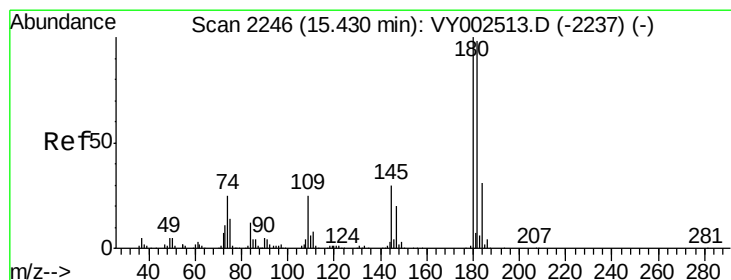
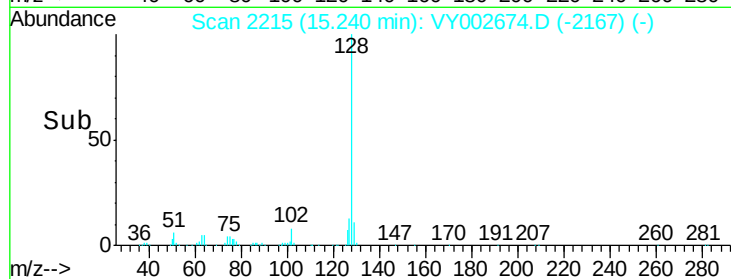
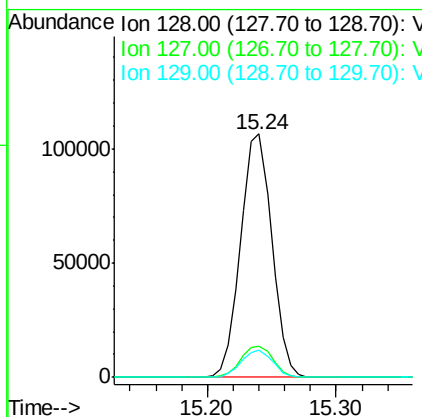
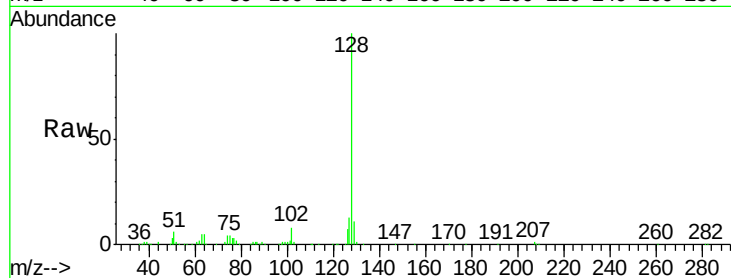




#95
Naphthalene
Concen: 18.927 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 178909
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.108 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002674.D
Acq: 13 May 2020 11:20

Tgt Ion:180 Resp: 88451
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.8
145 30.3 15.0 45.1

