

Data File : VY002675.D
Acq On : 13 May 2020 11:41
Operator : SY/MD
Sample : VY0513SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

Quant Time: May 14 04:02:56 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	354297	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	523587	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	469978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	241732	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	139771	46.92	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	7.72	113	157393	52.56	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.12%	
50) Toluene-d8	10.18	98	619602	52.99	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.48	95	209815	52.88	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	42144	15.666	ug/l	97
3) Chloromethane	2.12	50	54313	18.921	ug/l	99
4) Vinyl Chloride	2.26	62	61433	18.535	ug/l	99
5) Bromomethane	2.65	94	42740	18.699	ug/l	98
6) Chloroethane	2.80	64	36505	18.445	ug/l	95
7) Trichlorofluoromethane	3.13	101	97008	18.884	ug/l	99
8) Diethyl Ether	3.54	74	32622	18.897	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	61471	19.579	ug/l	97
10) Methyl Iodide	4.10	142	78990	18.467	ug/l	98
11) Tert butyl alcohol	4.97	59	25488	83.162	ug/l	99
12) 1,1-Dichloroethene	3.88	96	59407	19.478	ug/l	91
13) Acrolein	3.74	56	12942	61.065	ug/l	93
14) Allyl chloride	4.49	41	89961	20.244	ug/l	98
15) Acrylonitrile	5.18	53	72773	89.393	ug/l	99
16) Acetone	3.96	43	48848	79.454	ug/l	100
17) Carbon Disulfide	4.20	76	156742	17.083	ug/l	99
18) Methyl Acetate	4.49	43	35699	17.379	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	148657	18.682	ug/l	97
20) Methylene Chloride	4.72	84	66466	19.333	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	66053	19.815	ug/l	95
22) Diisopropyl ether	6.13	45	186944	20.791	ug/l	99
23) Vinyl Acetate	6.07	43	525246	92.885	ug/l	100
24) 1,1-Dichloroethane	6.03	63	110984	20.864	ug/l	99
25) 2-Butanone	7.00	43	85914	85.369	ug/l	98
26) 2,2-Dichloropropane	6.99	77	104864	20.739	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	76286	20.682	ug/l	100
28) Bromochloromethane	7.35	49	44457	20.398	ug/l	98
29) Tetrahydrofuran	7.35	42	58240	87.468	ug/l	99
30) Chloroform	7.52	83	113736	20.563	ug/l	99
31) Cyclohexane	7.79	56	101747	19.003	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	103325	20.099	ug/l	100
36) 1,1-Dichloropropene	7.93	75	89749	20.447	ug/l	100
37) Ethyl Acetate	7.08	43	40022	17.744	ug/l	99
38) Carbon Tetrachloride	7.91	117	96528	20.143	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	113305	19.544	ug/l	100
40) Benzene	8.17	78	259553	20.474	ug/l	98
41) Methacrylonitrile	7.33	41	22932m	18.909	ug/l	
42) 1,2-Dichloroethane	8.25	62	65231	18.344	ug/l	98
43) Isopropyl Acetate	8.28	43	75676	17.897	ug/l	98
44) Trichloroethene	8.94	130	83229	21.008	ug/l	100
45) 1,2-Dichloropropane	9.22	63	62280	20.356	ug/l	96
46) Dibromomethane	9.31	93	32869	18.672	ug/l	97
47) Bromodichloromethane	9.50	83	86458	20.199	ug/l	99
48) Methyl methacrylate	9.30	41	34114	17.826	ug/l	98
49) 1,4-Dioxane	9.30	88	8539	366.359	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	194800	89.377	ug/l	98
52) Toluene	10.25	92	167937	20.613	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	87019	19.403	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	105296	20.309	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	50548	19.691	ug/l	97
56) Ethyl methacrylate	10.51	69	64802	18.976	ug/l	96
57) 1,3-Dichloropropane	10.79	76	84892	19.500	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	172176	95.604	ug/l	98
59) 2-Hexanone	10.83	43	131584	87.717	ug/l	99
60) Dibromochloromethane	10.99	129	64990	19.905	ug/l	98
61) 1,2-Dibromoethane	11.09	107	48036	18.898	ug/l	99
64) Tetrachloroethene	10.72	164	94183	22.555	ug/l	98
65) Chlorobenzene	11.52	112	188387	21.086	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	69984	21.102	ug/l	99
67) Ethyl Benzene	11.60	91	332295	21.174	ug/l	99
68) m/p-Xylenes	11.70	106	256817	42.294	ug/l	100
69) o-Xylene	12.03	106	121180	21.314	ug/l	98
70) Styrene	12.05	104	208015	21.402	ug/l	98
71) Bromoform	12.20	173	39449	19.165	ug/l #	99
73) Isopropylbenzene	12.33	105	338580	21.612	ug/l	99
74) N-amyl acetate	12.14	43	71142	18.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	43796	17.578	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	39344m	18.315	ug/l	
77) Bromobenzene	12.61	156	81183	20.741	ug/l	98
78) n-propylbenzene	12.67	91	393193	21.627	ug/l	100
79) 2-Chlorotoluene	12.75	91	216858	21.533	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	280453	21.596	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	19770	18.454	ug/l	97
82) 4-Chlorotoluene	12.86	91	223285	21.107	ug/l	100
83) tert-Butylbenzene	13.08	119	248618	21.834	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	276921	21.396	ug/l	100
85) sec-Butylbenzene	13.25	105	346884	21.954	ug/l	100
86) p-Isopropyltoluene	13.37	119	322905	21.811	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	158216	21.357	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	156676	21.359	ug/l	99
89) n-Butylbenzene	13.70	91	296197	21.977	ug/l	100
90) Hexachloroethane	13.96	117	59784	22.174	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	139375	21.084	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8119	17.481	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051320\
Quantitation Report (QT Reviewed)

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Operator : SY/MD
Sample : VY0513SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VY0513SBSD01

Quant Time: May 14 04:02:56 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)
93) 1,2,4-Trichlorobenzene	15.01	180	103731	21.614	ug/l	99
94) Hexachlorobutadiene	15.11	225	64347	22.337	ug/l	99
95) Naphthalene	15.23	128	171176	19.552	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	85253	20.925	ug/l	99

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

Data File : VY002675.D

Acq On : 13 May 2020 11:41

Operator : SY/MD

Sample : VY0513SBSD01

Misc : 5.00G/5ML/MSVOA Y/SOIL

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ALS Vial      : 5      Sample Multiplier: 1
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Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01

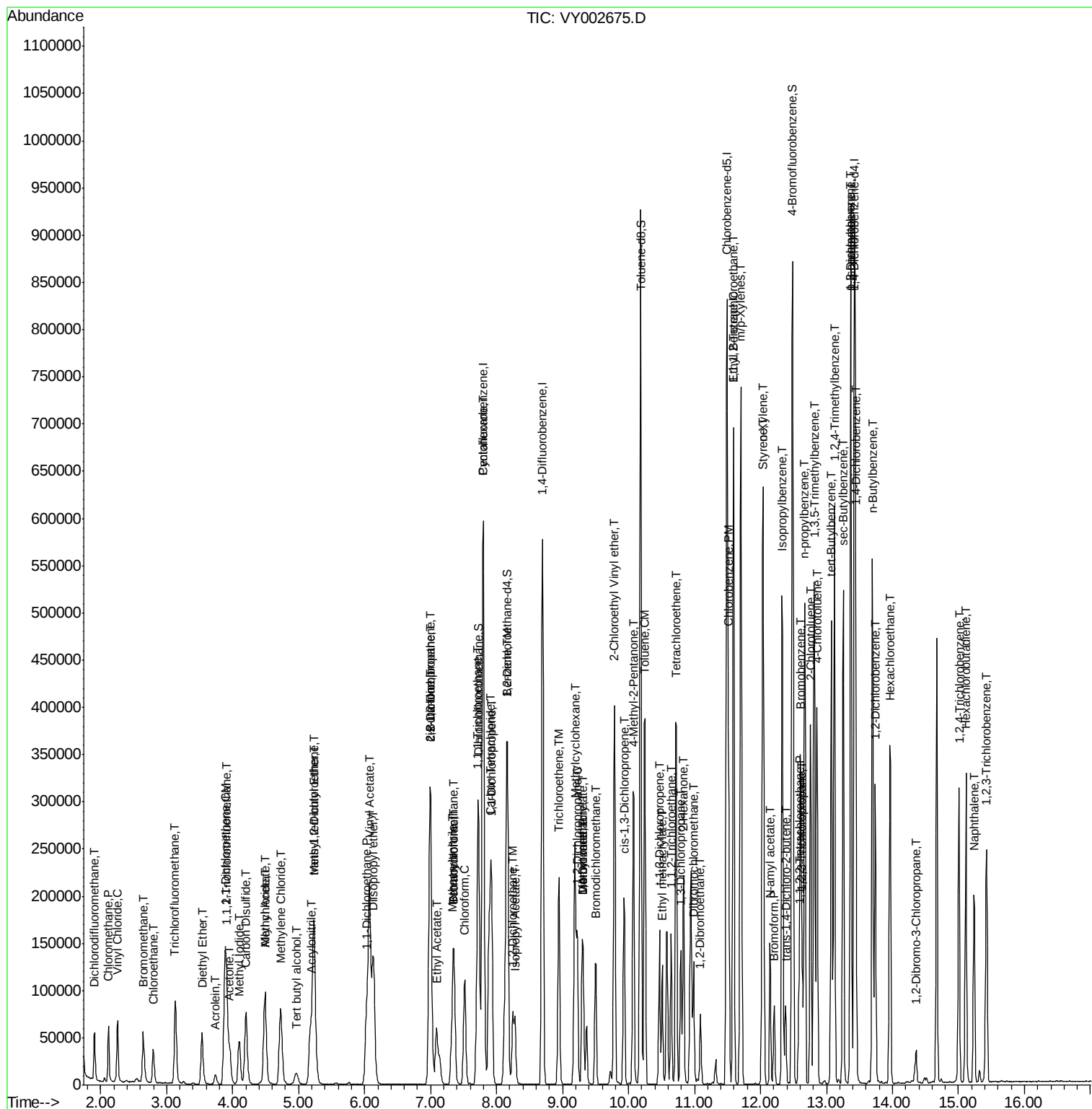
Quant Time: May 14 04:02:56 2020

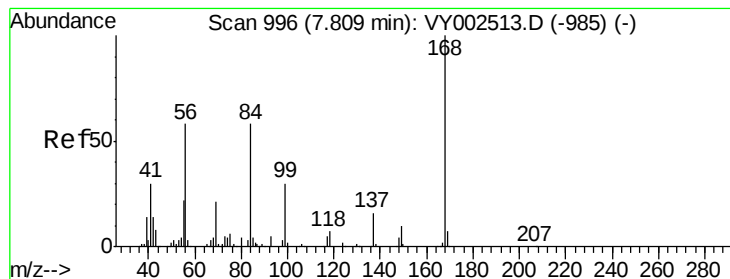
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_Y\METHODS\82Y043020S.M

Quant Title : SW846 8260

QLast Update : Mon May 04 12:22:08 2020

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: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

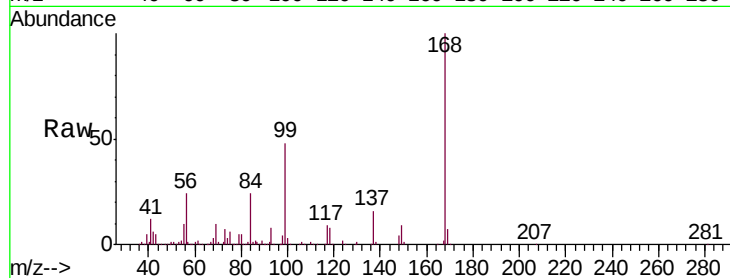
VY0513SBS01

Tgt Ion:168 Resp: 354297

Ion Ratio Lower Upper

168 100

99 47.9 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

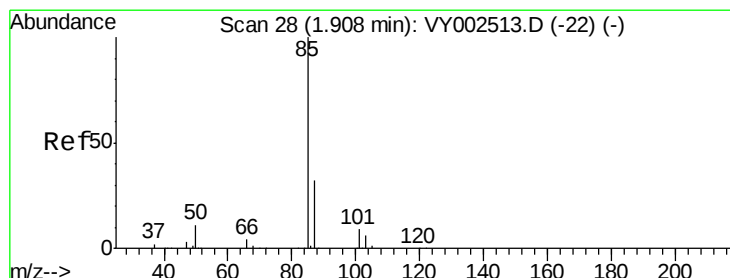
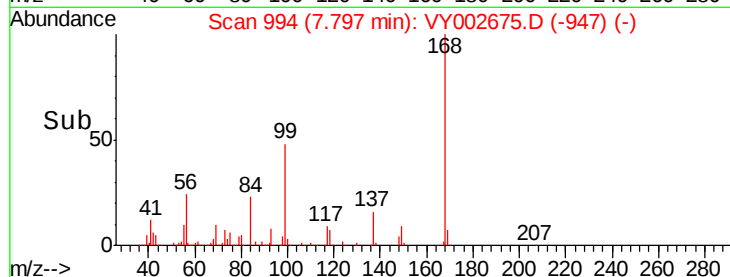
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 15.666 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002675.D

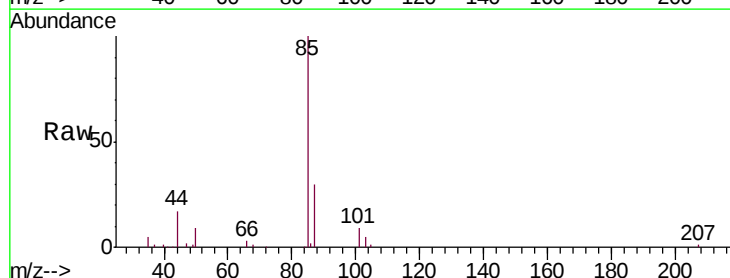
Acq: 13 May 2020 11:41

Tgt Ion: 85 Resp: 42144

Ion Ratio Lower Upper

85 100

87 29.9 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

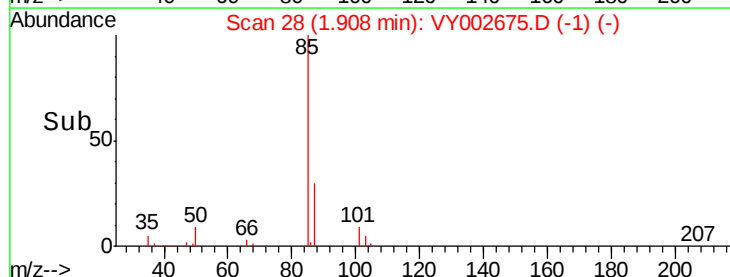
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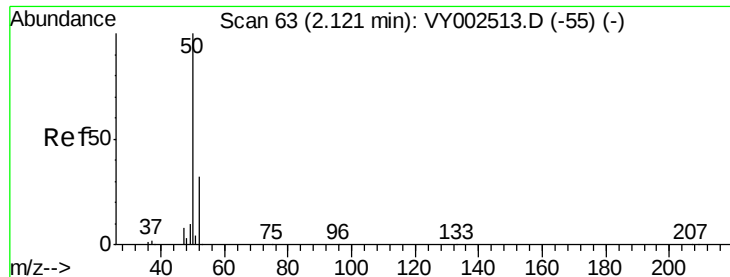
10000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 18.921 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

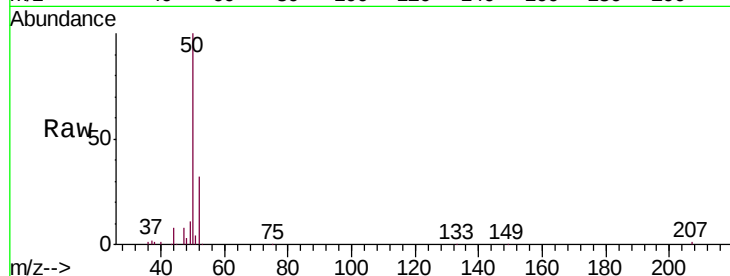
VY0513SBS01

Tgt Ion: 50 Resp: 54313

Ion Ratio Lower Upper

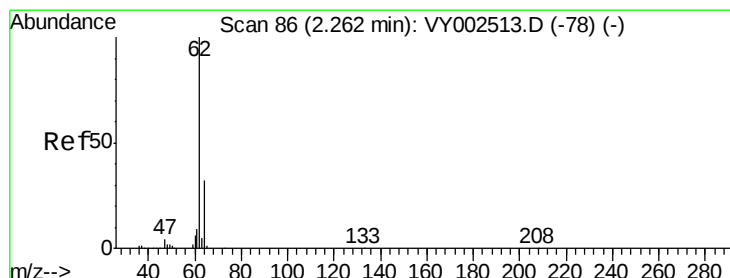
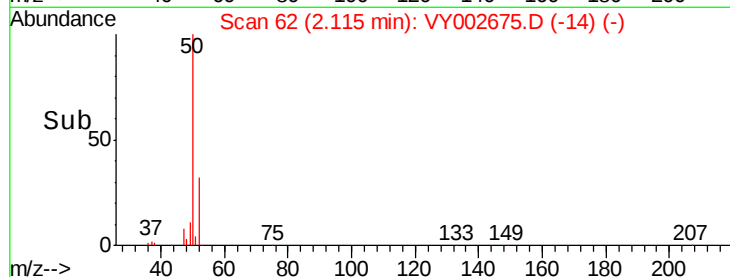
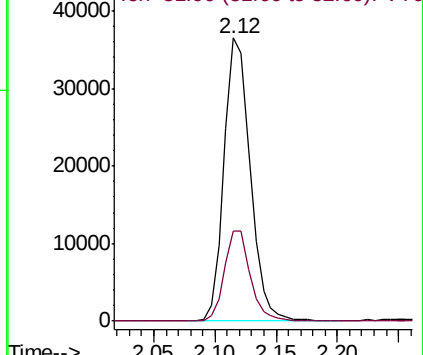
50 100

52 32.0 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: 18.535 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002675.D

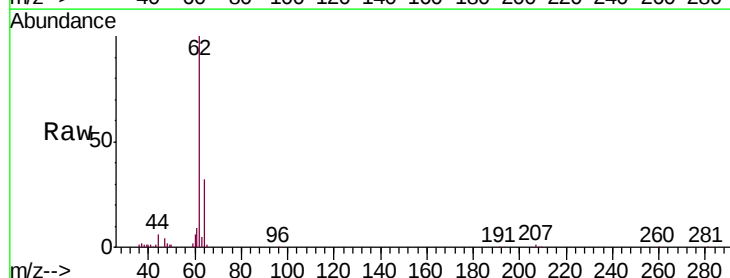
Acq: 13 May 2020 11:41

Tgt Ion: 62 Resp: 61433

Ion Ratio Lower Upper

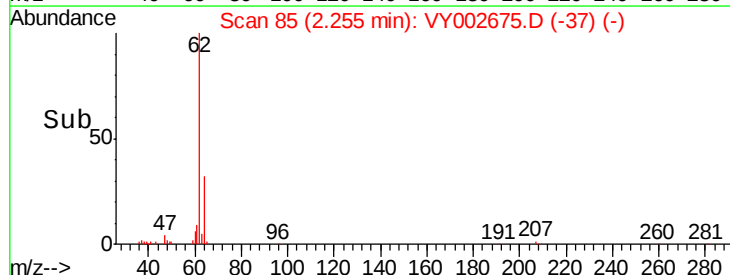
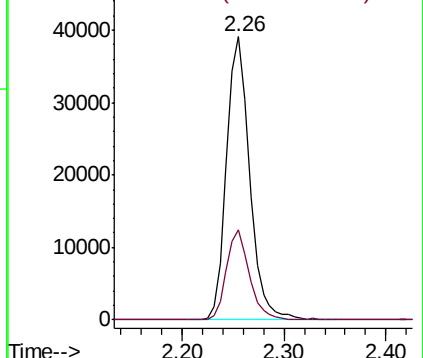
62 100

64 31.9 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: 18.699 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

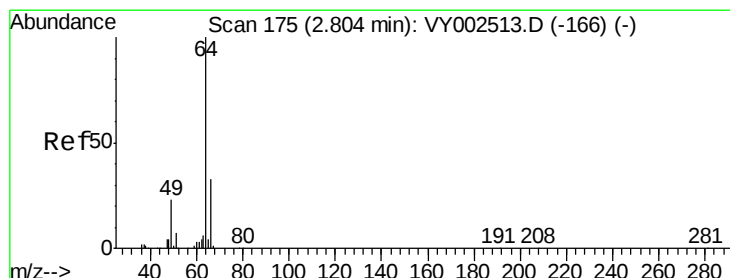
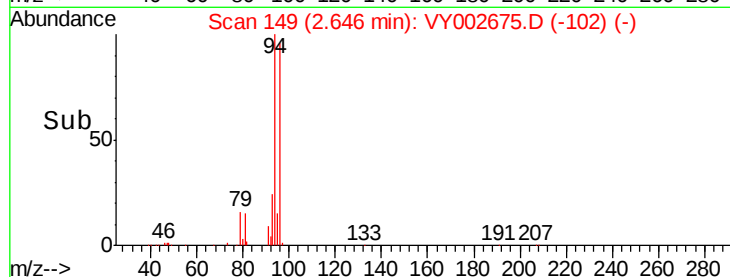
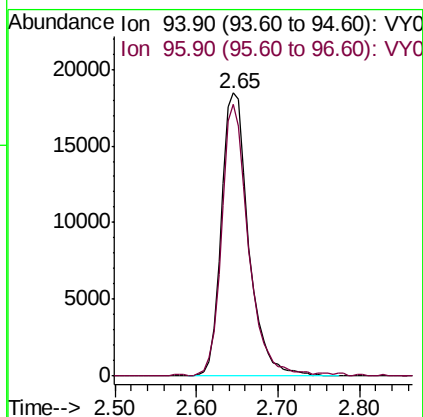
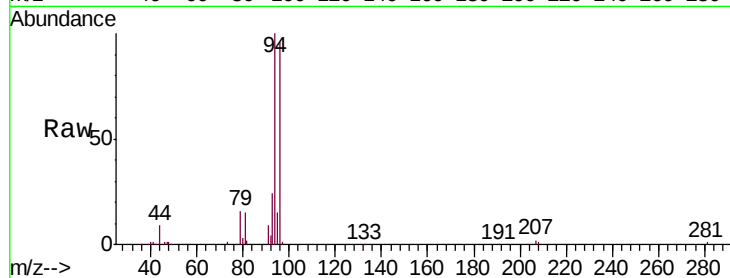
VY0513SBS01

Tgt Ion: 94 Resp: 42740

Ion Ratio Lower Upper

94 100

96 95.7 74.9 112.3



#6

Chloroethane

Concen: 18.445 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002675.D

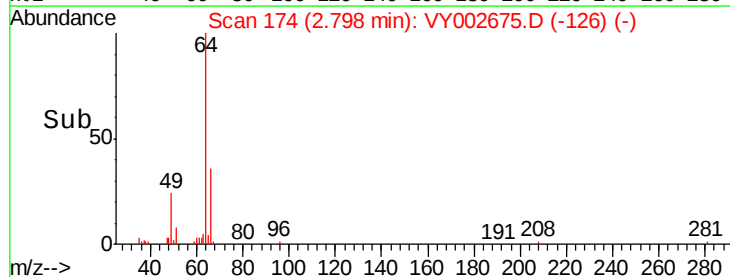
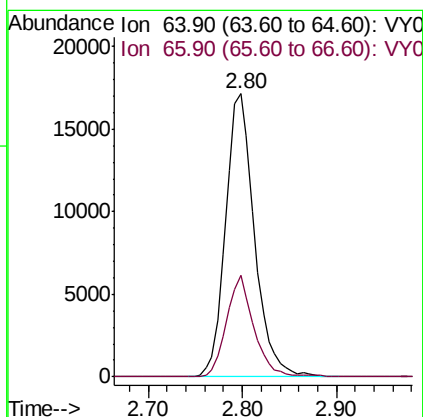
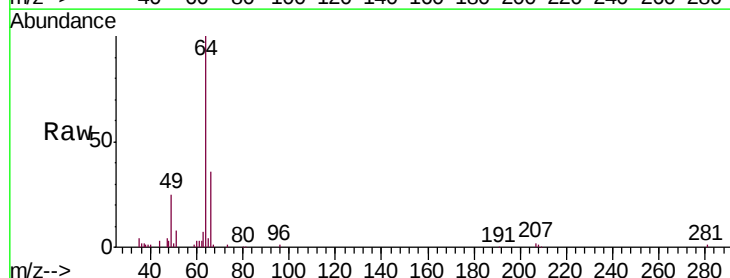
Acq: 13 May 2020 11:41

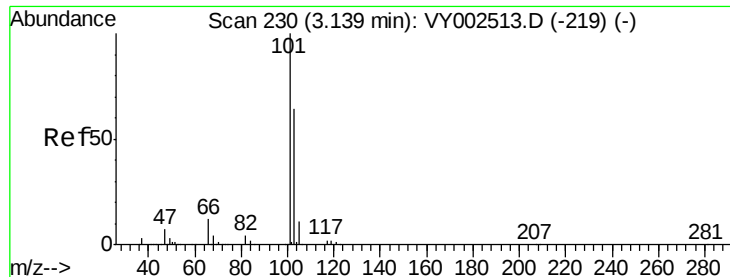
Tgt Ion: 64 Resp: 36505

Ion Ratio Lower Upper

64 100

66 35.8 26.3 39.5



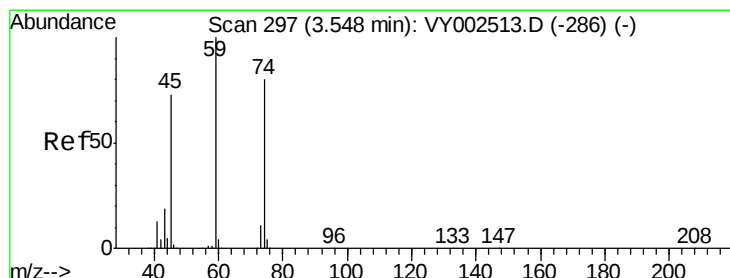
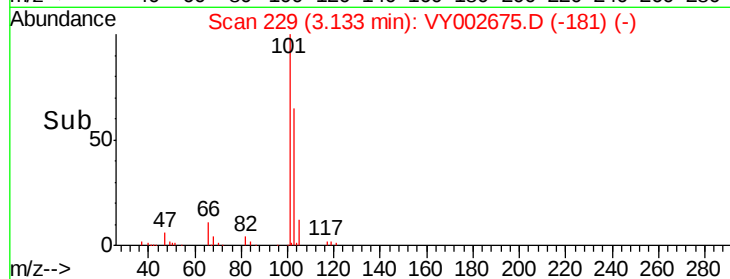
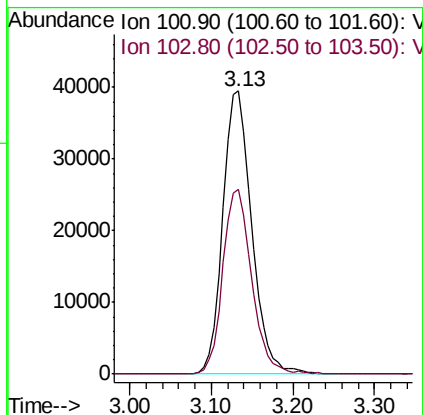
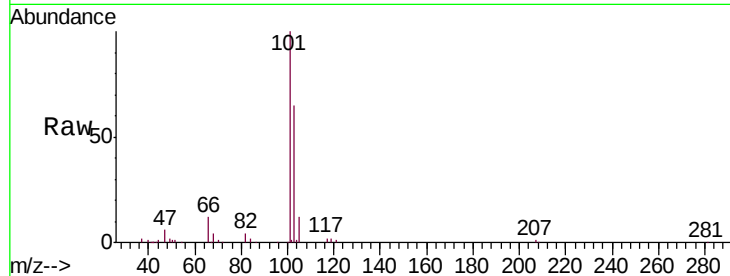


#7

Trichlorofluoromethane
 Concen: 18.884 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

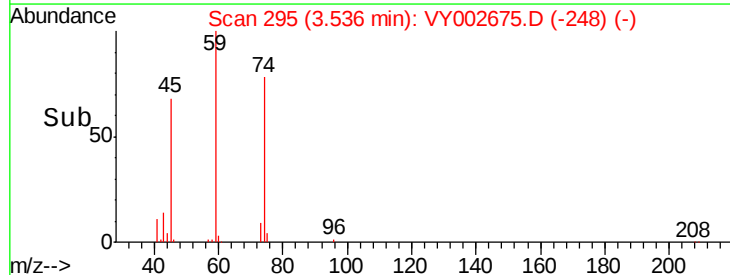
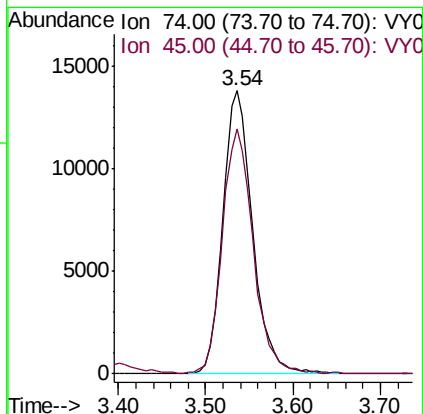
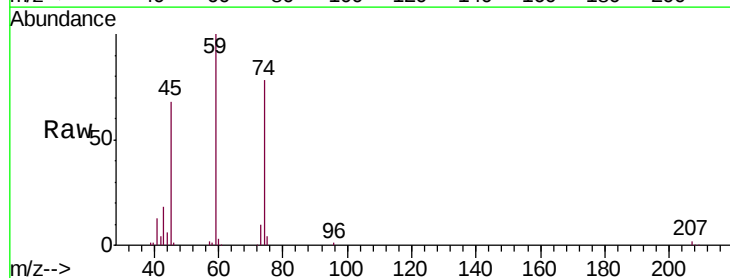
Tgt Ion:101 Resp: 97008
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.0

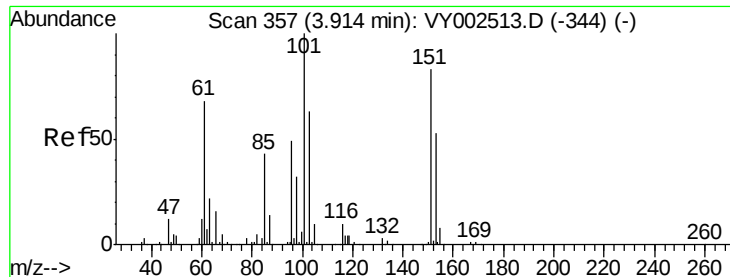


#8

Diethyl Ether
 Concen: 18.897 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

Tgt Ion: 74 Resp: 32622
 Ion Ratio Lower Upper
 74 100
 45 90.2 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.579 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

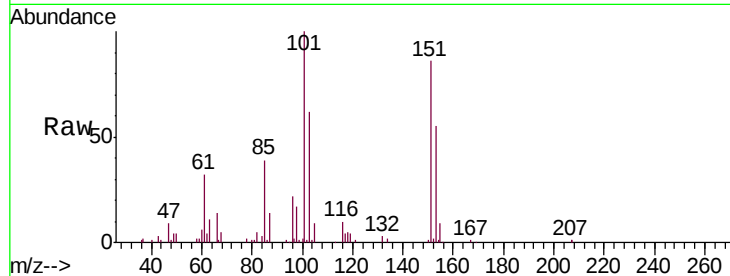
Tgt Ion:101 Resp: 61471

Ion Ratio Lower Upper

101 100

85 42.4 33.4 50.2

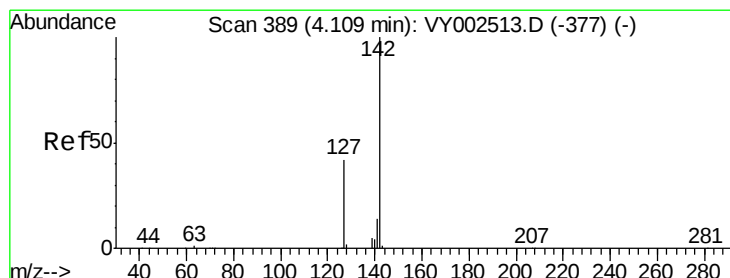
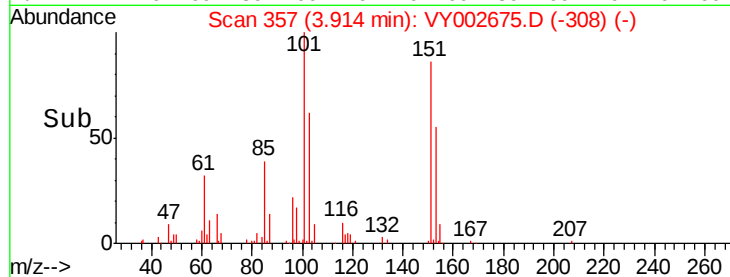
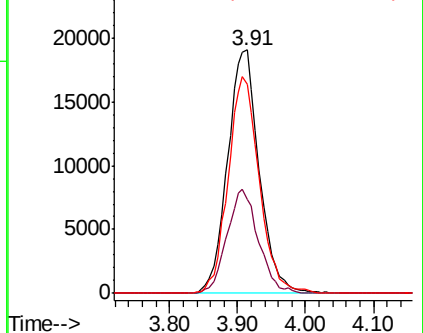
151 87.6 66.8 100.2



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: 18.467 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

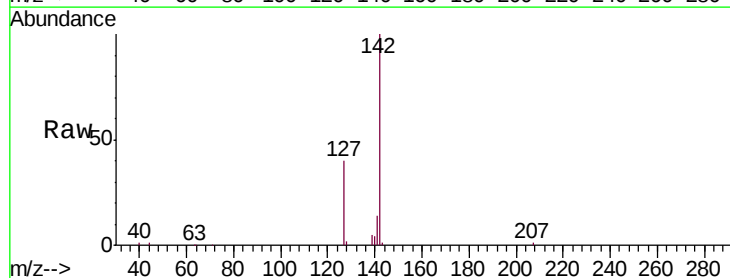
Tgt Ion:142 Resp: 78990

Ion Ratio Lower Upper

142 100

127 40.5 33.7 50.5

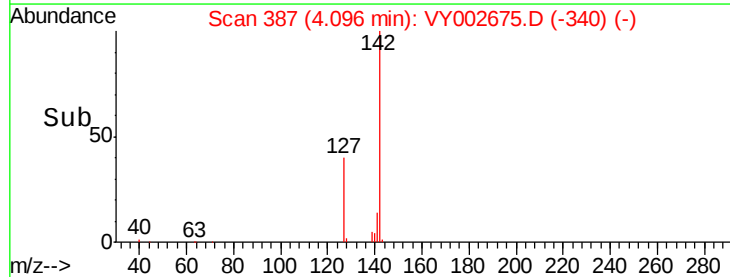
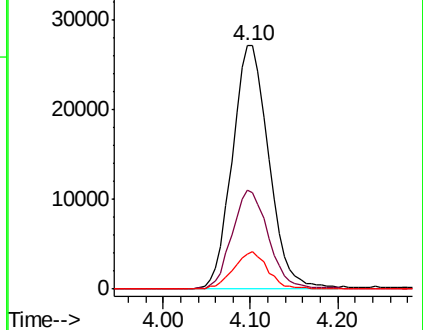
141 14.5 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

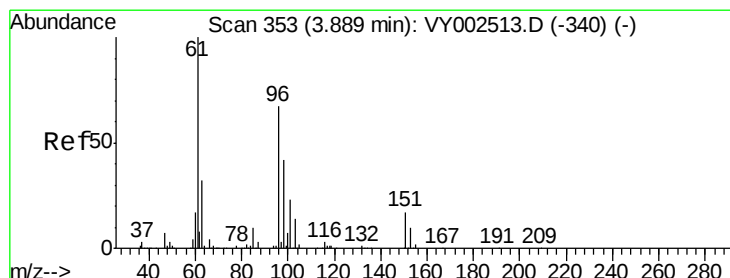
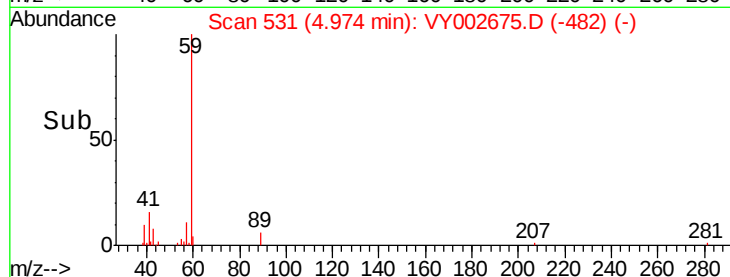
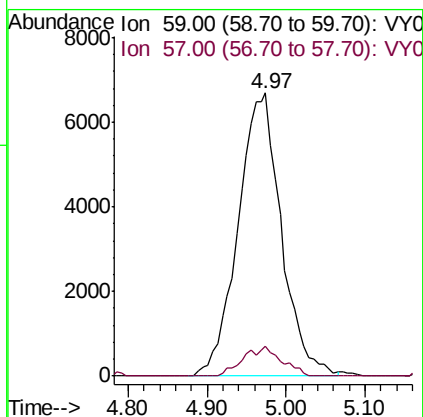
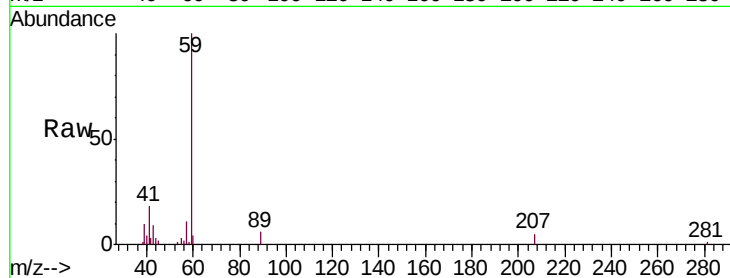




#11
Tert butyl alcohol
Concen: 83.162 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

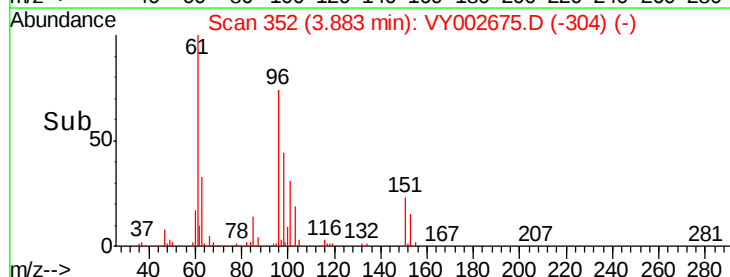
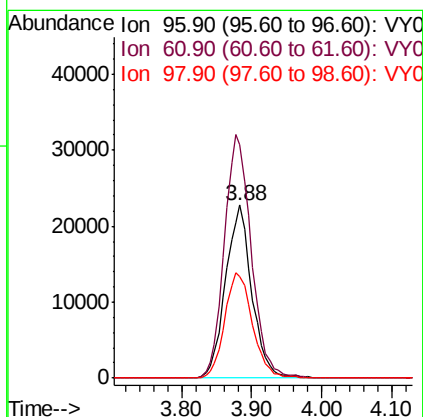
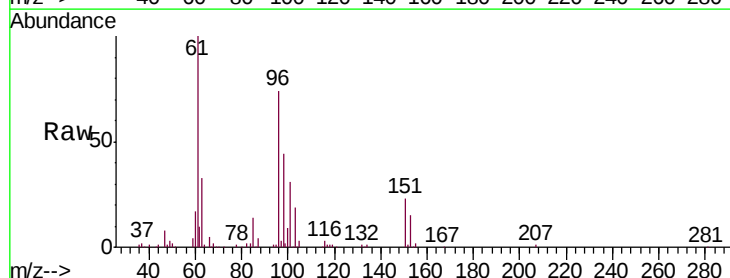
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

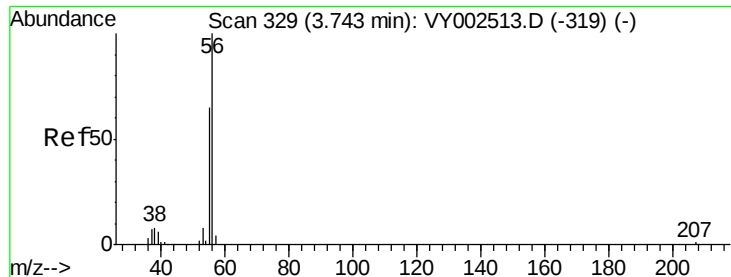
Tgt Ion: 59 Resp: 25488
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.6



#12
1,1-Dichloroethene
Concen: 19.478 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

Tgt Ion: 96 Resp: 59407
Ion Ratio Lower Upper
96 100
61 134.8 118.8 178.2
98 58.7 49.6 74.4





#13

Acrolein

Concen: 61.065 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

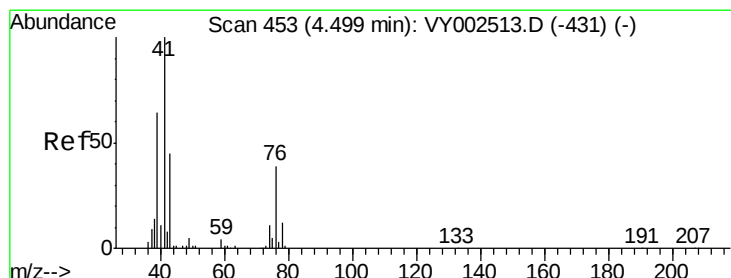
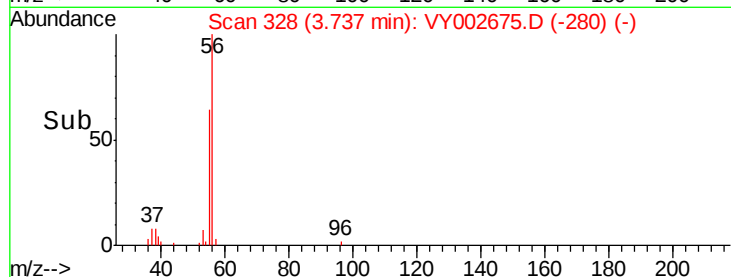
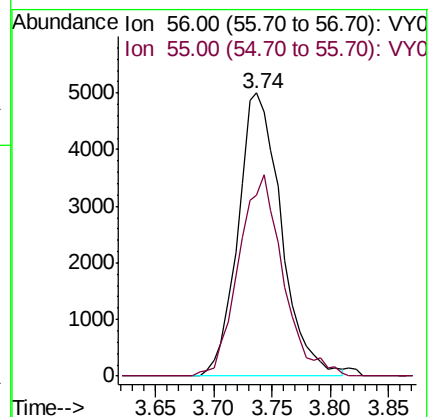
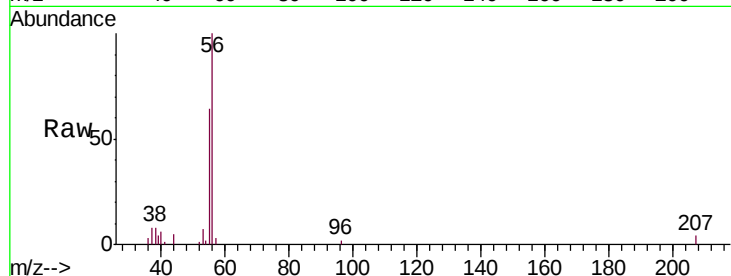
VY0513SBS01

Tgt Ion: 56 Resp: 12942

Ion Ratio Lower Upper

56 100

55 72.7 53.8 80.6



#14

Allyl chloride

Concen: 20.244 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

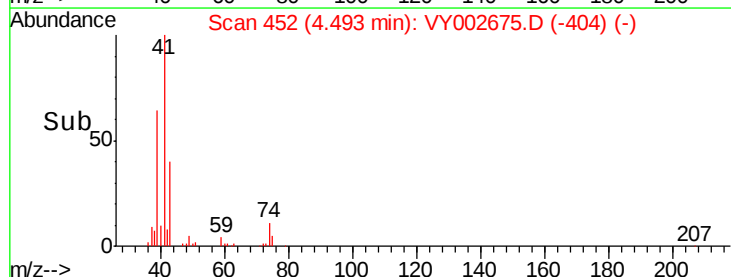
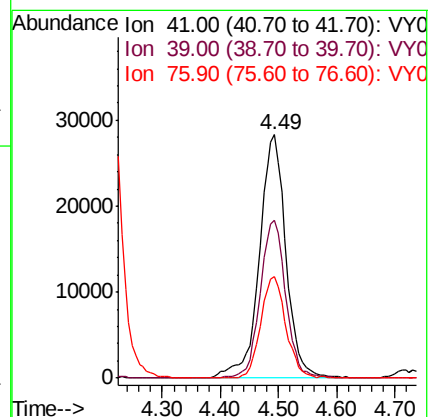
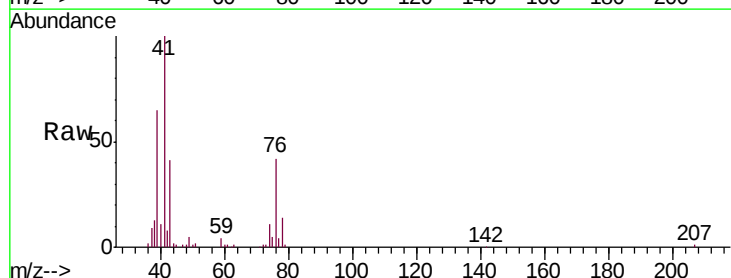
Tgt Ion: 41 Resp: 89961

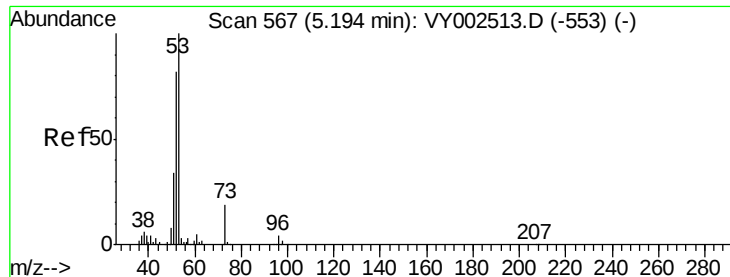
Ion Ratio Lower Upper

41 100

39 62.6 51.8 77.6

76 39.5 31.7 47.5

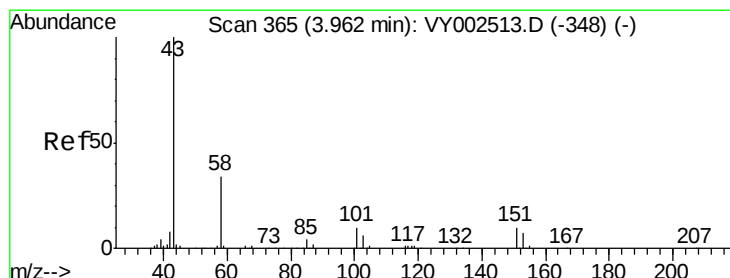
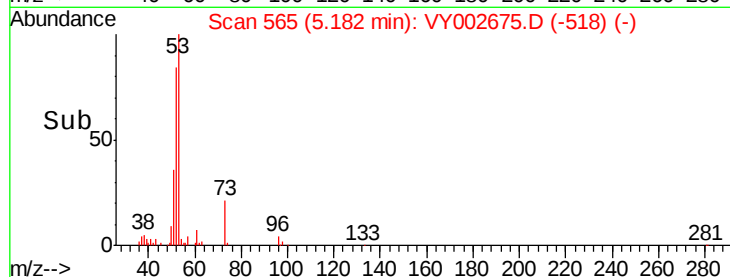
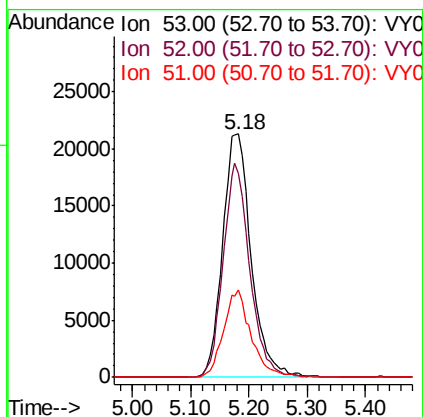
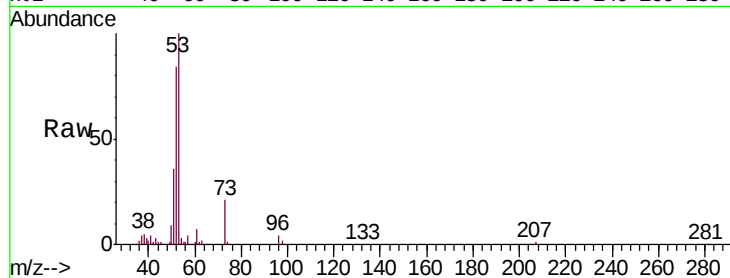




#15
 Acrylonitrile
 Concen: 89.393 ug/l
 RT: 5.18 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

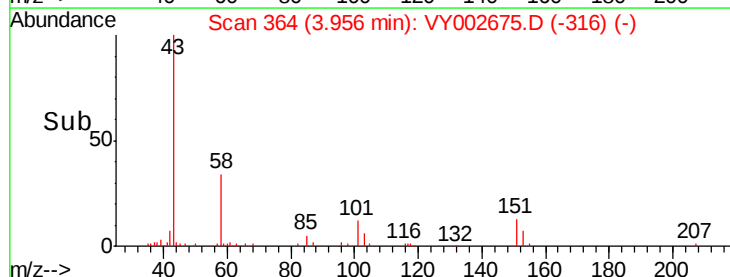
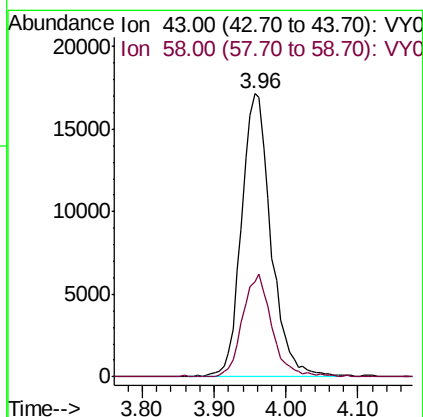
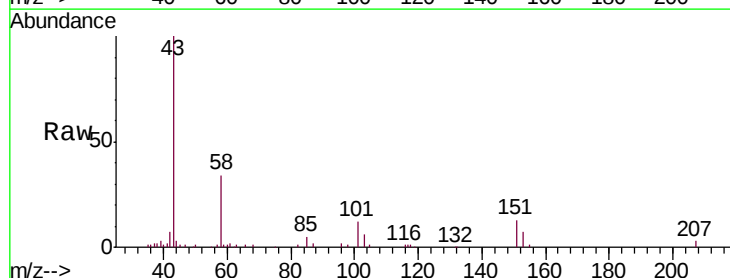
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBSD01

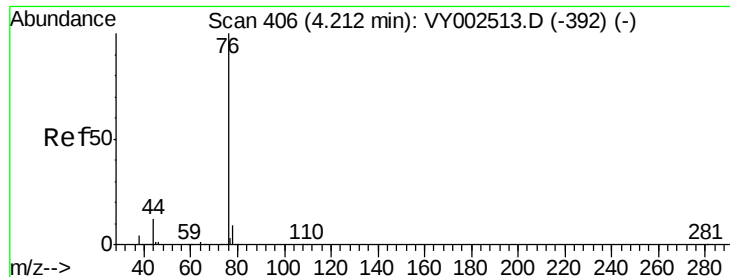
Tgt Ion: 53 Resp: 72773
 Ion Ratio Lower Upper
 53 100
 52 81.6 65.4 98.0
 51 34.5 28.7 43.1



#16
 Acetone
 Concen: 79.454 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

Tgt Ion: 43 Resp: 48848
 Ion Ratio Lower Upper
 43 100
 58 33.6 26.9 40.3





#17

Carbon Disulfide

Concen: 17.083 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

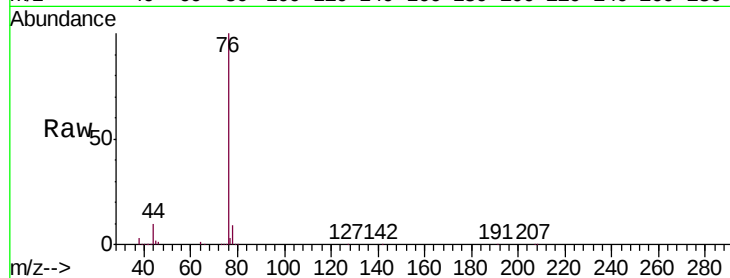
VY0513SBS01

Tgt Ion: 76 Resp: 156742

Ion Ratio Lower Upper

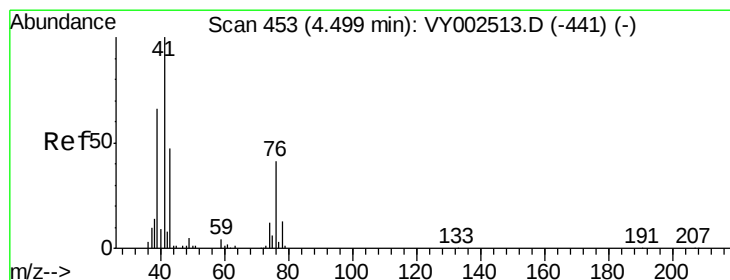
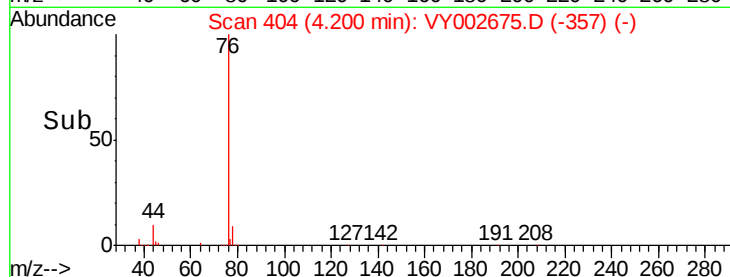
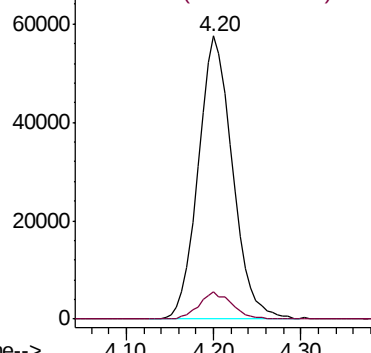
76 100

78 9.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 17.379 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002675.D

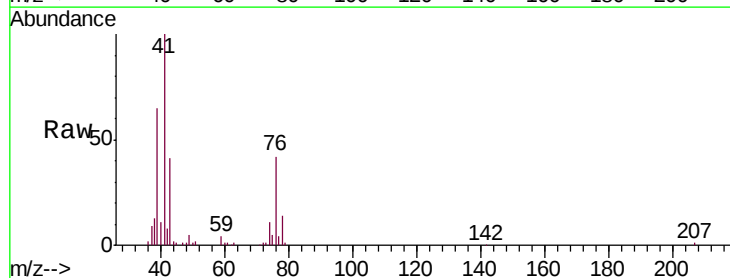
Acq: 13 May 2020 11:41

Tgt Ion: 43 Resp: 35699

Ion Ratio Lower Upper

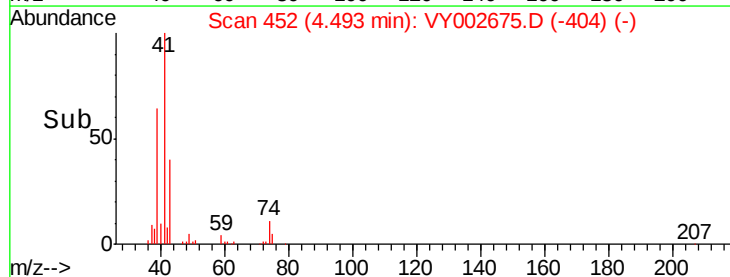
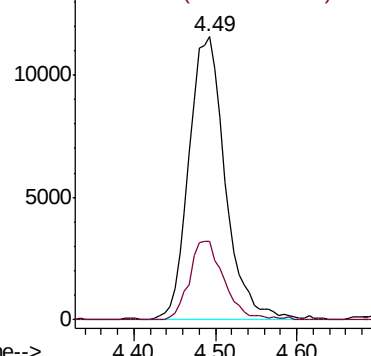
43 100

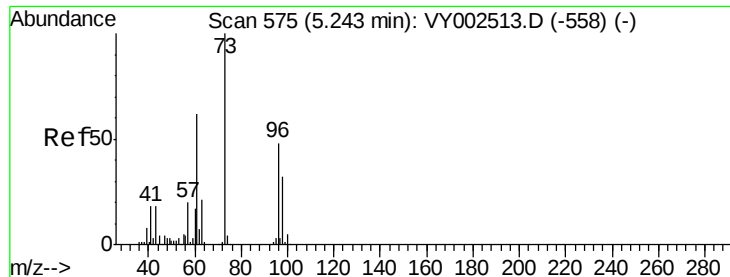
74 26.3 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#19

Methyl tert-butyl Ether

Concen: 18.682 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

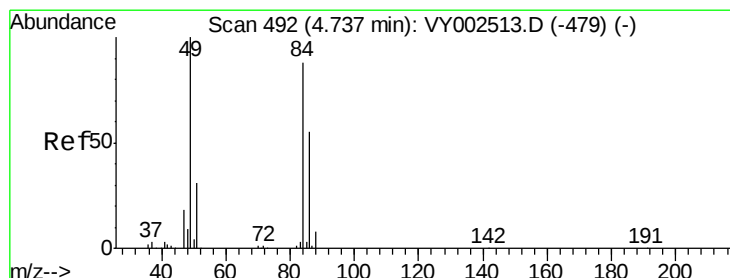
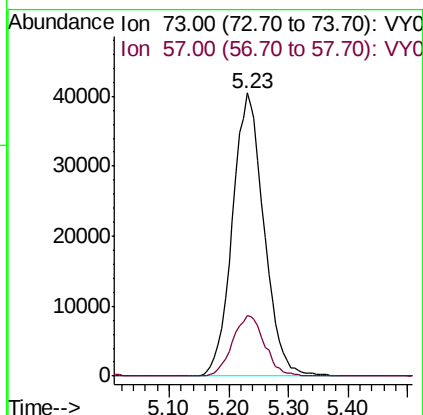
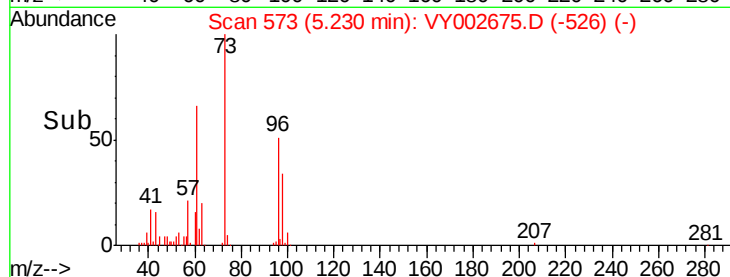
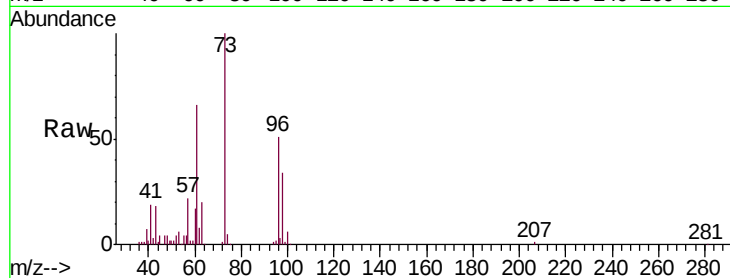
VY0513SBS01

Tgt Ion: 73 Resp: 148657

Ion Ratio Lower Upper

73 100

57 21.6 16.3 24.5



#20

Methylene Chloride

Concen: 19.333 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Tgt Ion: 84 Resp: 66466

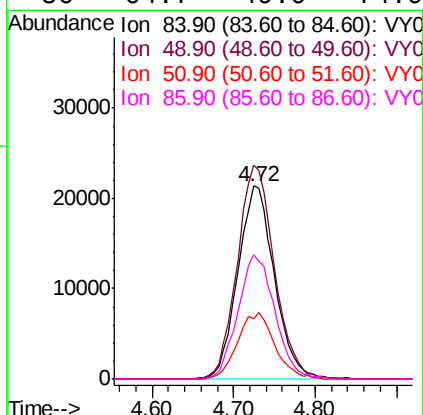
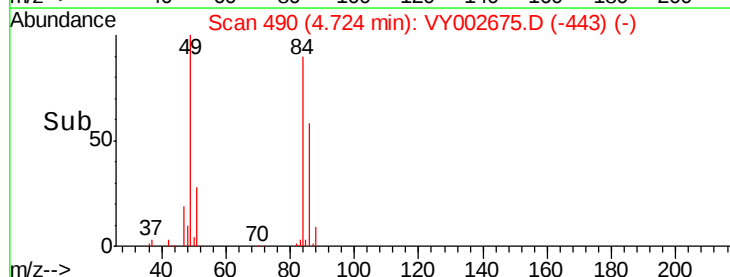
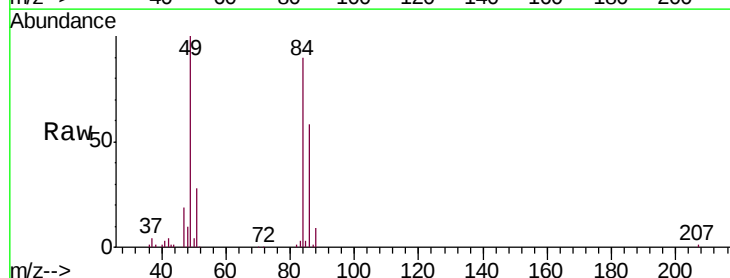
Ion Ratio Lower Upper

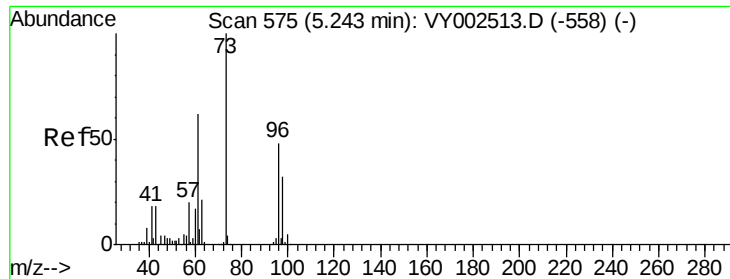
84 100

49 110.8 90.5 135.7

51 31.4 28.3 42.5

86 64.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.815 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.02 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

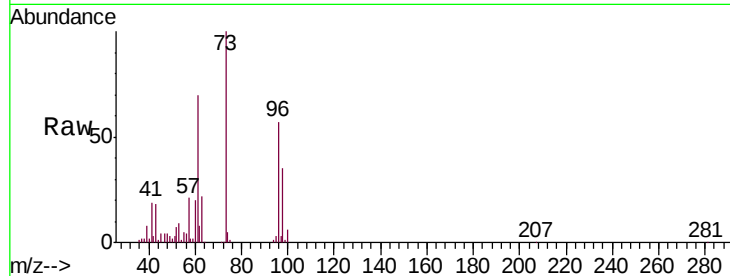
Tgt Ion: 96 Resp: 66053

Ion Ratio Lower Upper

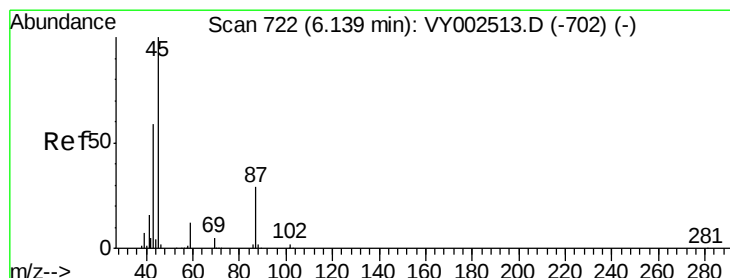
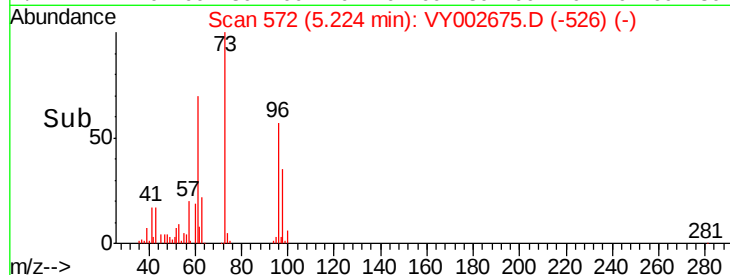
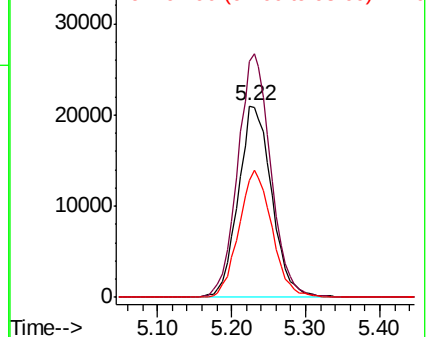
96 100

61 123.4 102.0 153.0

98 61.1 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: 20.791 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Tgt Ion: 45 Resp: 186944

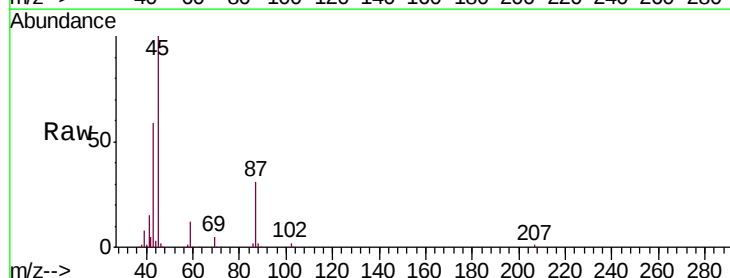
Ion Ratio Lower Upper

45 100

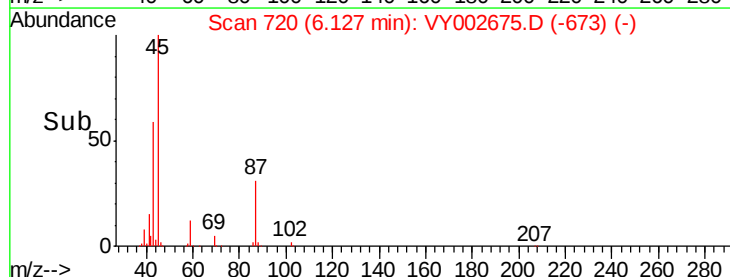
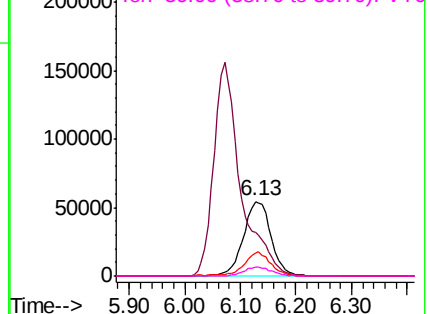
43 58.5 47.4 71.0

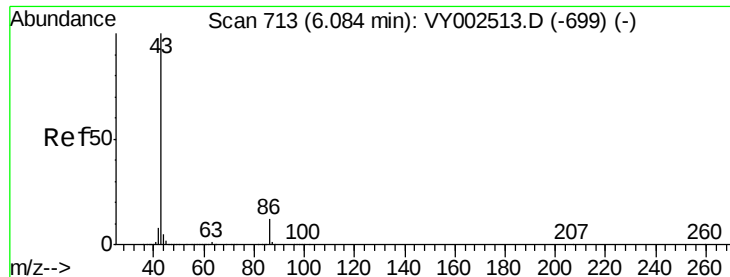
87 31.4 24.0 36.0

59 12.0 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

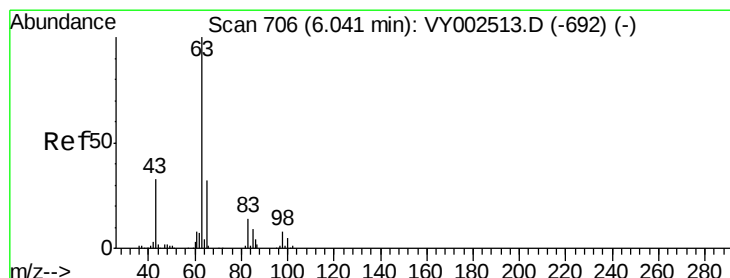
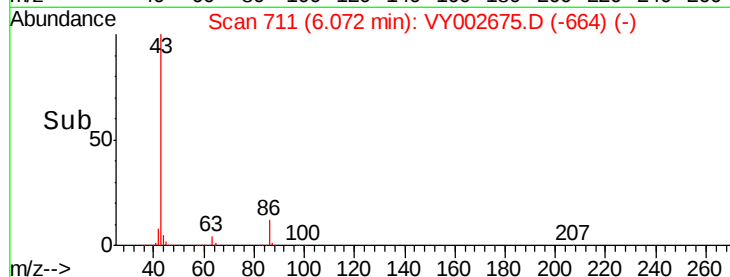
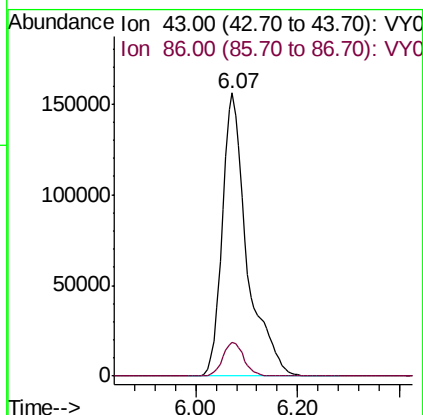
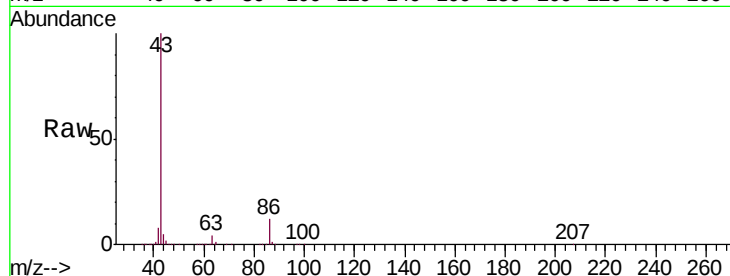




#23
 Vinyl Acetate
 Concen: 92.885 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

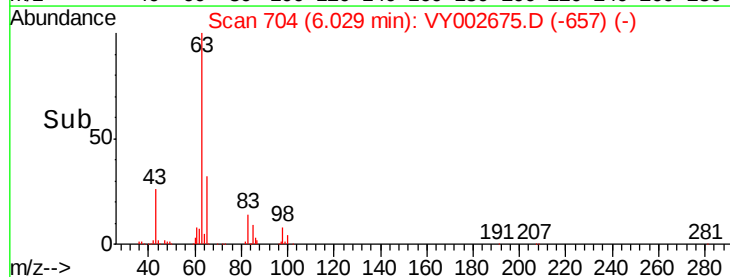
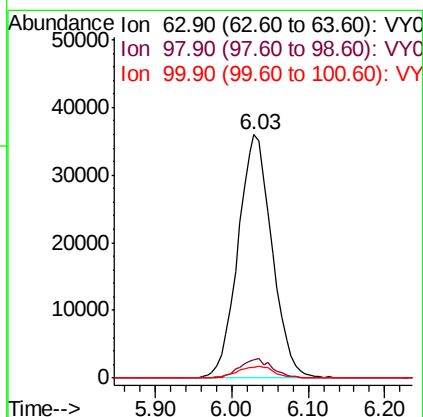
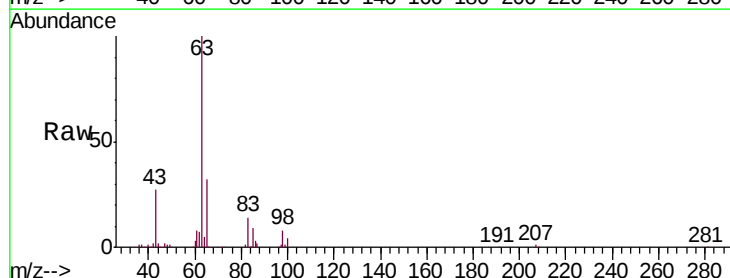
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

Tgt Ion: 43 Resp: 525246
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 20.864 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

Tgt Ion: 63 Resp: 110984
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 85.369 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

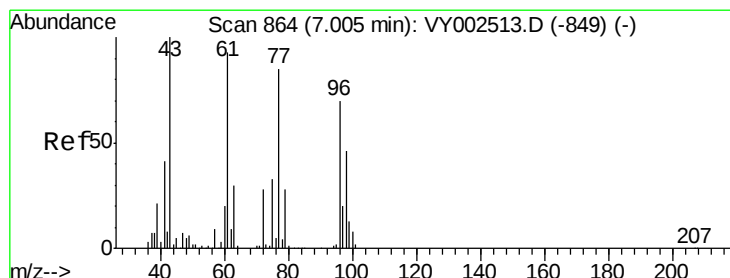
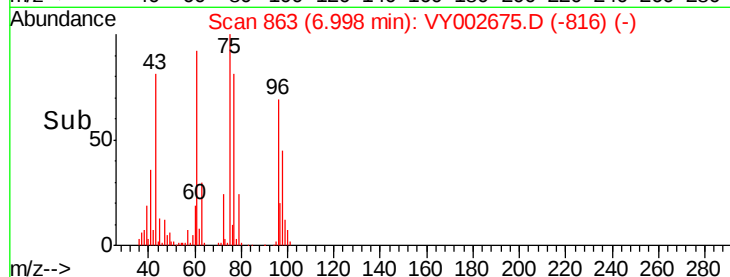
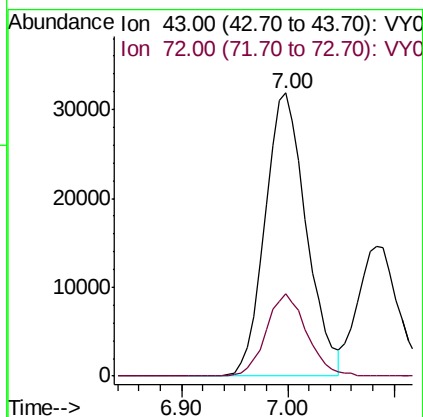
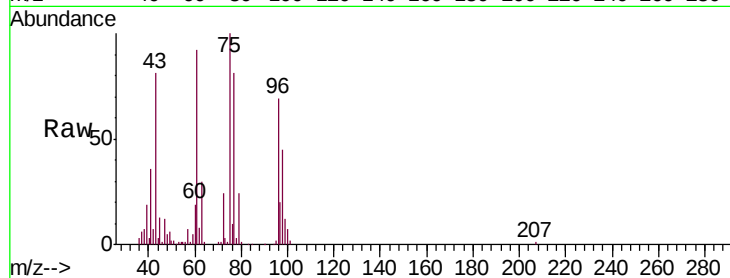
VY0513SBS01

Tgt Ion: 43 Resp: 85914

Ion Ratio Lower Upper

43 100

72 29.0 24.1 36.1



#26

2,2-Dichloropropane

Concen: 20.739 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002675.D

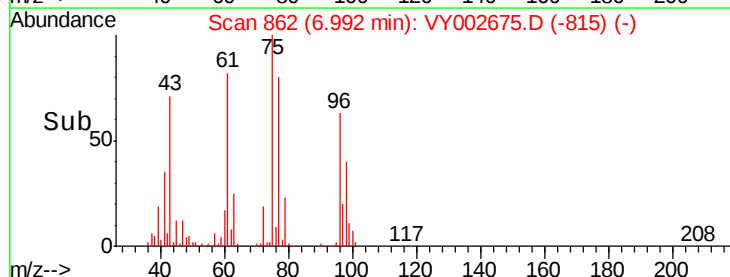
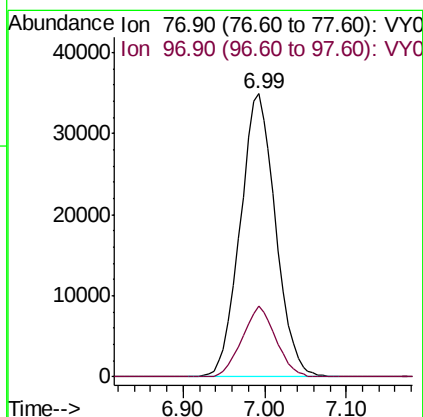
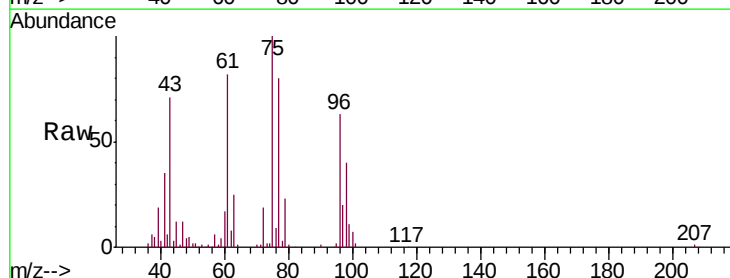
Acq: 13 May 2020 11:41

Tgt Ion: 77 Resp: 104864

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.5

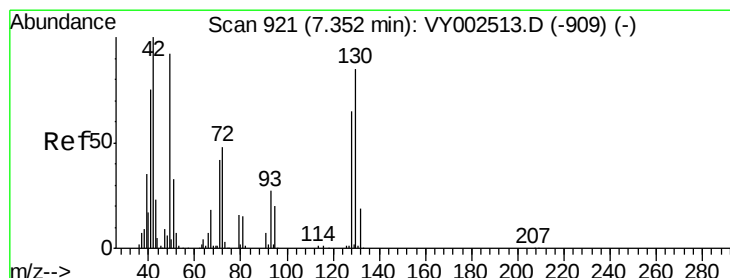
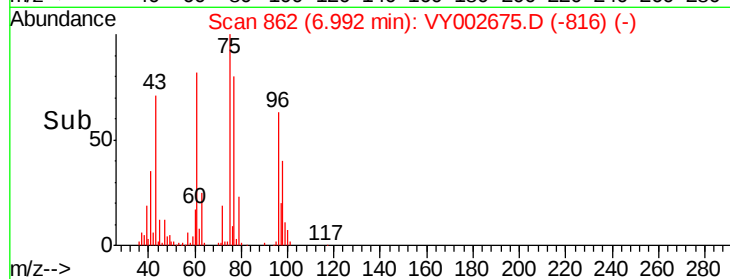
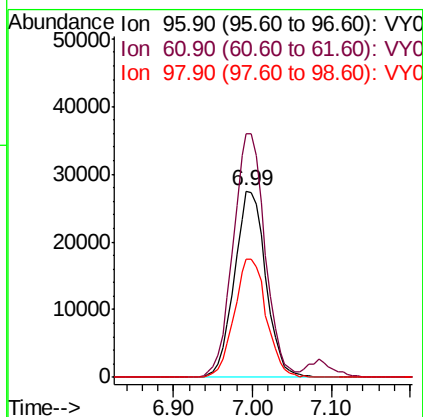
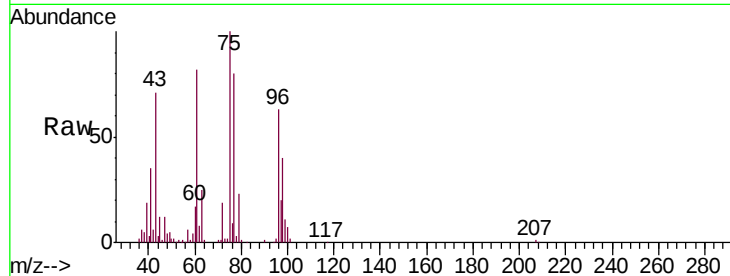




#27
 cis-1,2-Dichloroethene
 Concen: 20.682 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.02 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

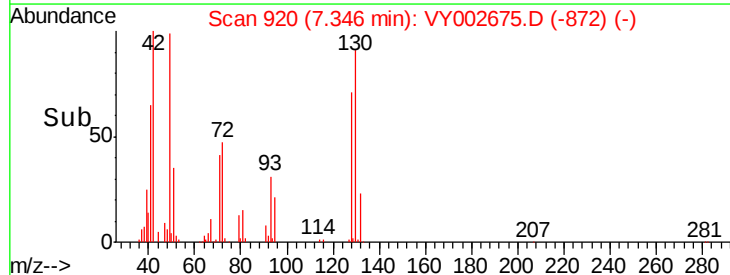
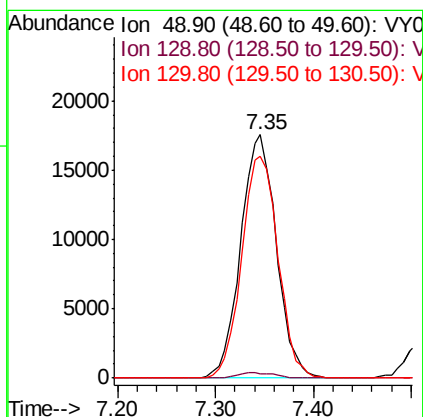
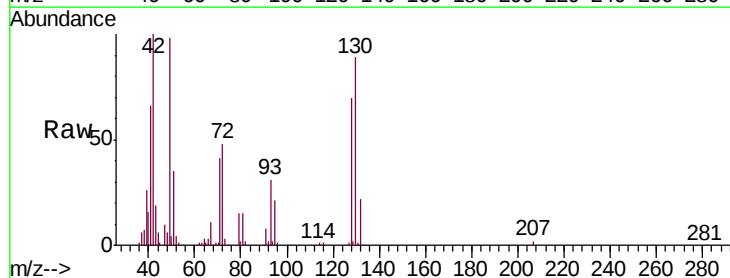
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

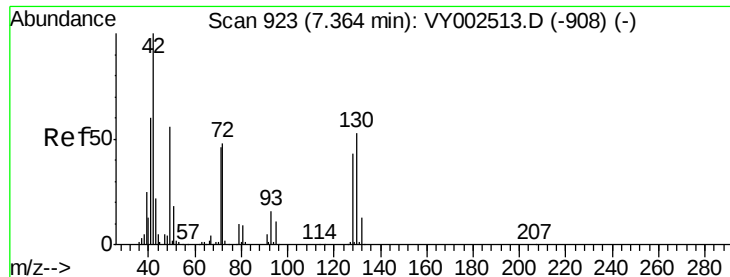
Tgt Ion: 96 Resp: 76286
 Ion Ratio Lower Upper
 96 100
 61 132.6 0.0 266.6
 98 64.7 0.0 129.2



#28
 Bromochloromethane
 Concen: 20.398 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

Tgt Ion: 49 Resp: 44457
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 93.0 72.5 108.7





#29

Tetrahydrofuran

Concen: 87.468 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

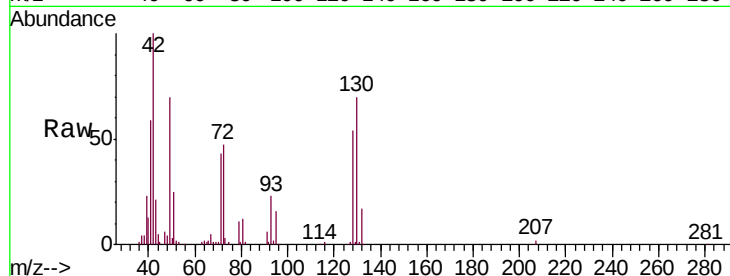
Tgt Ion: 42 Resp: 58240

Ion Ratio Lower Upper

42 100

72 47.4 37.4 56.2

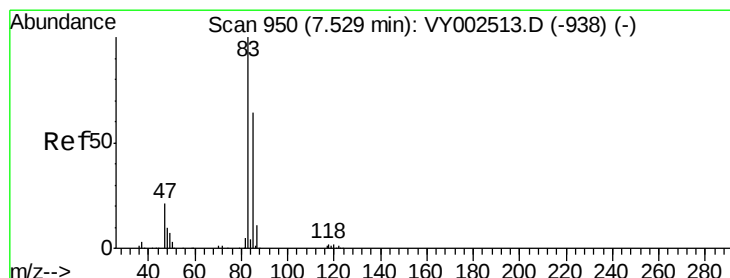
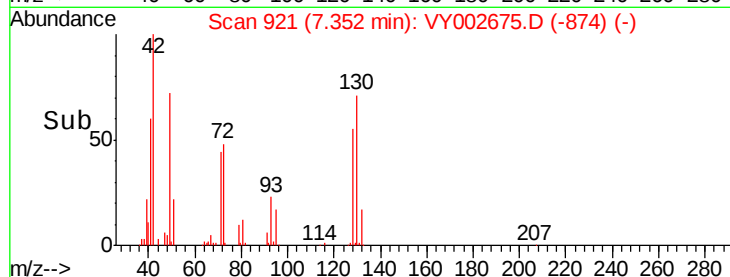
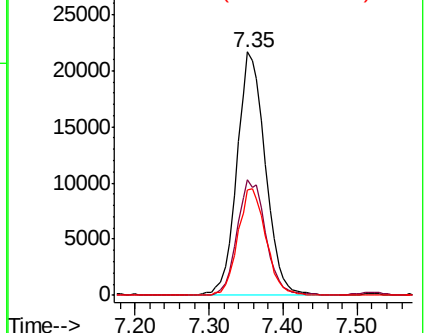
71 43.1 35.0 52.4



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: 20.563 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY002675.D

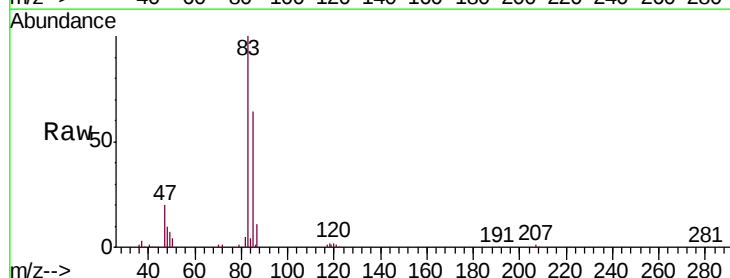
Acq: 13 May 2020 11:41

Tgt Ion: 83 Resp: 113736

Ion Ratio Lower Upper

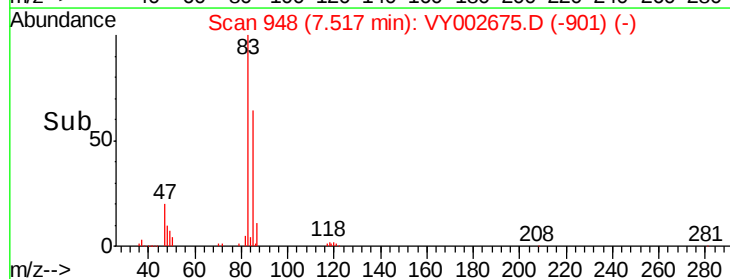
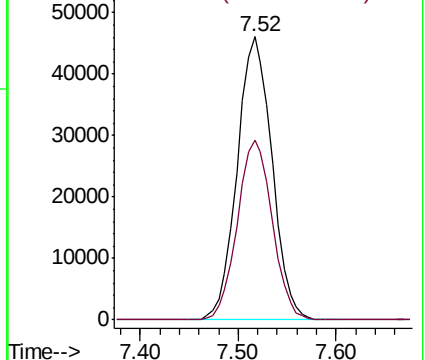
83 100

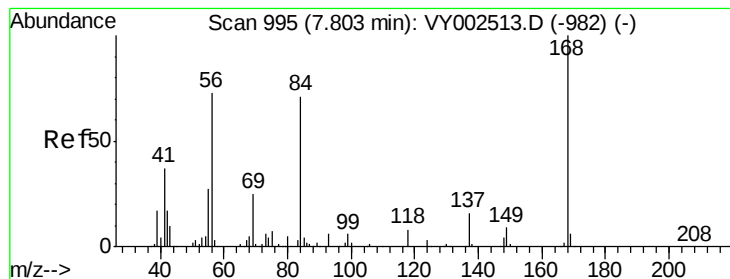
85 63.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 19.003 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

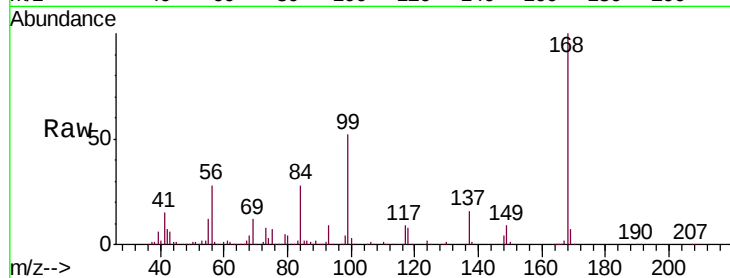
Tgt Ion: 56 Resp: 101747

Ion Ratio Lower Upper

56 100

69 41.2 27.6 41.4

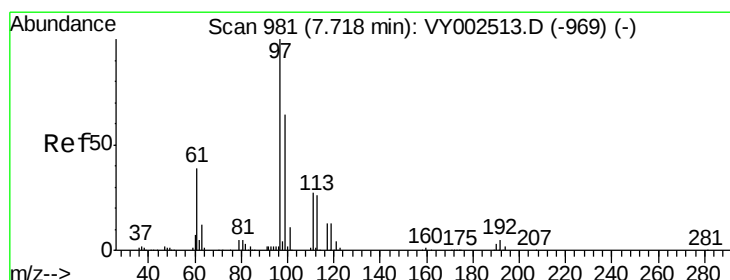
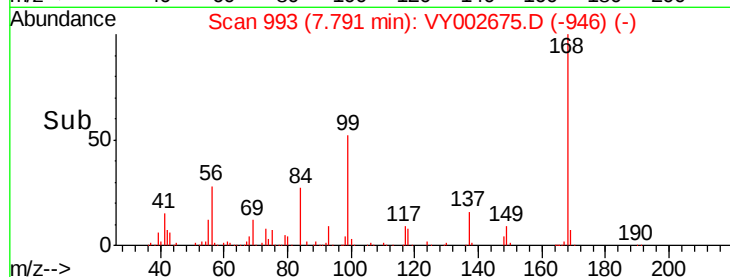
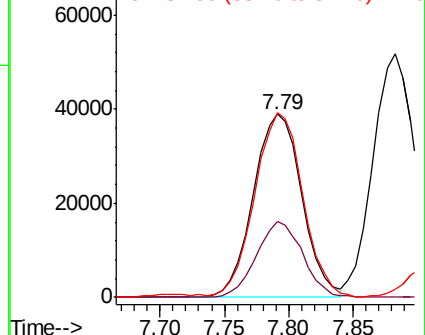
84 99.6 77.7 116.5



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: 20.099 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

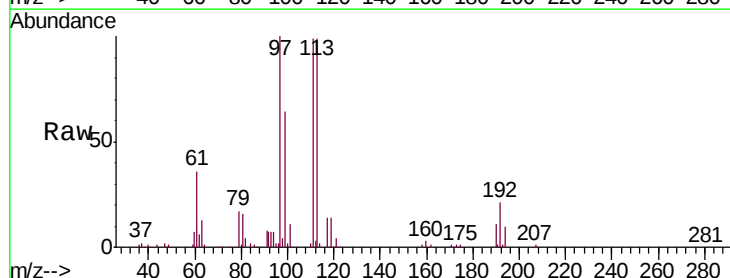
Tgt Ion: 97 Resp: 103325

Ion Ratio Lower Upper

97 100

99 65.5 51.9 77.9

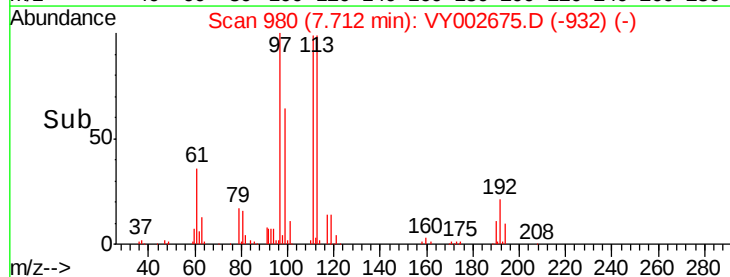
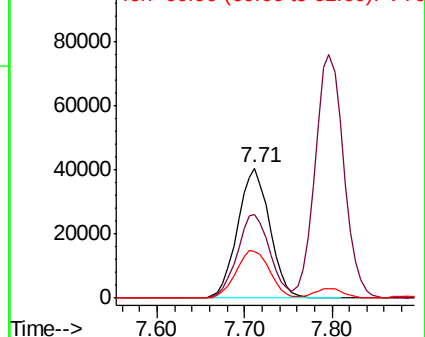
61 38.8 31.0 46.6

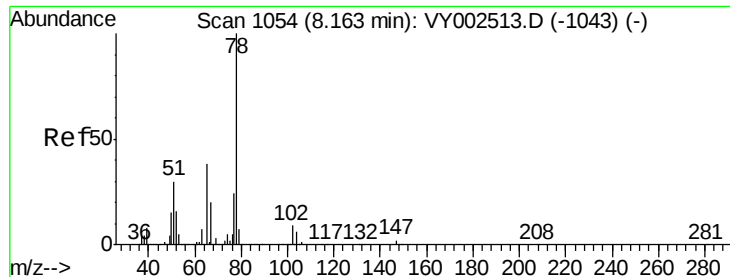


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

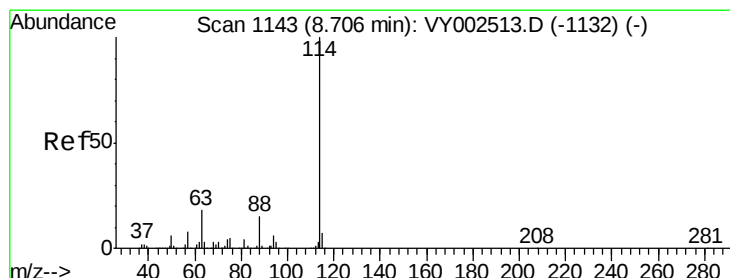
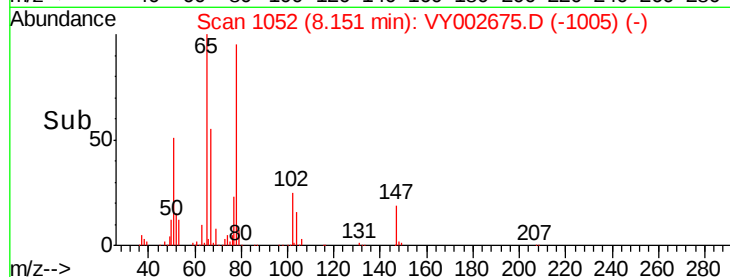
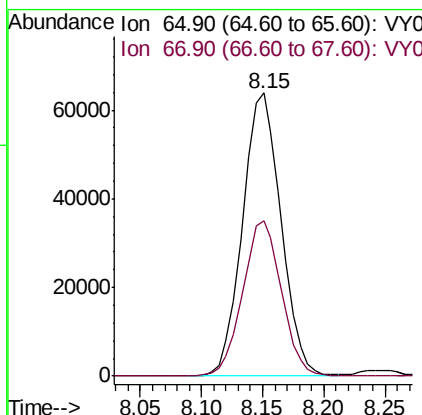
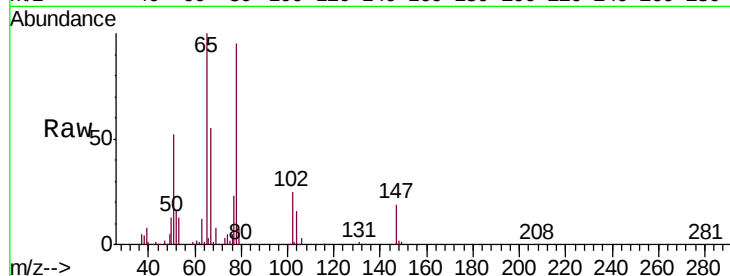




#33
 1,2-Dichloroethane-d4
 Concen: 46.919 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

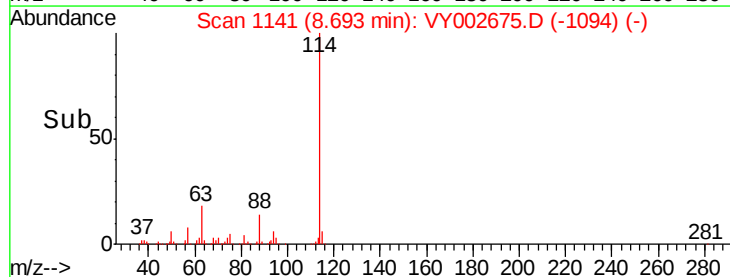
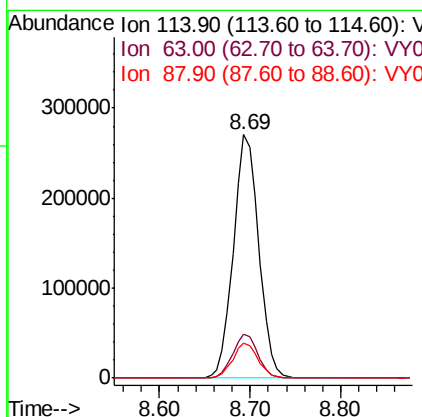
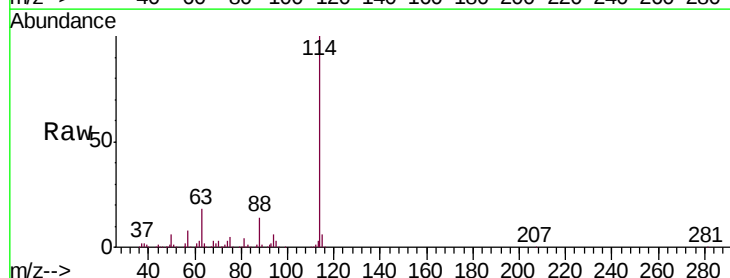
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

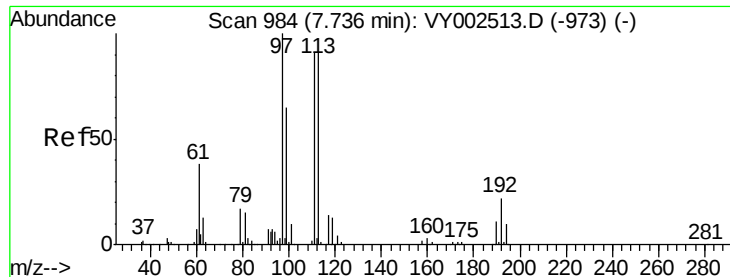
Tgt Ion: 65 Resp: 139771
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

Tgt Ion: 114 Resp: 523587
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.4
 88 14.1 0.0 29.6

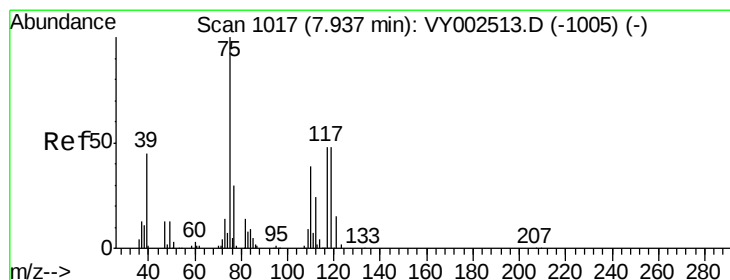
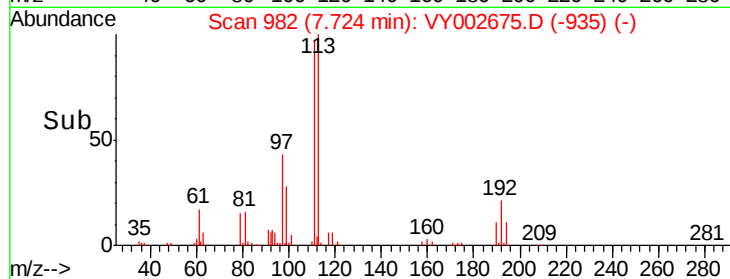
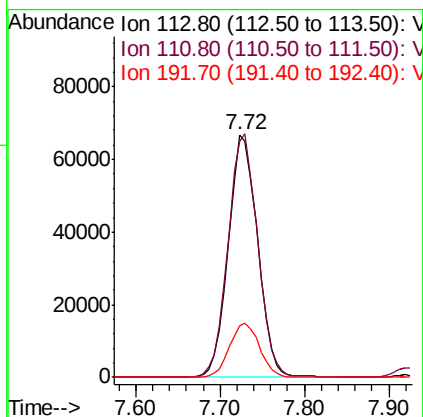
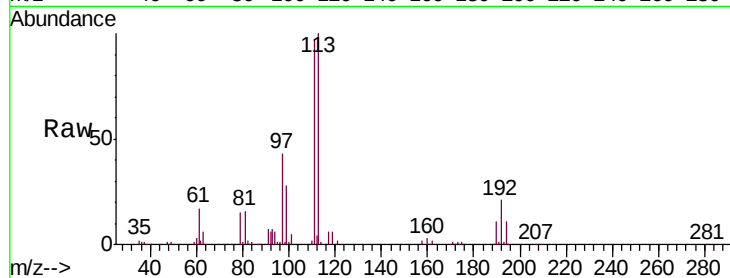




#35
 Dibromofluoromethane
 Concen: 52.562 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

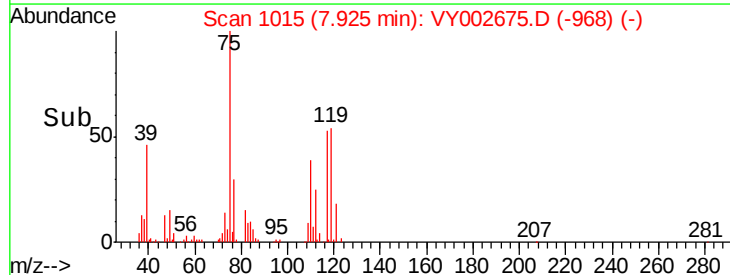
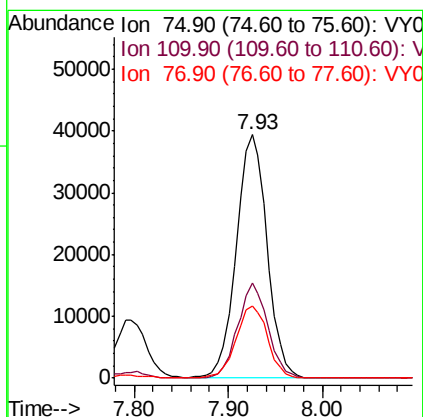
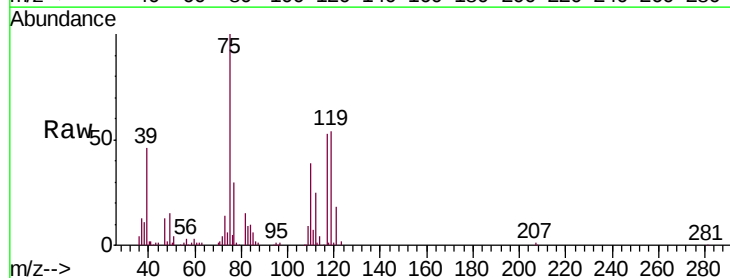
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

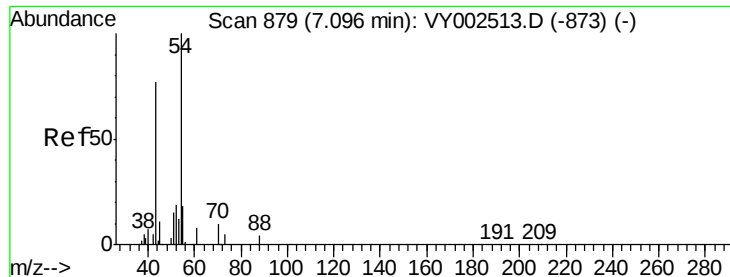
Tgt Ion: 113 Resp: 157393
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.8 122.6
 192 22.8 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 20.447 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

Tgt Ion: 75 Resp: 89749
 Ion Ratio Lower Upper
 75 100
 110 38.1 19.1 57.3
 77 30.4 24.6 37.0

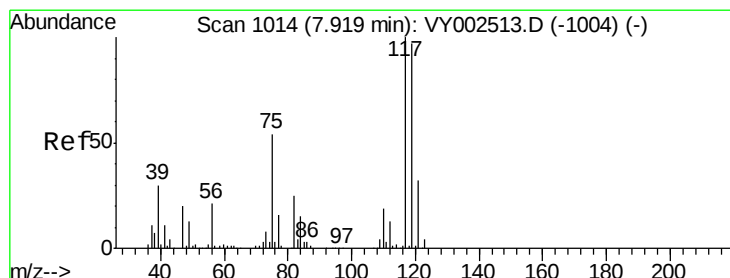
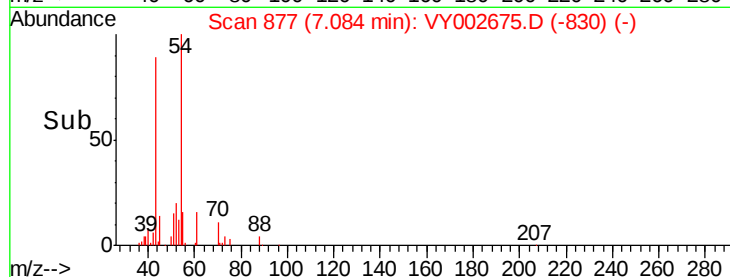
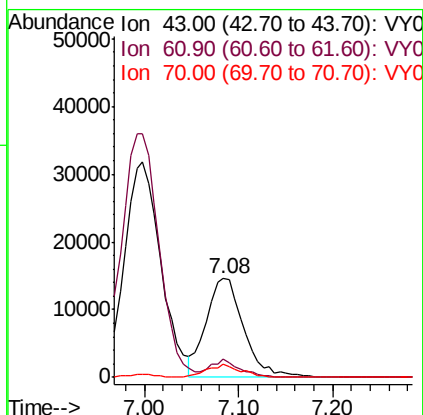
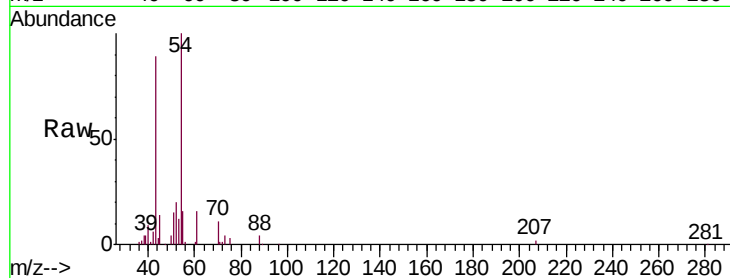




#37
Ethyl Acetate
Concen: 17.744 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

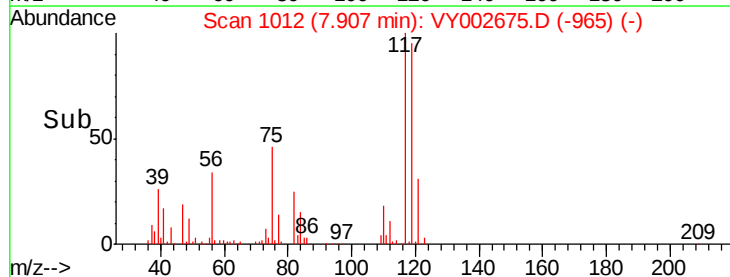
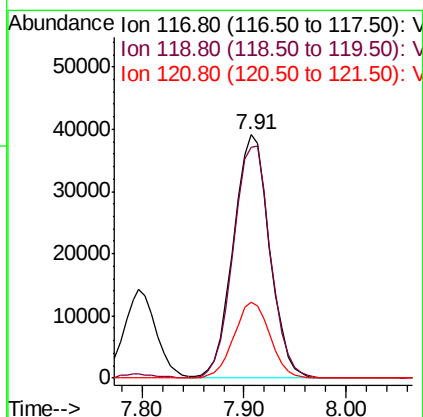
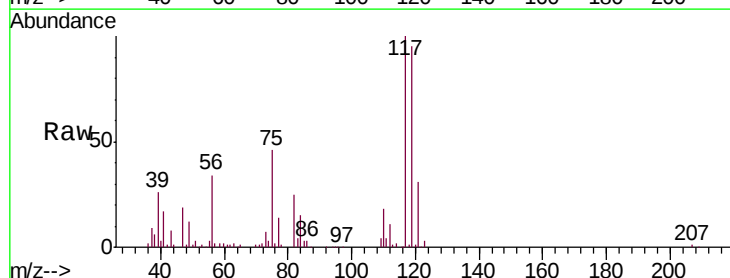
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

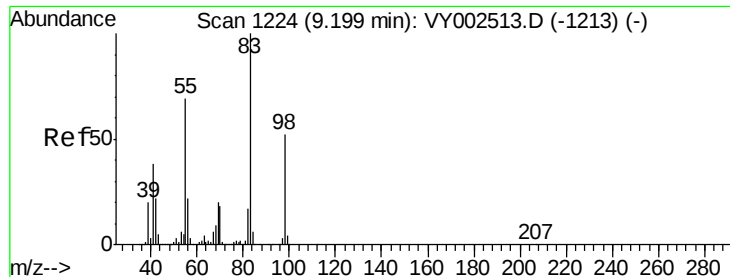
Tgt Ion: 43 Resp: 40022
Ion Ratio Lower Upper
43 100
61 14.0 11.6 17.4
70 11.7 9.0 13.6



#38
Carbon Tetrachloride
Concen: 20.143 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

Tgt Ion: 117 Resp: 96528
Ion Ratio Lower Upper
117 100
119 94.7 77.1 115.7
121 31.0 25.2 37.8

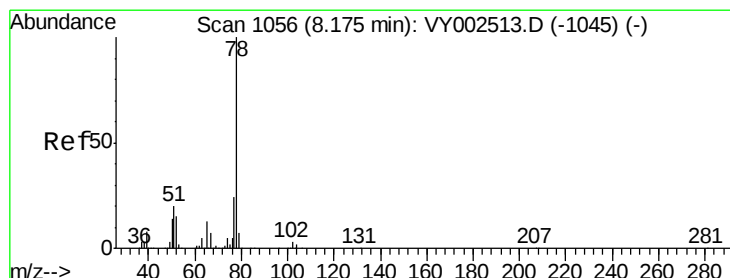
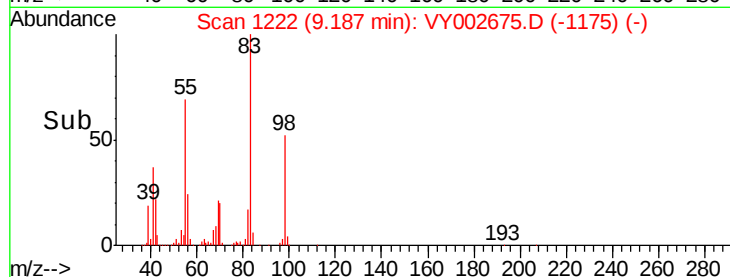
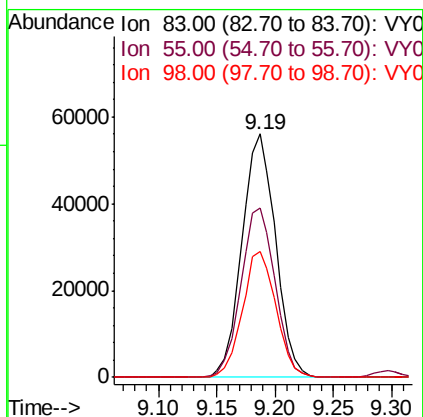
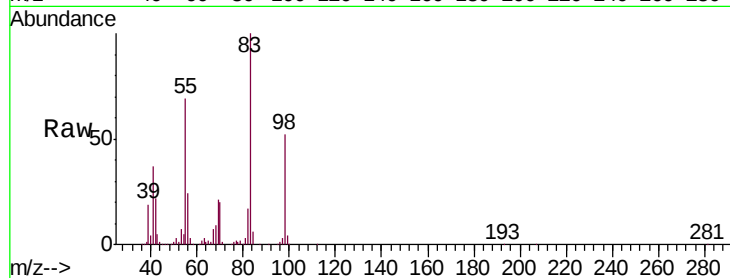




#39
Methylcyclohexane
Concen: 19.544 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

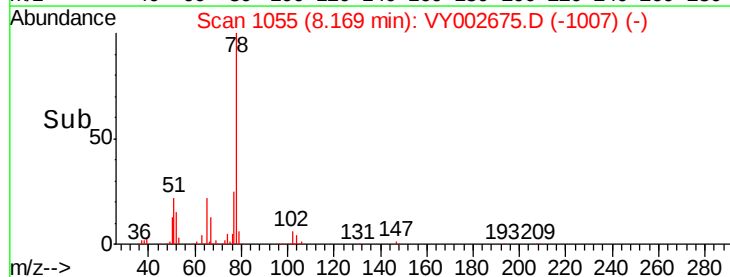
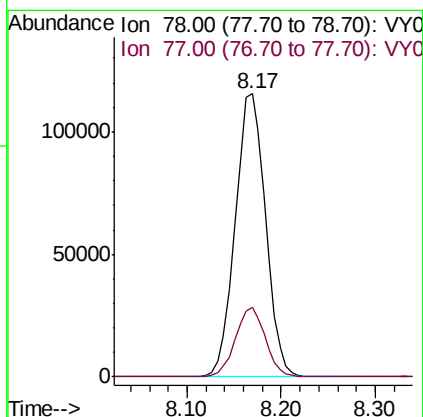
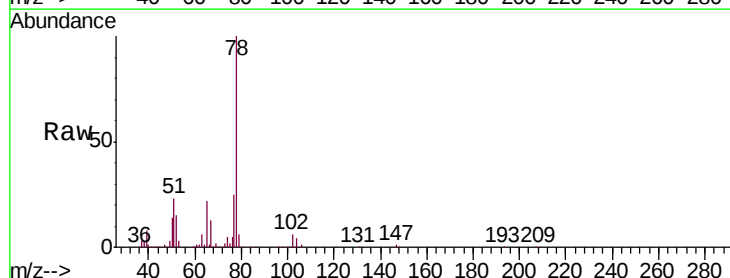
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

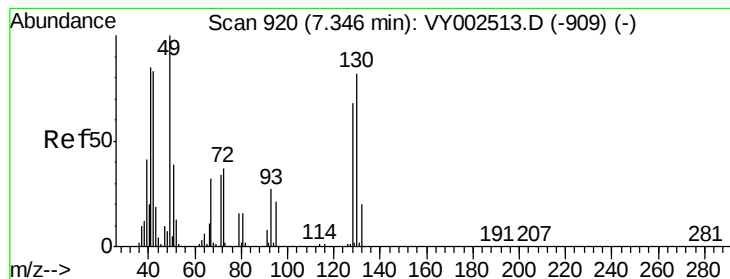
Tgt Ion: 83 Resp: 113305
Ion Ratio Lower Upper
83 100
55 69.3 55.4 83.0
98 51.8 41.3 61.9



#40
Benzene
Concen: 20.474 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

Tgt Ion: 78 Resp: 259553
Ion Ratio Lower Upper
78 100
77 24.7 19.2 28.8





#41

Methacrylonitrile

Concen: 18.909 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

Tgt Ion: 41 Resp: 22932

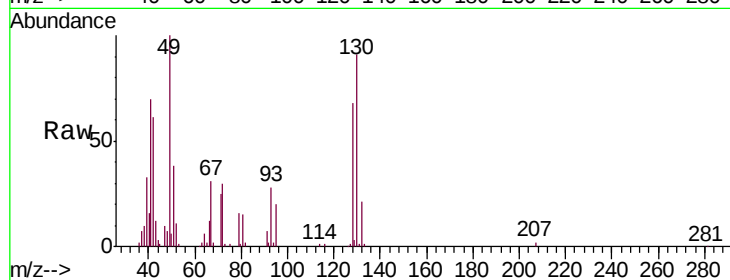
Ion Ratio Lower Upper

41 100

39 0.0 83.1 124.7#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

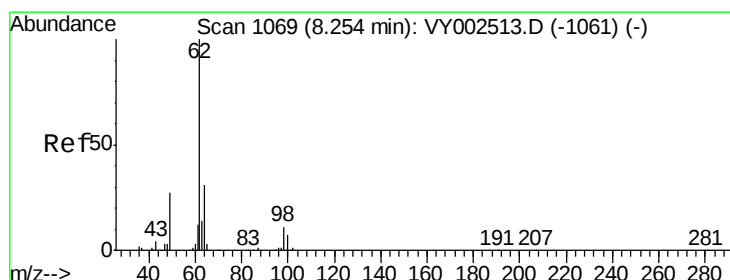
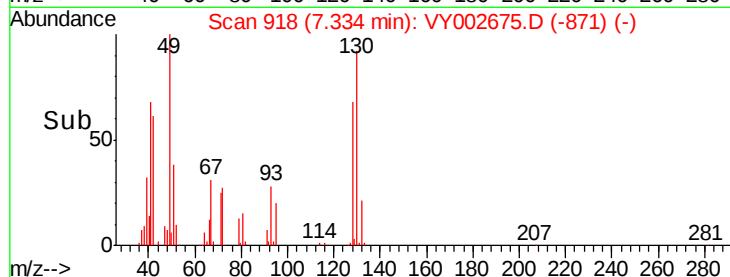
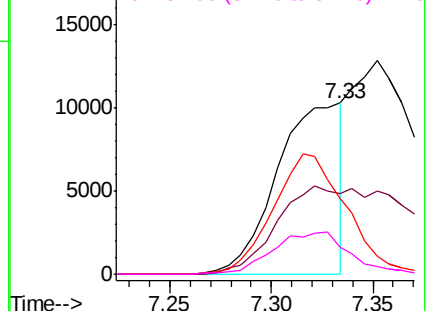


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 18.344 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VY002675.D

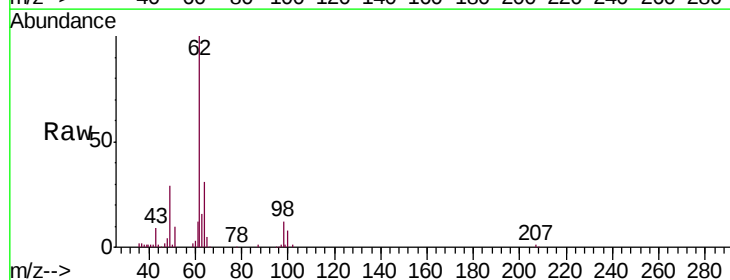
Acq: 13 May 2020 11:41

Tgt Ion: 62 Resp: 65231

Ion Ratio Lower Upper

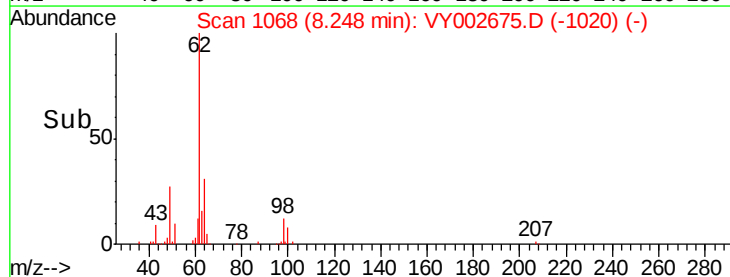
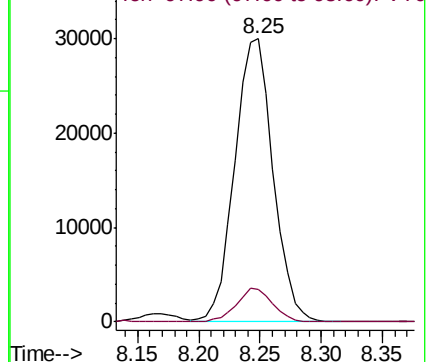
62 100

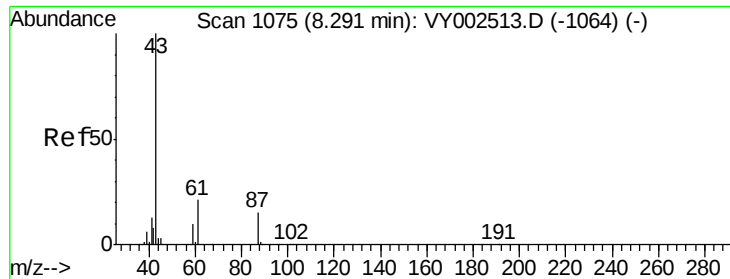
98 11.1 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 17.897 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

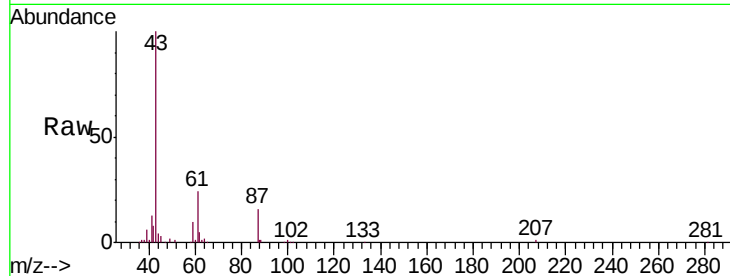
Tgt Ion: 43 Resp: 75676

Ion Ratio Lower Upper

43 100

61 32.2 24.8 37.2

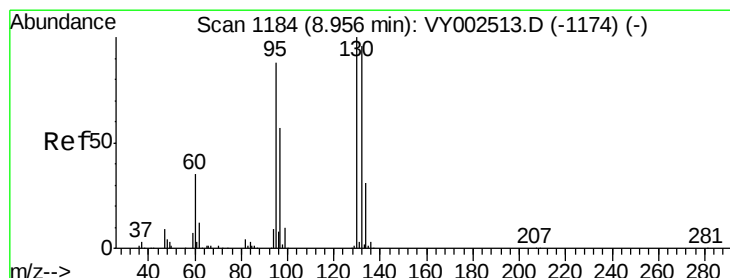
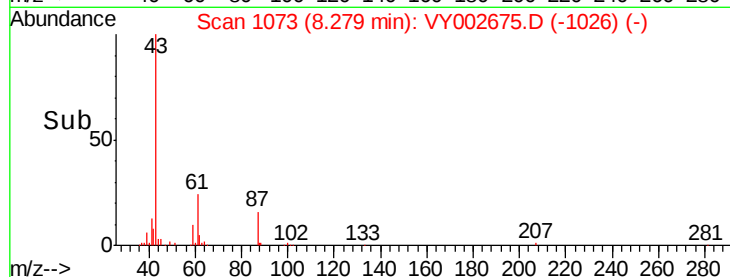
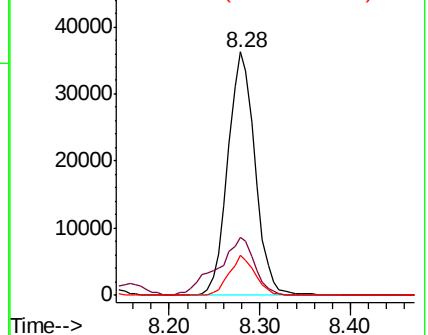
87 15.5 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002675.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY002675.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY002675.D (-1064) (-)



#44

Trichloroethene

Concen: 21.008 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY002675.D

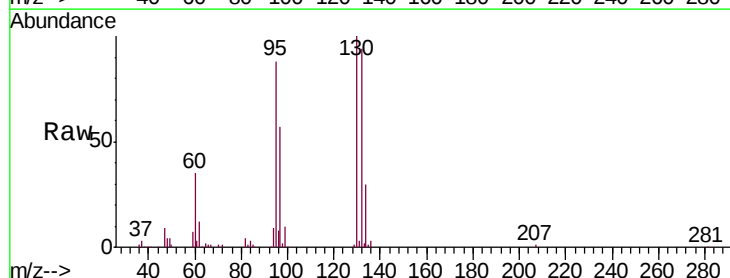
Acq: 13 May 2020 11:41

Tgt Ion: 130 Resp: 83229

Ion Ratio Lower Upper

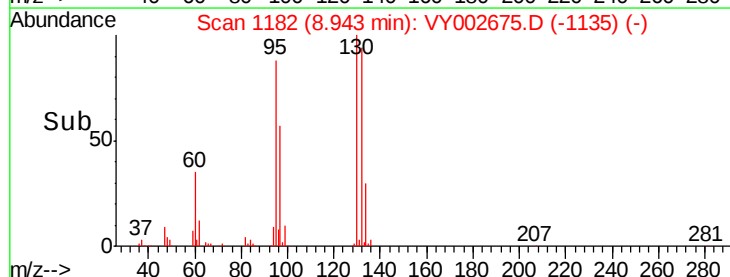
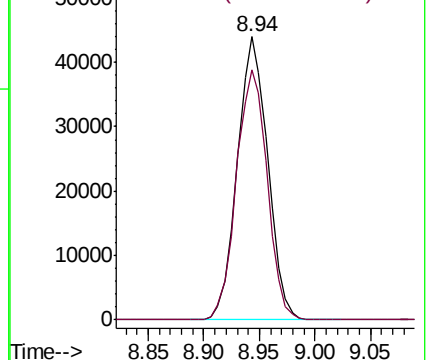
130 100

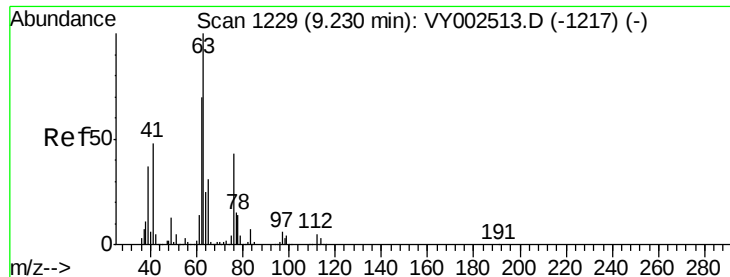
95 88.2 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002675.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002675.D (-1135) (-)

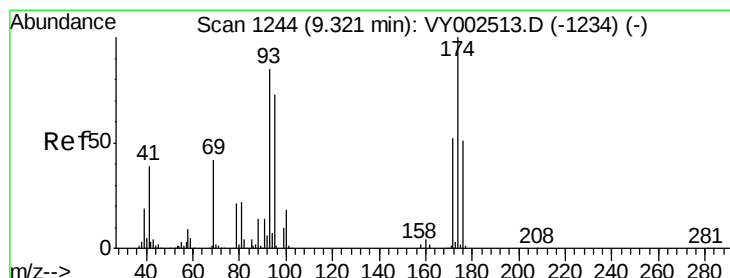
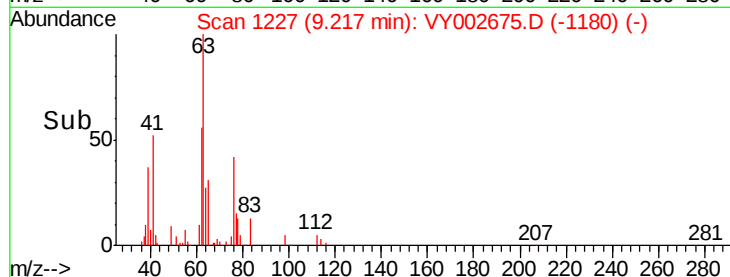
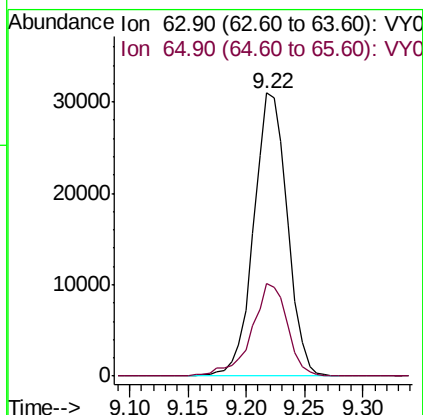
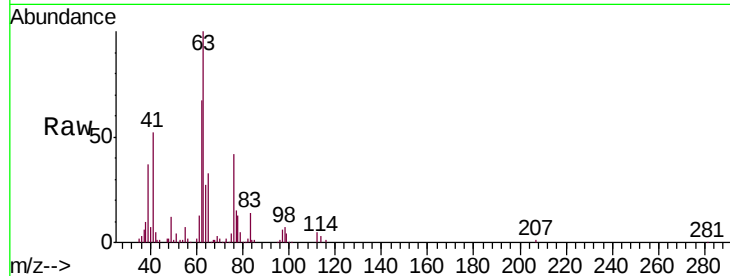




#45
 1,2-Dichloropropane
 Concen: 20.356 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

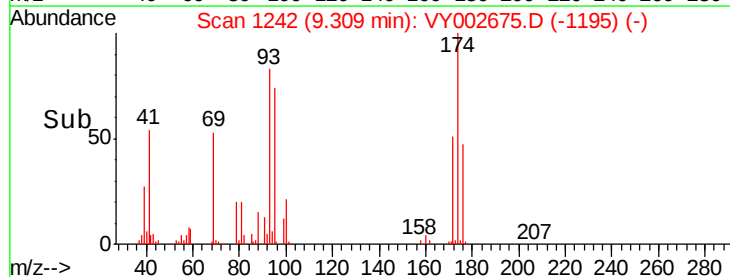
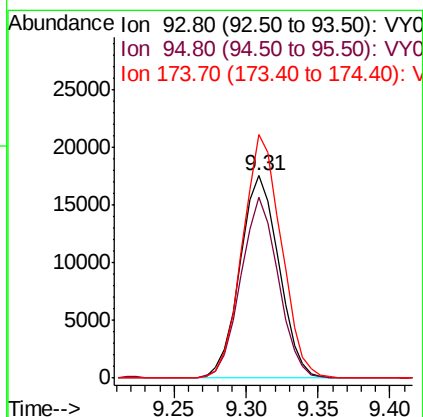
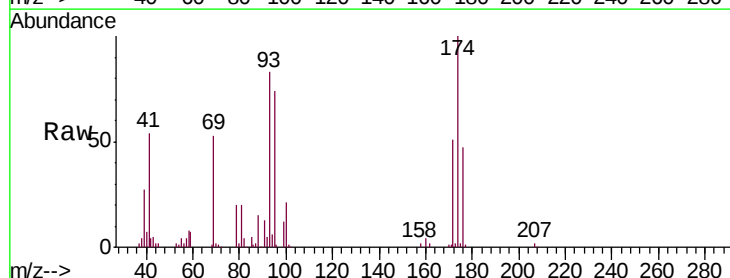
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

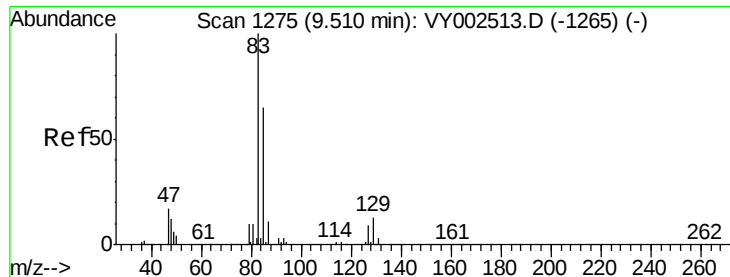
Tgt Ion: 63 Resp: 62280
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.5 36.7



#46
 Dibromomethane
 Concen: 18.672 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

Tgt Ion: 93 Resp: 32869
 Ion Ratio Lower Upper
 93 100
 95 85.7 67.0 100.4
 174 119.5 92.7 139.1





#47

Bromodichloromethane

Concen: 20.199 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

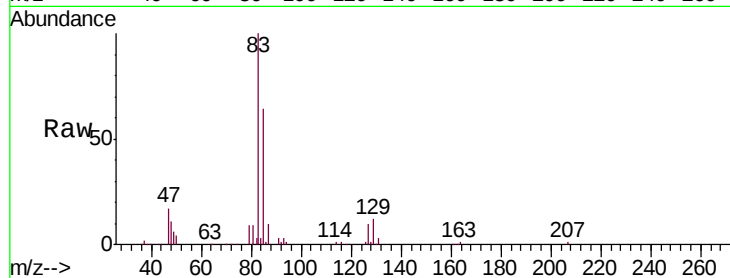
Tgt Ion: 83 Resp: 86458

Ion Ratio Lower Upper

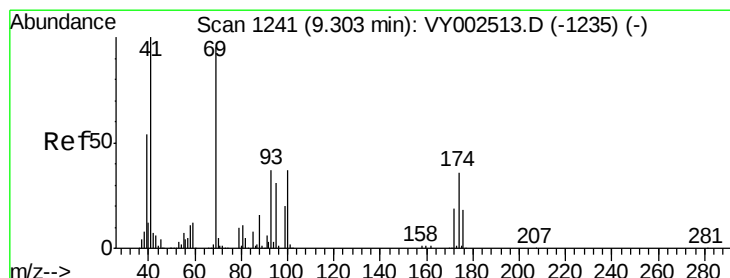
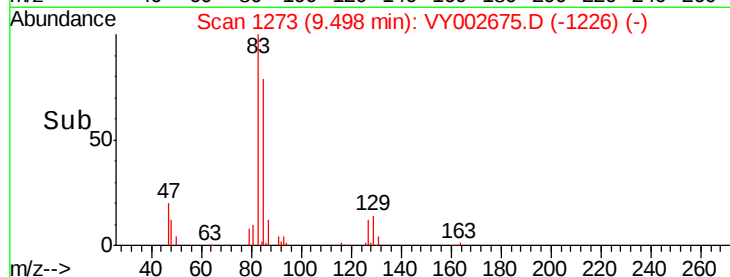
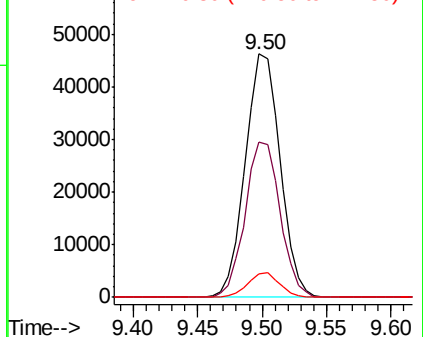
83 100

85 63.8 51.8 77.8

127 9.6 7.4 11.0



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



#48

Methyl methacrylate

Concen: 17.826 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

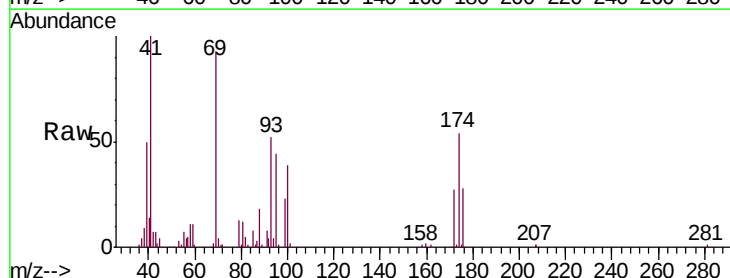
Tgt Ion: 41 Resp: 34114

Ion Ratio Lower Upper

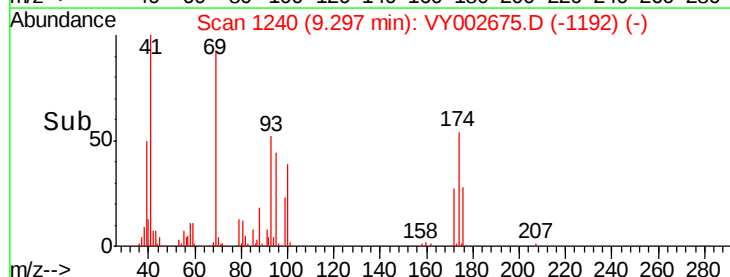
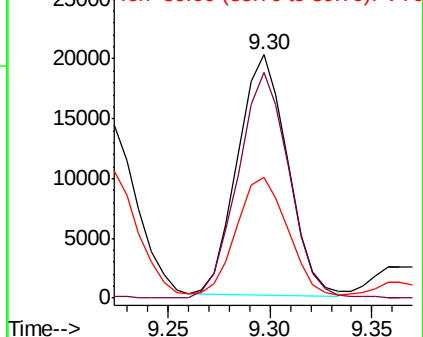
41 100

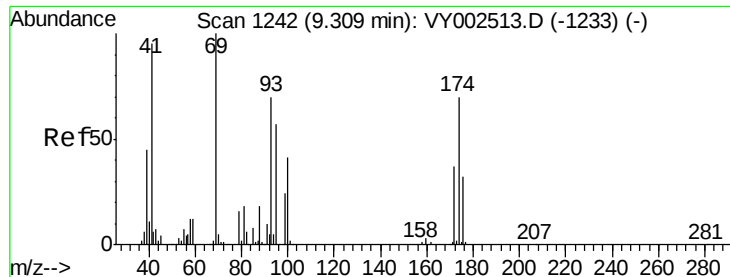
69 96.4 76.2 114.4

39 50.5 42.7 64.1



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

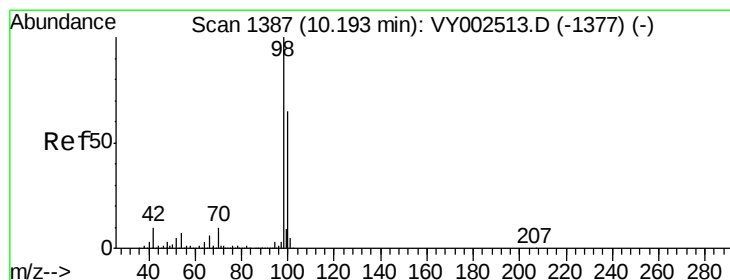
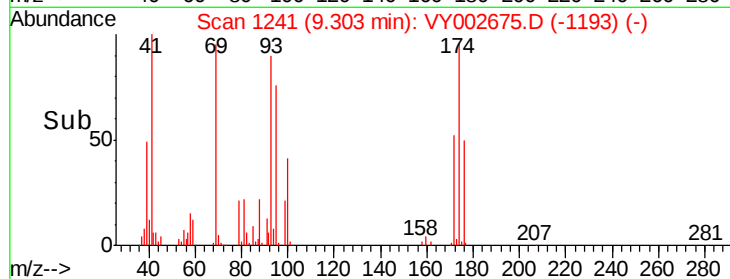
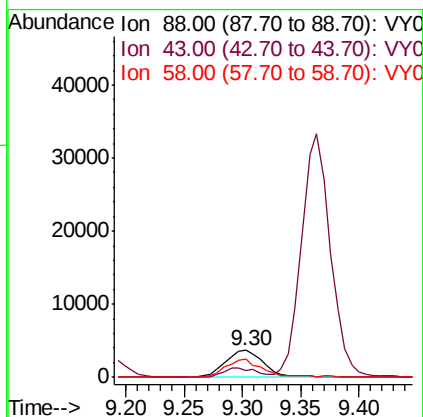
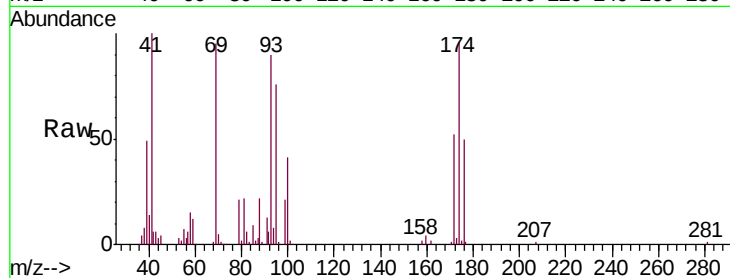




#49
1,4-Dioxane
Concen: 366.359 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

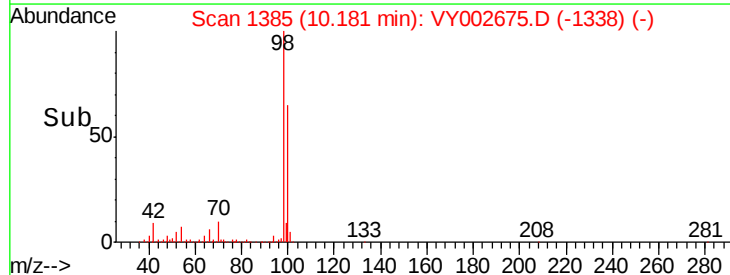
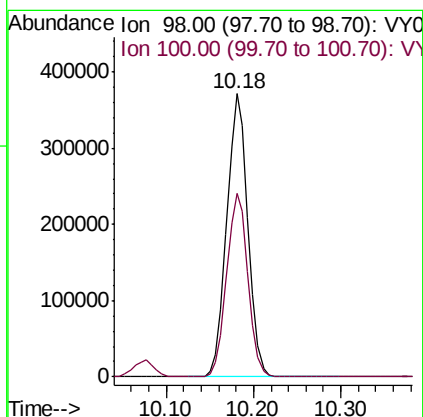
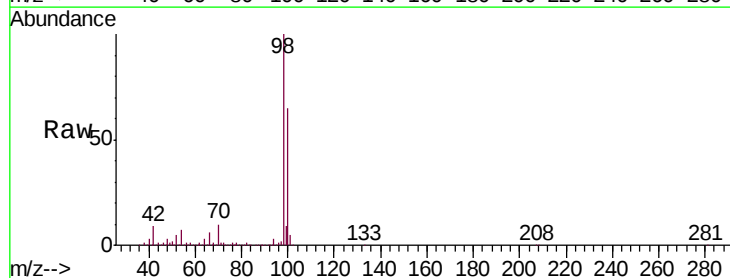
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

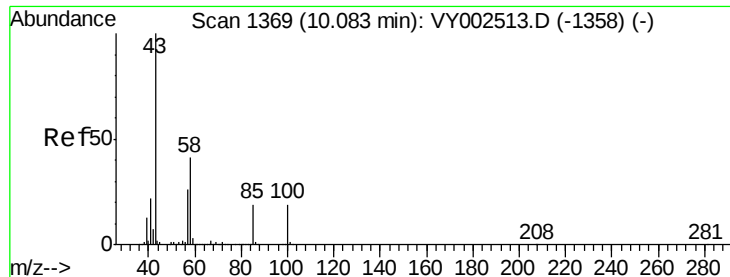
Tgt Ion: 88 Resp: 8539
Ion Ratio Lower Upper
88 100
43 30.8 22.8 34.2
58 62.7 51.4 77.2



#50
Toluene-d8
Concen: 52.986 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

Tgt Ion: 98 Resp: 619602
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 89.377 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

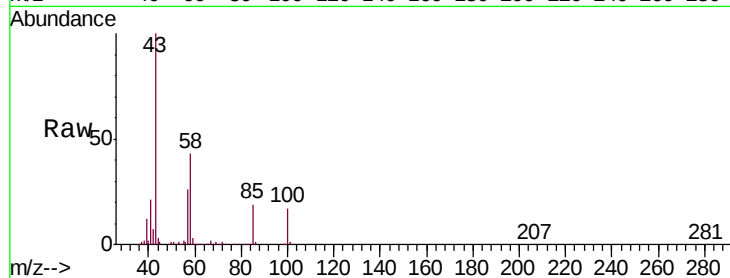
VY0513SBS01

Tgt Ion: 43 Resp: 194800

Ion Ratio Lower Upper

43 100

58 42.7 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

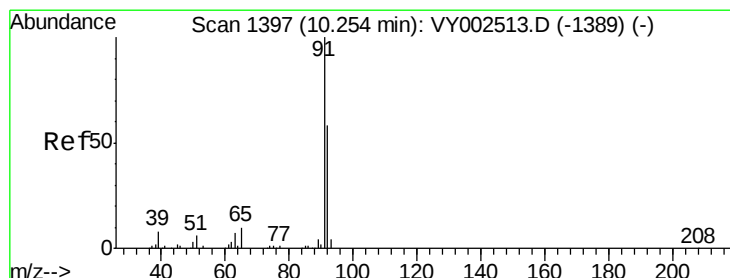
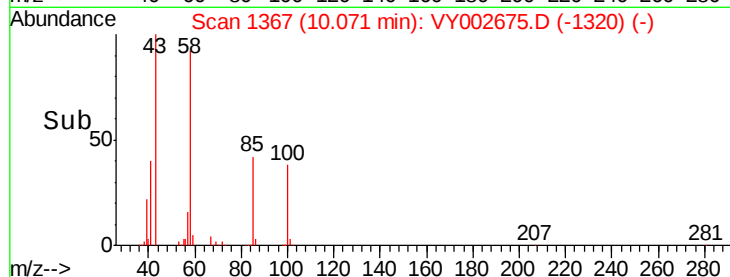
10.07

100000

50000

0

Time-->



#52

Toluene

Concen: 20.613 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002675.D

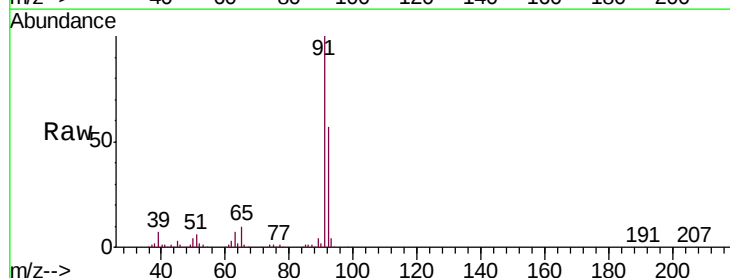
Acq: 13 May 2020 11:41

Tgt Ion: 92 Resp: 167937

Ion Ratio Lower Upper

92 100

91 173.9 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

200000

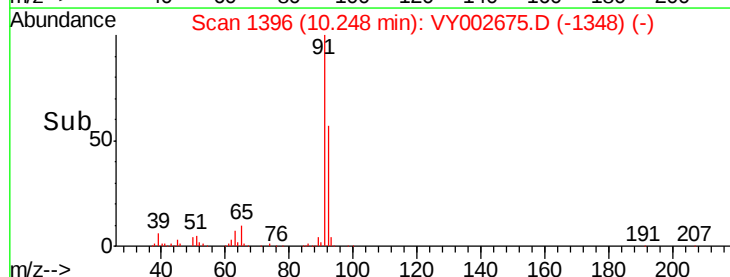
150000

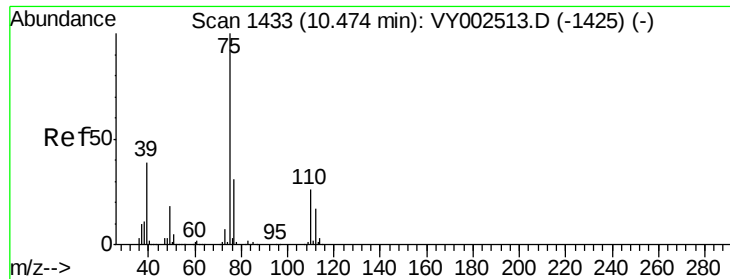
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.403 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

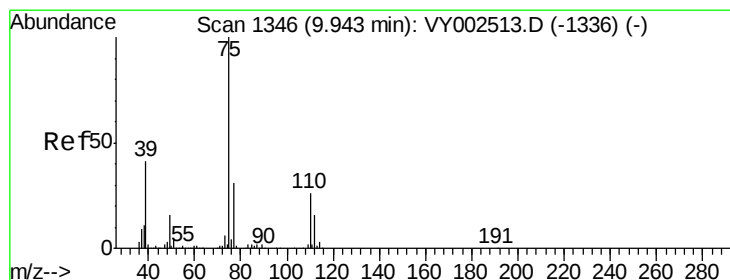
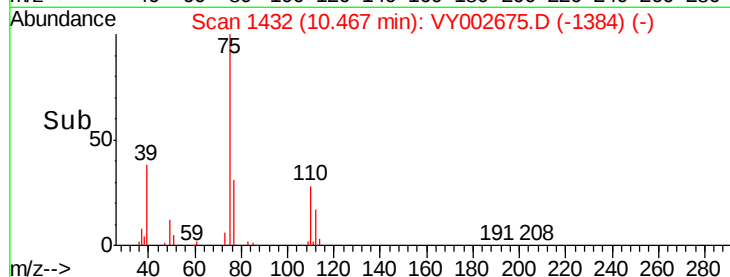
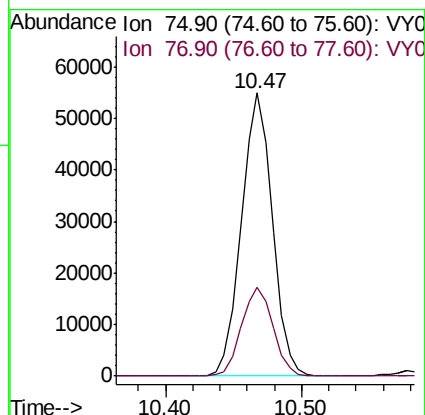
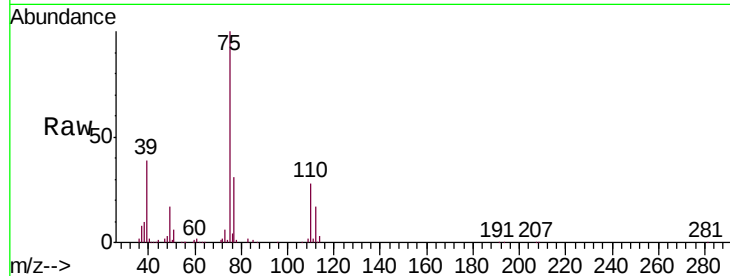
VY0513SBS01

Tgt Ion: 75 Resp: 87019

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.309 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

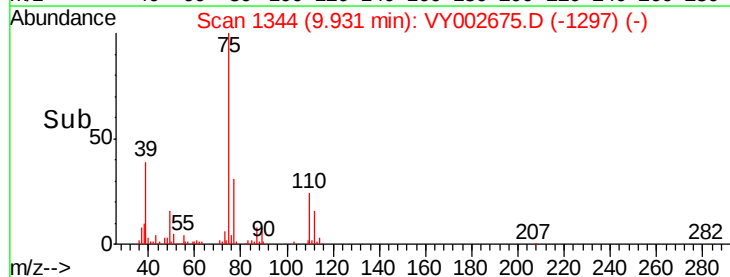
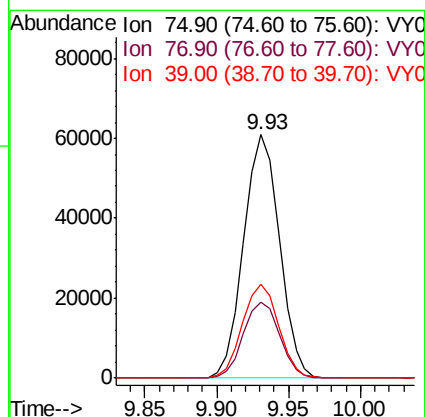
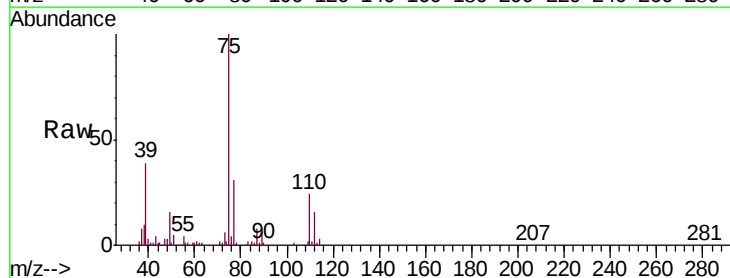
Tgt Ion: 75 Resp: 105296

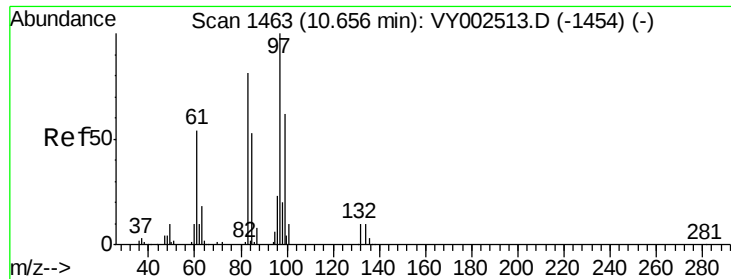
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 38.5 32.7 49.1

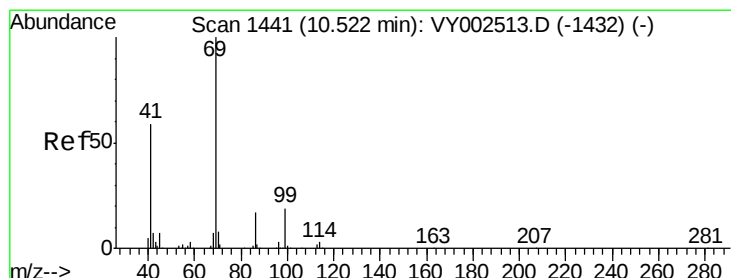
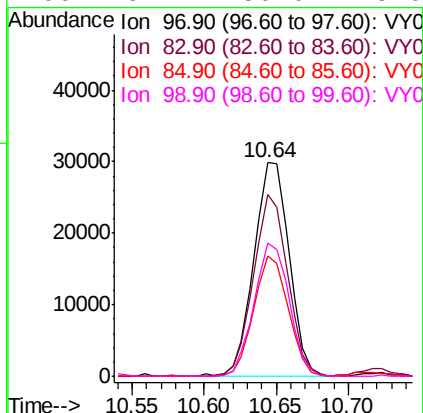
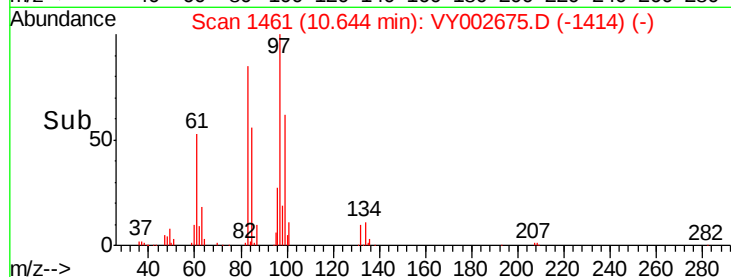
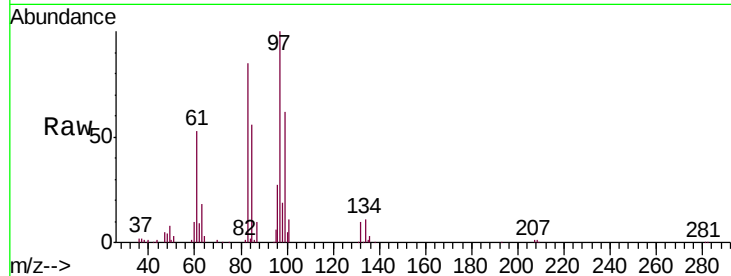




#55
 1,1,2-Trichloroethane
 Concen: 19.691 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

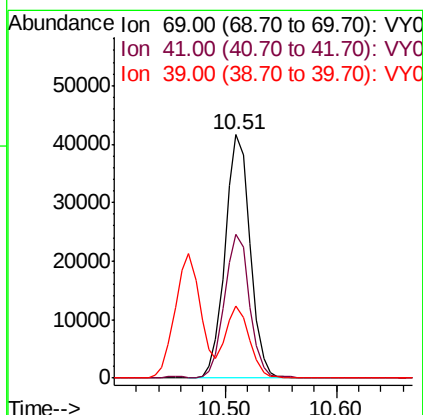
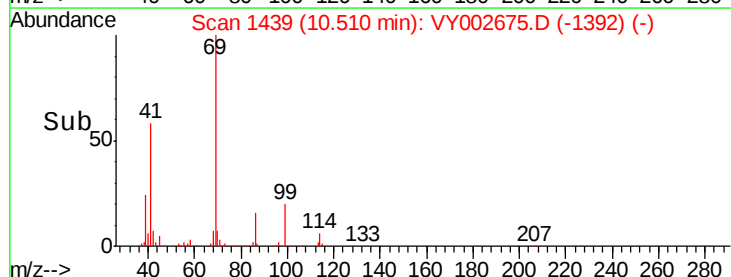
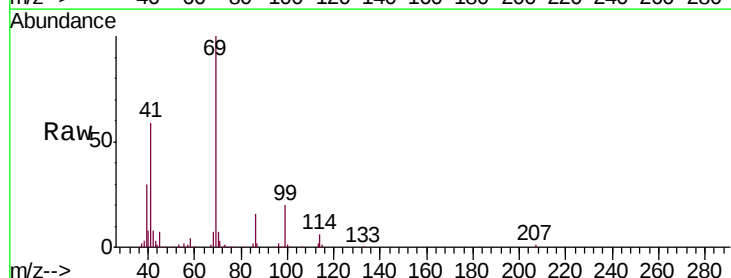
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBSD01

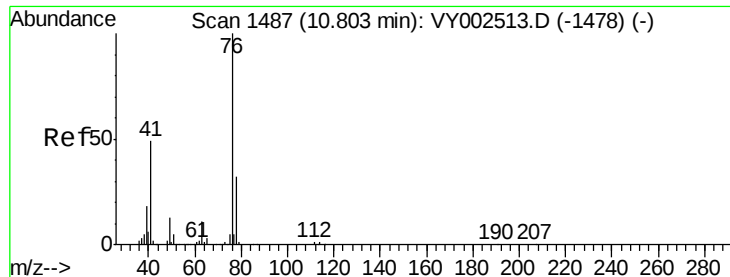
Tgt Ion:	97	Resp:	50548
Ion	Ratio	Lower	Upper
97	100		
83	85.4	65.1	97.7
85	55.9	42.7	64.1
99	62.4	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.976 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

Tgt Ion:	69	Resp:	64802
Ion	Ratio	Lower	Upper
69	100		
41	58.7	48.6	73.0
39	28.2	25.0	37.4





#57

1,3-Dichloropropane

Concen: 19.500 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

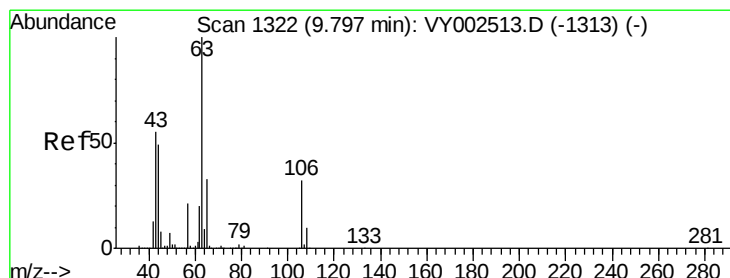
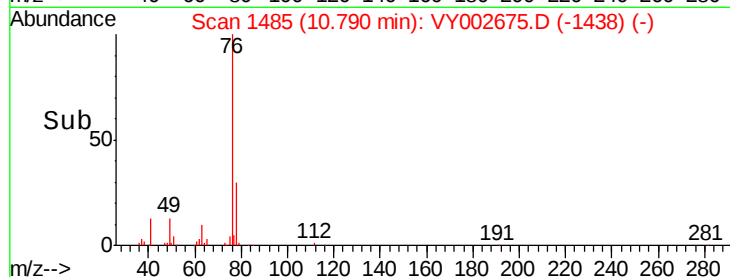
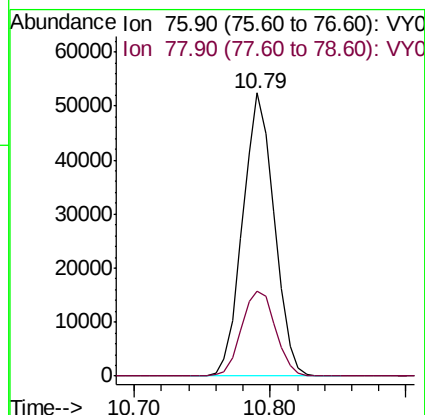
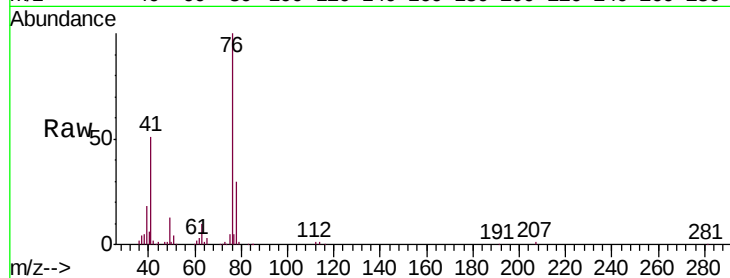
VY0513SBS01

Tgt Ion: 76 Resp: 84892

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 95.604 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY002675.D

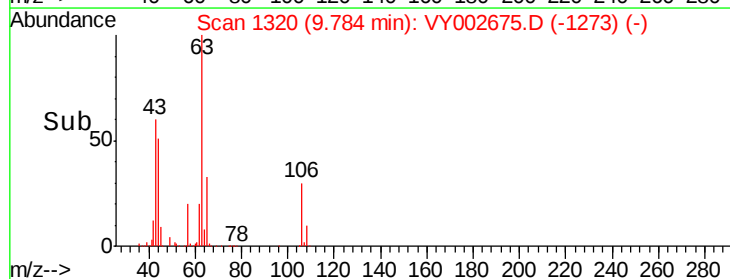
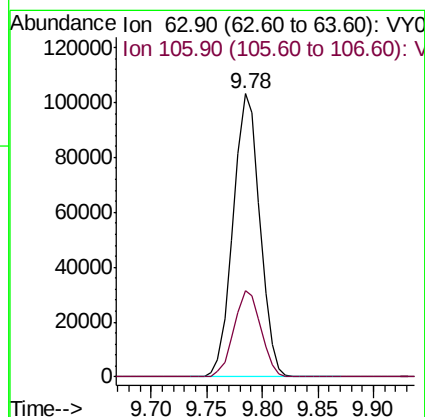
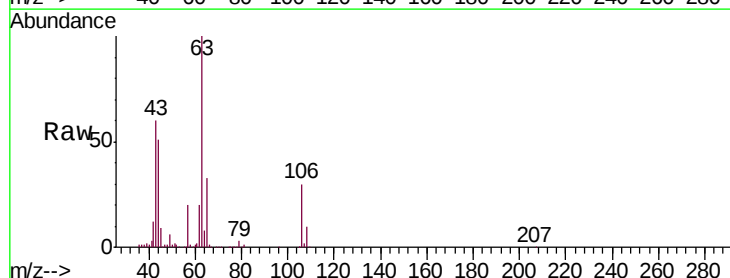
Acq: 13 May 2020 11:41

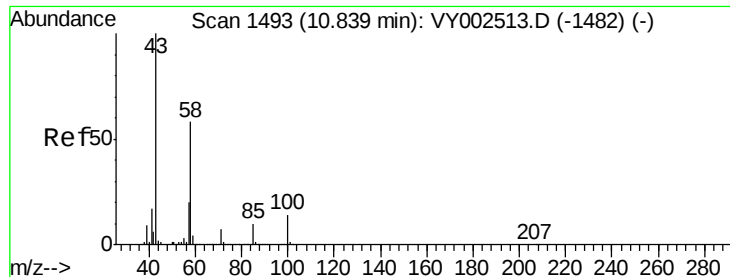
Tgt Ion: 63 Resp: 172176

Ion Ratio Lower Upper

63 100

106 30.6 25.2 37.8

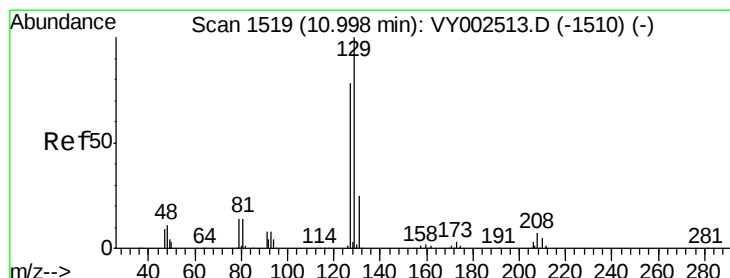
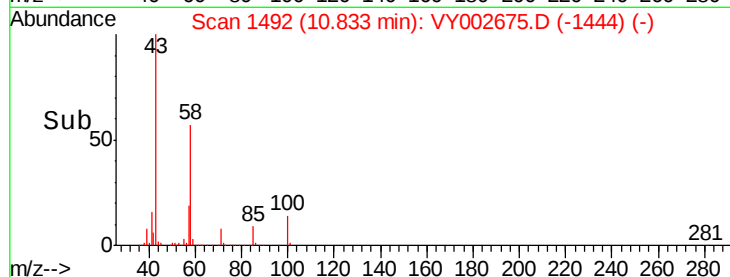
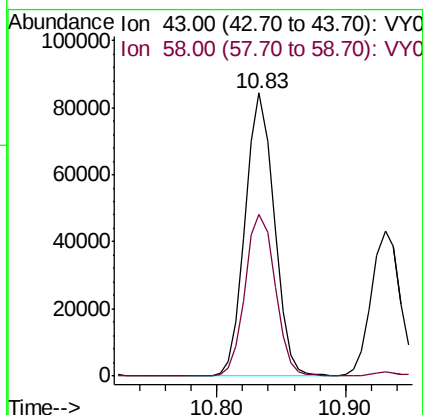
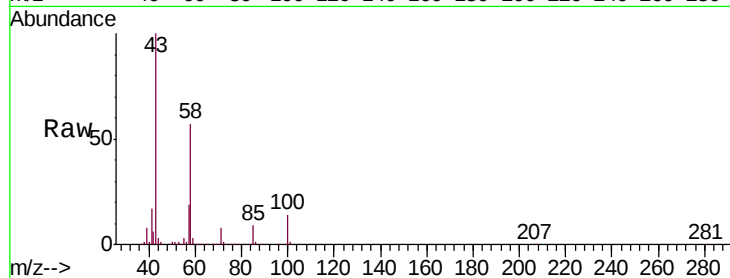




#59
2-Hexanone
Concen: 87.717 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

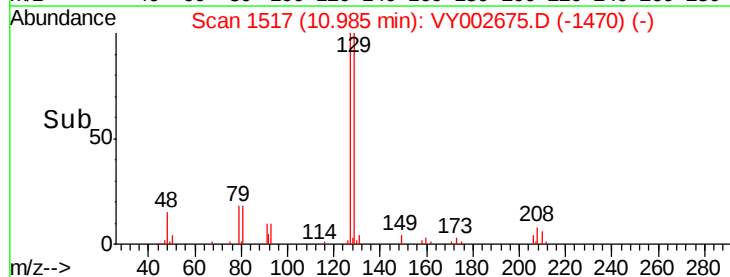
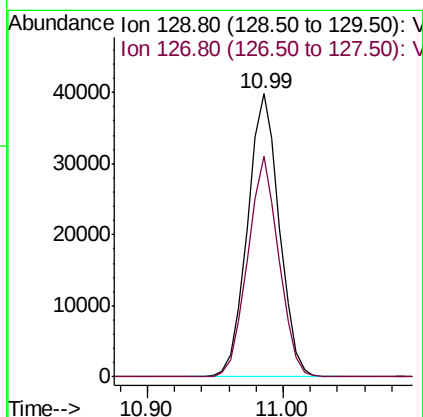
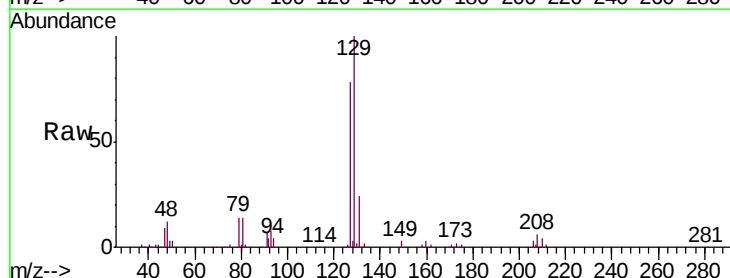
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01

Tgt Ion: 43 Resp: 131584
Ion Ratio Lower Upper
43 100
58 58.9 29.1 87.3



#60
Dibromochloromethane
Concen: 19.905 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

Tgt Ion: 129 Resp: 64990
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0

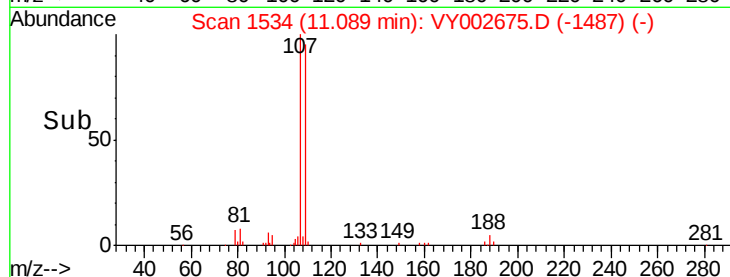
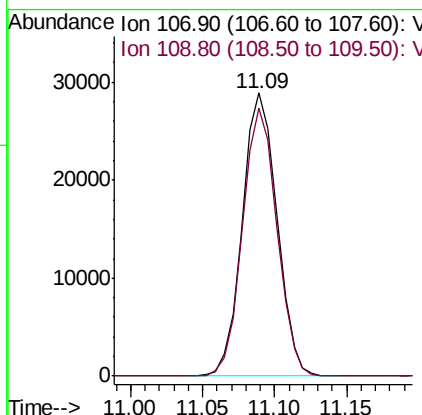
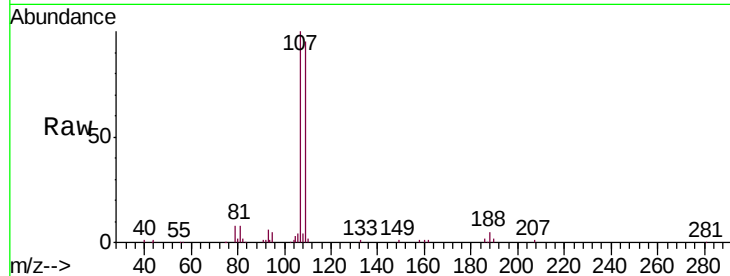




#61
 1,2-Dibromoethane
 Concen: 18.898 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

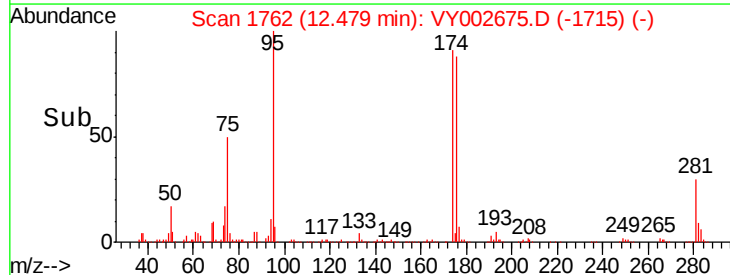
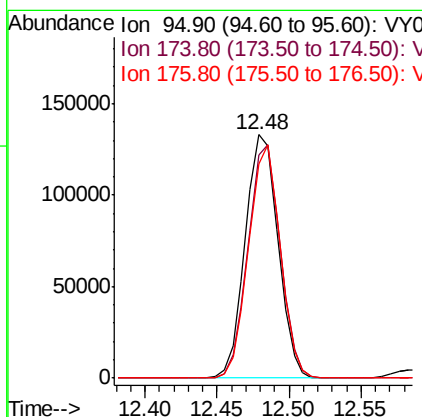
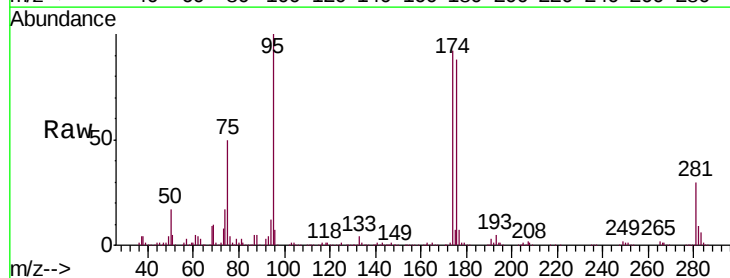
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

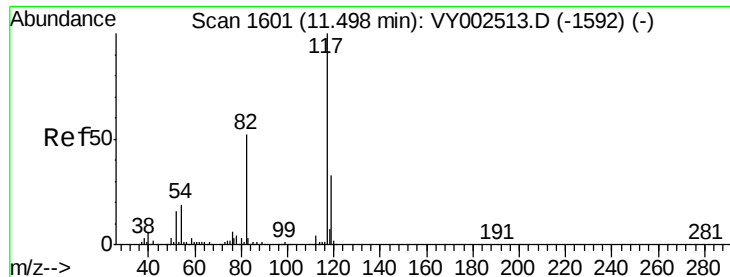
Tgt Ion: 107 Resp: 48036
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 52.878 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

Tgt Ion: 95 Resp: 209815
 Ion Ratio Lower Upper
 95 100
 174 94.1 0.0 188.8
 176 92.1 0.0 183.2

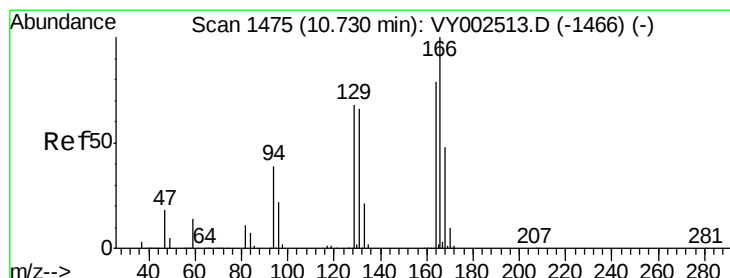
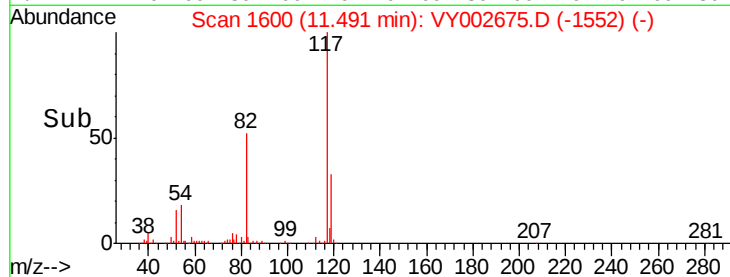
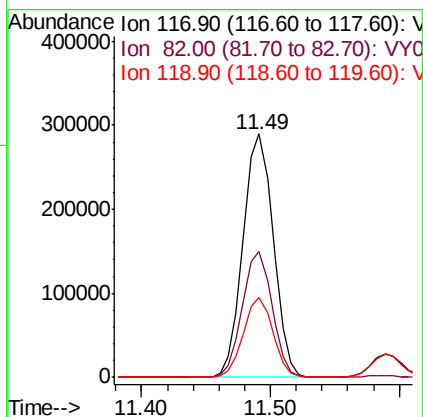
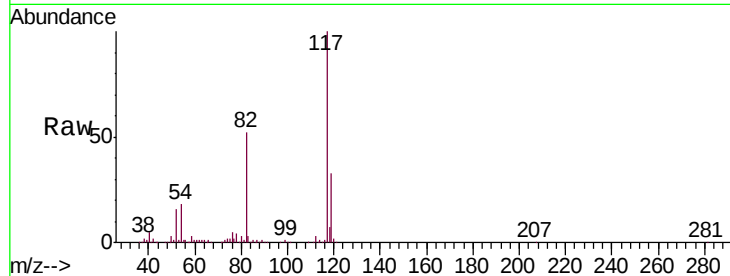




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

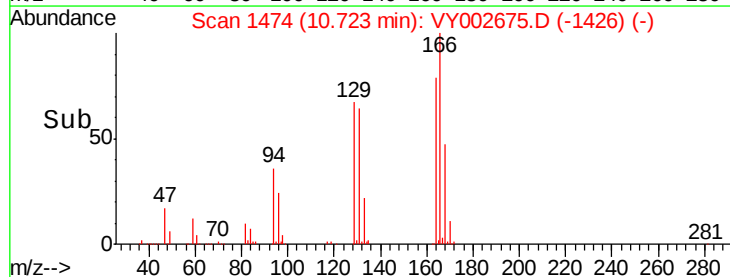
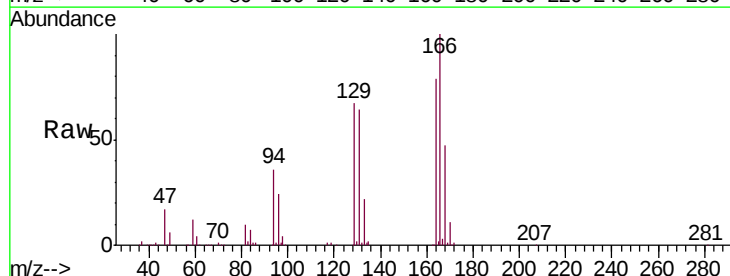
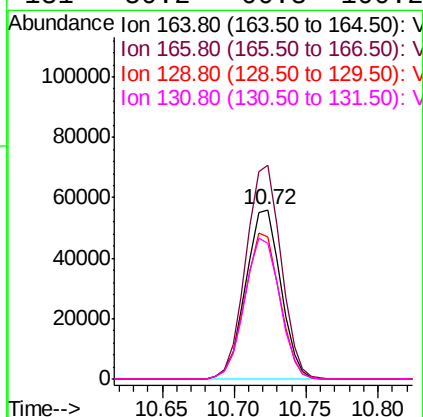
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

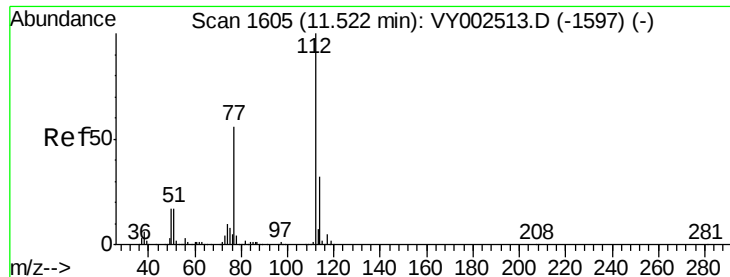
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.3	61.9
119	32.7	26.0	39.0



#64
Tetrachloroethene
Concen: 22.555 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	100.7	151.1
129	83.9	68.3	102.5
131	80.2	66.8	100.2





#65

Chlorobenzene

Concen: 21.086 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

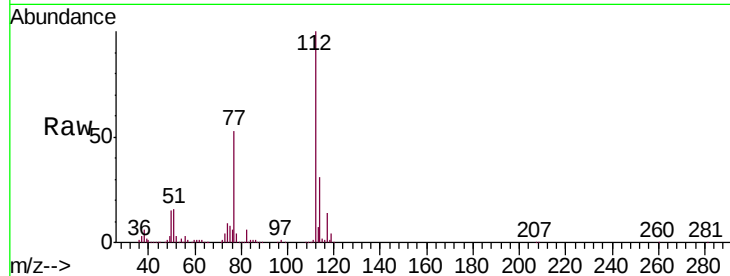
VY0513SBS01

Tgt Ion:112 Resp: 188387

Ion Ratio Lower Upper

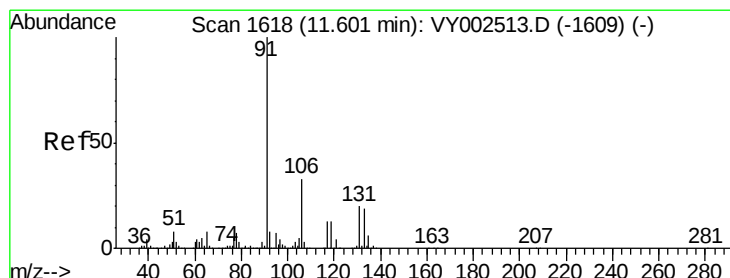
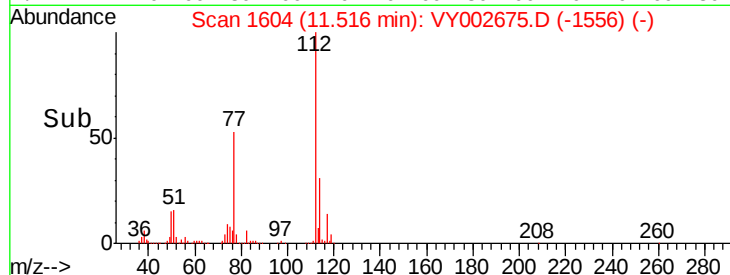
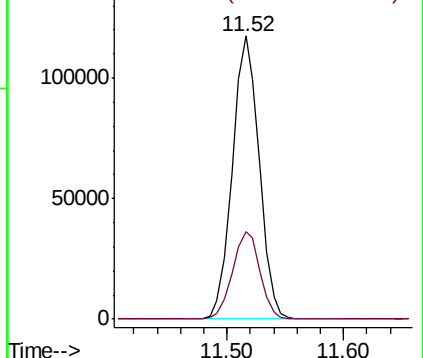
112 100

114 30.8 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.102 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

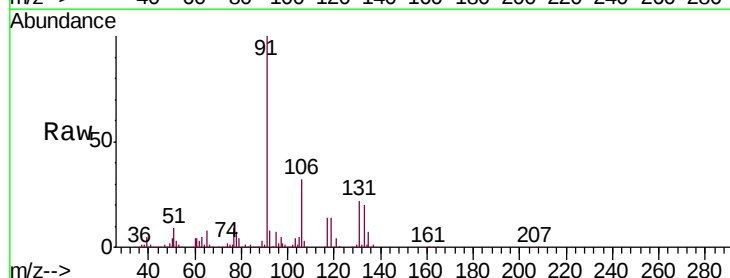
Tgt Ion:131 Resp: 69984

Ion Ratio Lower Upper

131 100

133 96.4 48.1 144.4

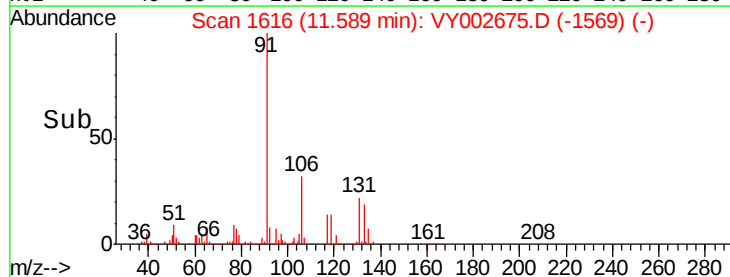
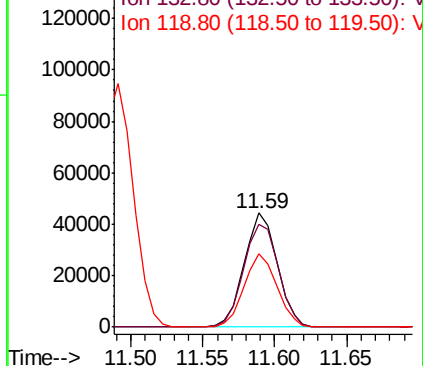
119 64.3 31.6 95.0

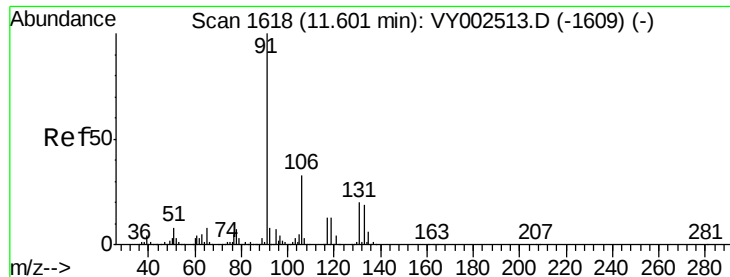


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

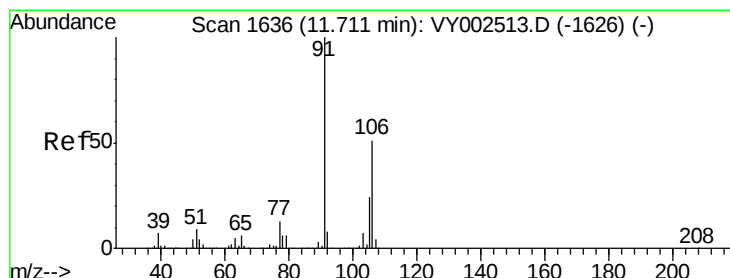
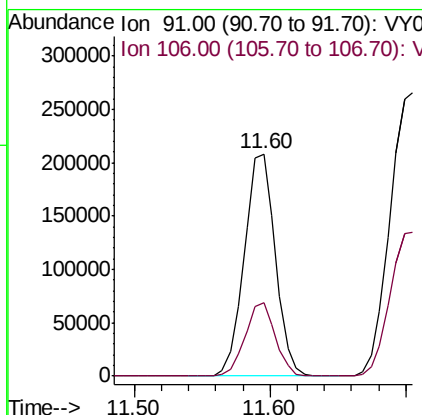
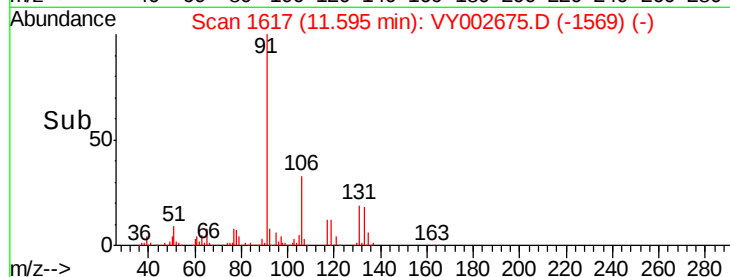
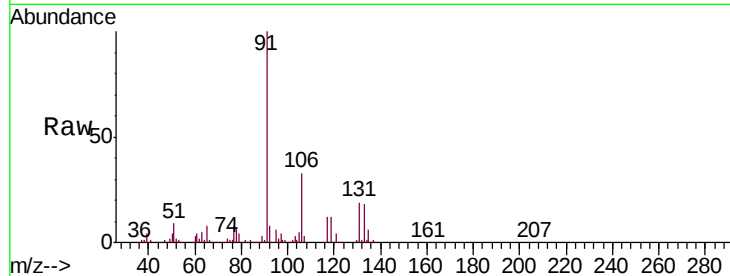




#67
Ethyl Benzene
Concen: 21.174 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

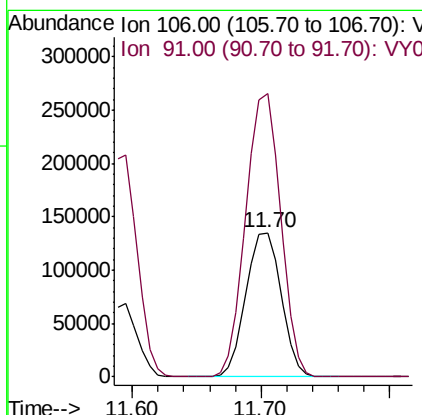
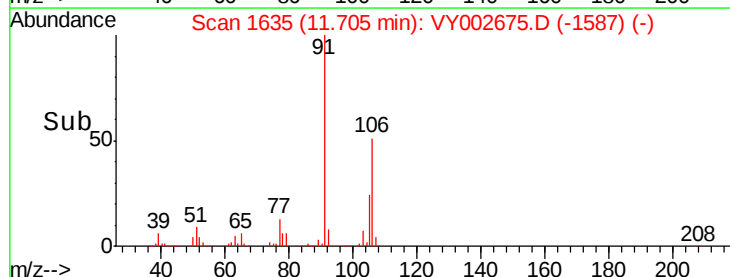
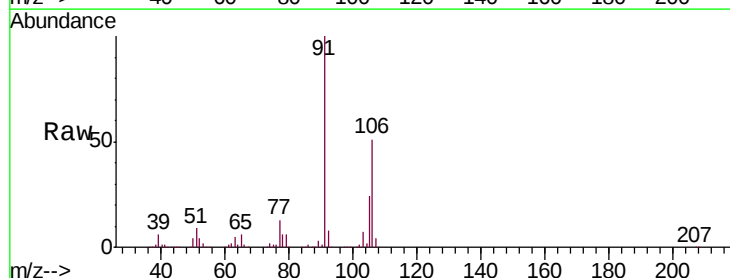
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

Tgt Ion: 91 Resp: 332295
Ion Ratio Lower Upper
91 100
106 33.0 26.1 39.1



#68
m/p-Xylenes
Concen: 42.294 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

Tgt Ion: 106 Resp: 256817
Ion Ratio Lower Upper
106 100
91 194.3 155.2 232.8

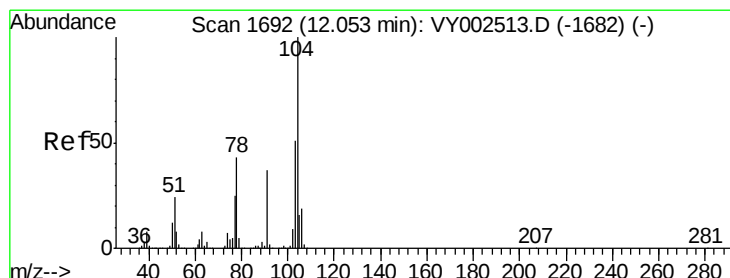
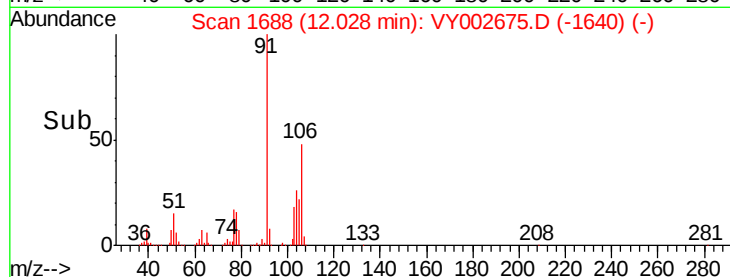
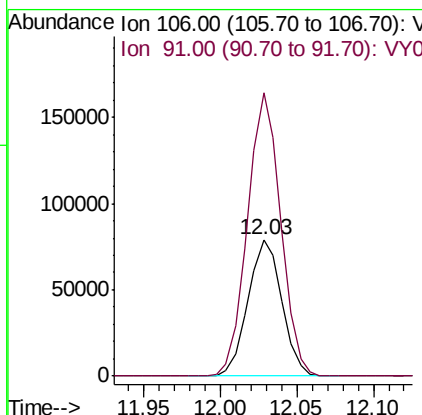
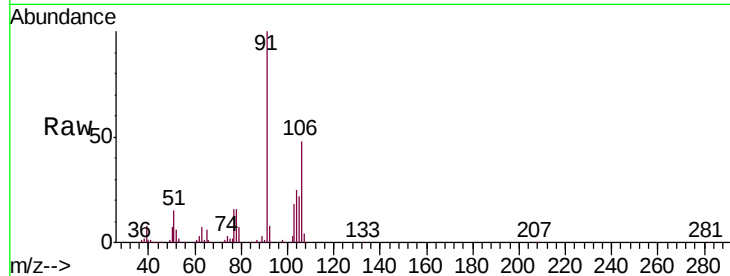




#69
o-Xylene
Concen: 21.314 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

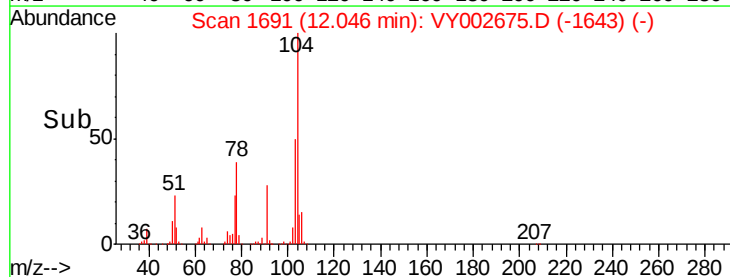
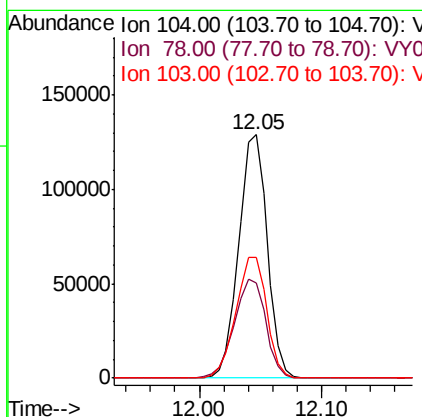
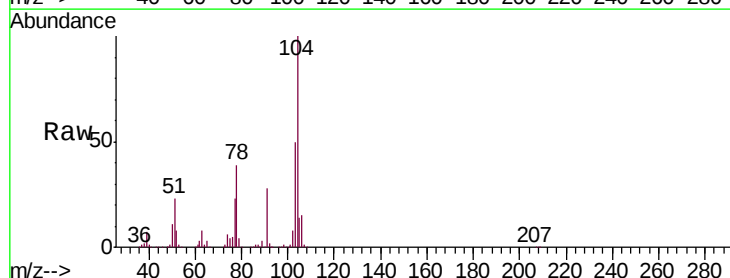
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01

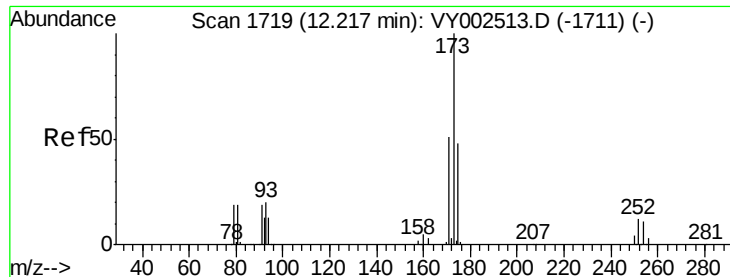
Tgt Ion:106 Resp: 121180
Ion Ratio Lower Upper
106 100
91 204.6 103.8 311.3



#70
Styrene
Concen: 21.402 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

Tgt Ion:104 Resp: 208015
Ion Ratio Lower Upper
104 100
78 45.0 37.4 56.0
103 53.9 43.9 65.9

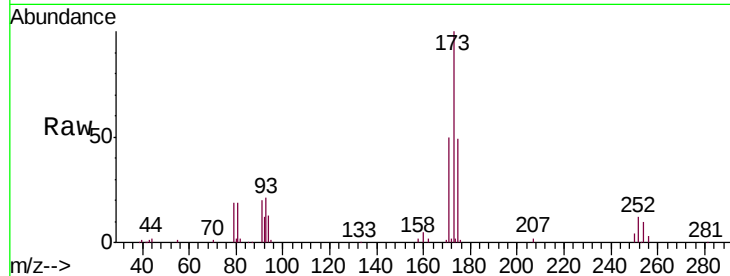




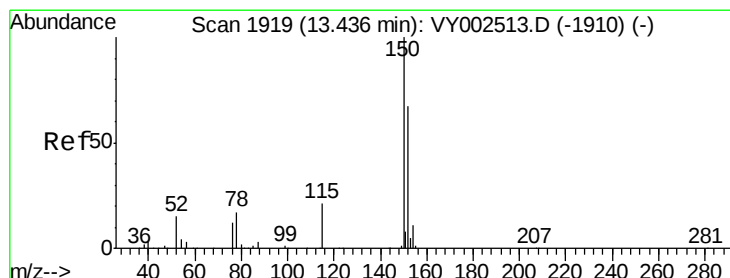
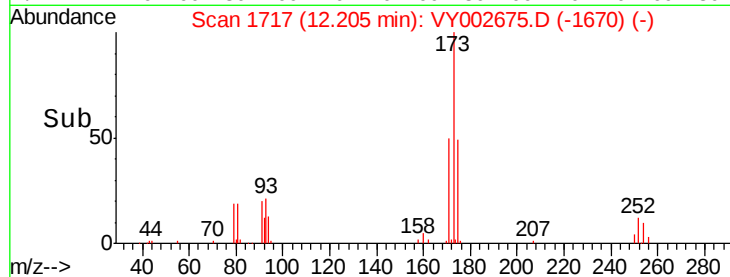
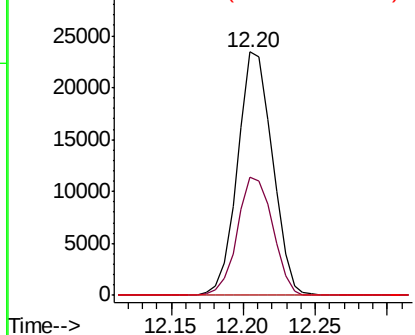
#71
Bromoform
Concen: 19.165 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

Tgt Ion:173 Resp: 39449
Ion Ratio Lower Upper
173 100
175 49.3 24.3 72.8
254 0.0 0.2 0.2#

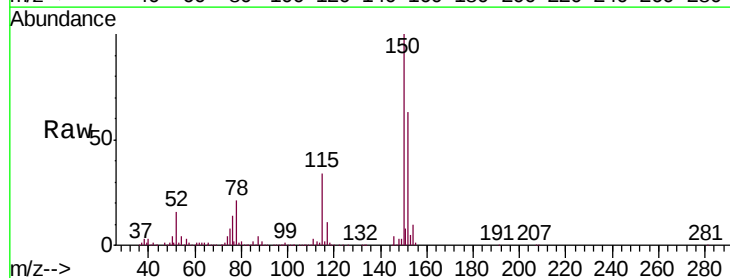


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

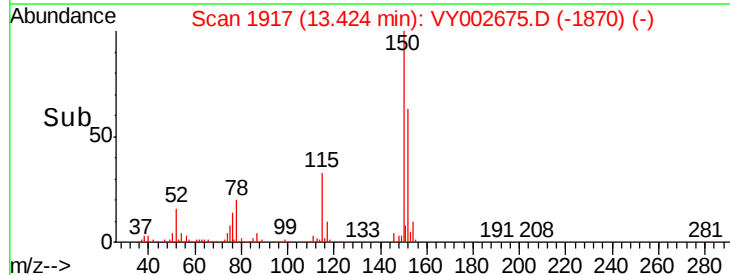
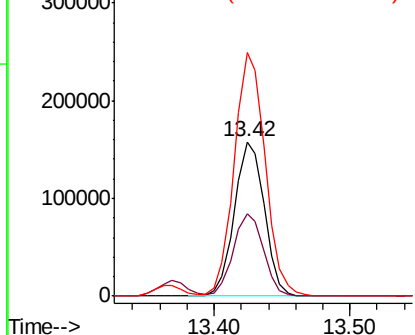


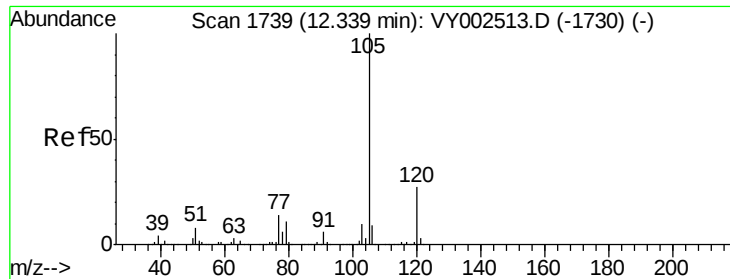
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

Tgt Ion:152 Resp: 241732
Ion Ratio Lower Upper
152 100
115 53.8 27.5 82.4
150 163.2 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: 21.612 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

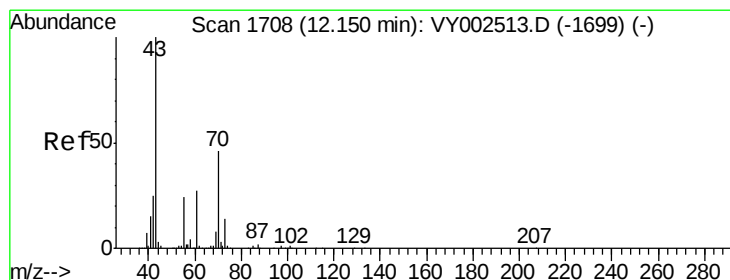
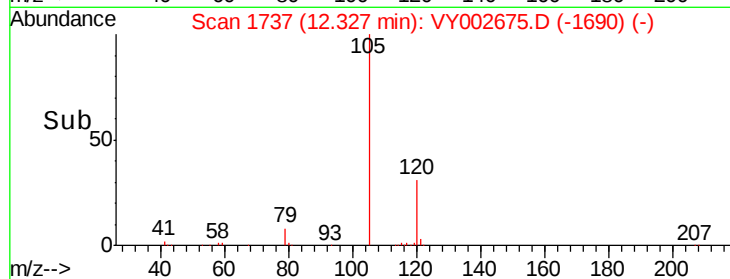
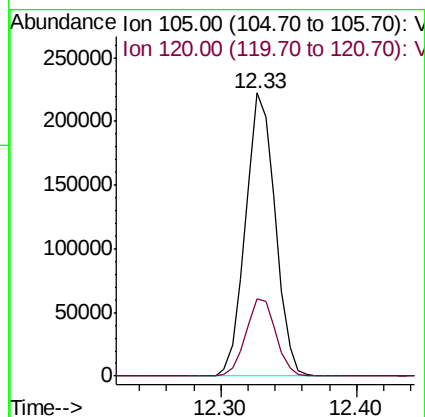
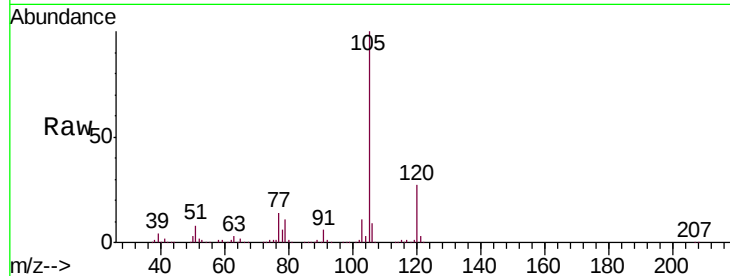
VY0513SBS01

Tgt Ion:105 Resp: 338580

Ion Ratio Lower Upper

105 100

120 27.8 13.8 41.3



#74

N-ethyl acetate

Concen: 18.877 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Tgt Ion: 43 Resp: 71142

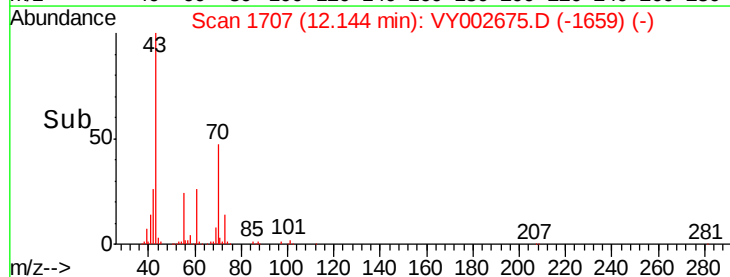
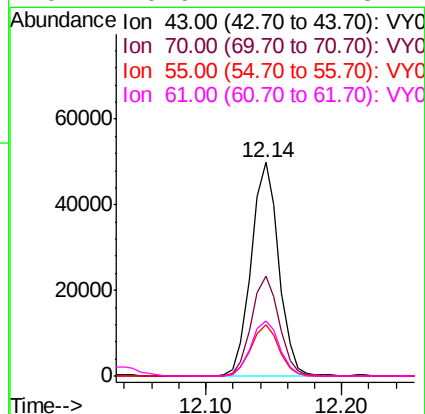
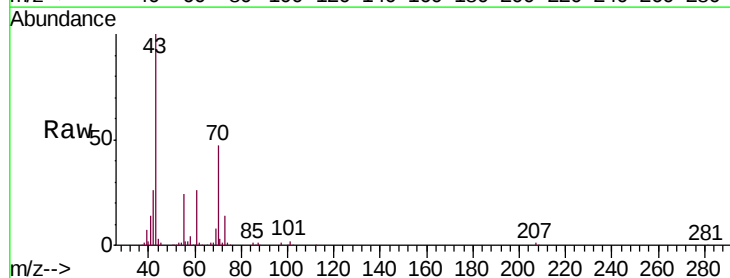
Ion Ratio Lower Upper

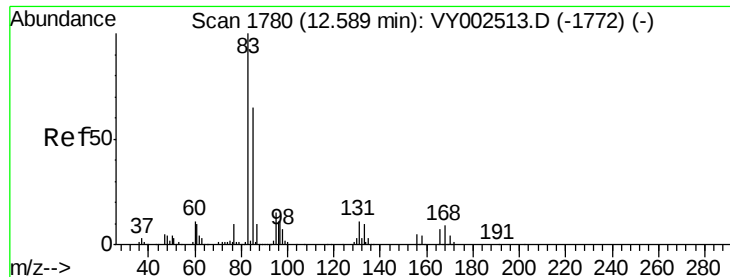
43 100

70 47.1 36.7 55.1

55 24.6 19.2 28.8

61 26.6 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 17.578 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

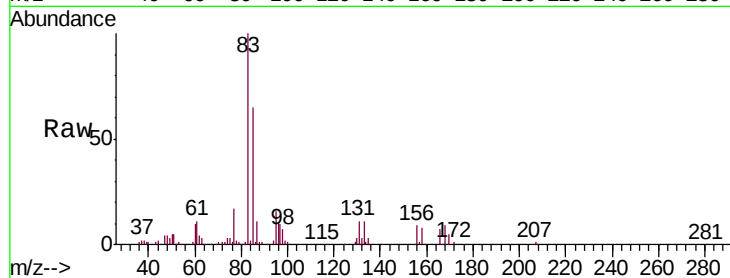
Tgt Ion: 83 Resp: 43796

Ion Ratio Lower Upper

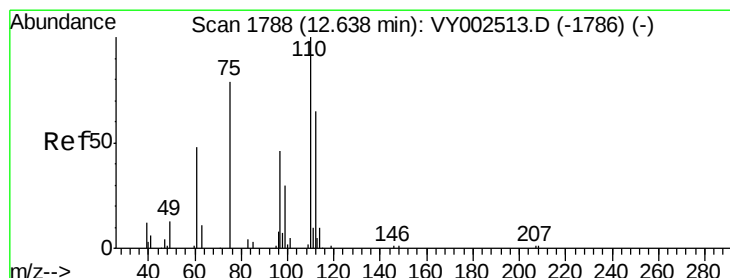
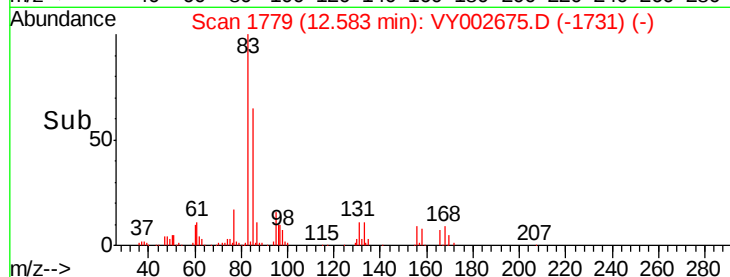
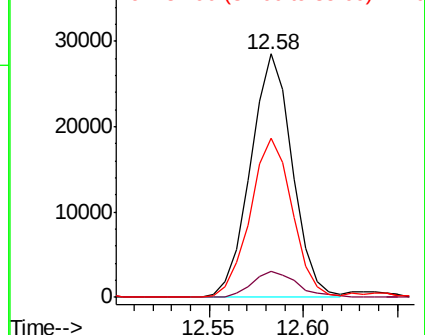
83 100

131 11.8 5.9 17.8

85 65.9 31.9 95.9



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



#76

1,2,3-Trichloropropane

Concen: 18.315 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY002675.D

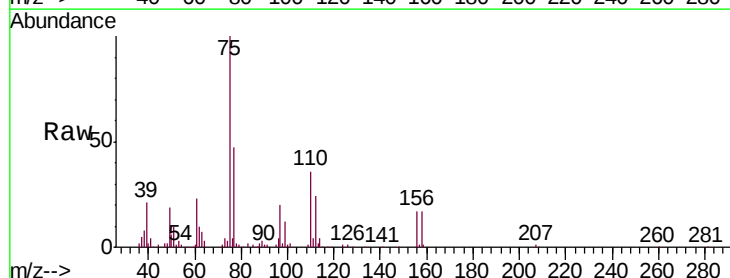
Acq: 13 May 2020 11:41

Tgt Ion: 75 Resp: 39344

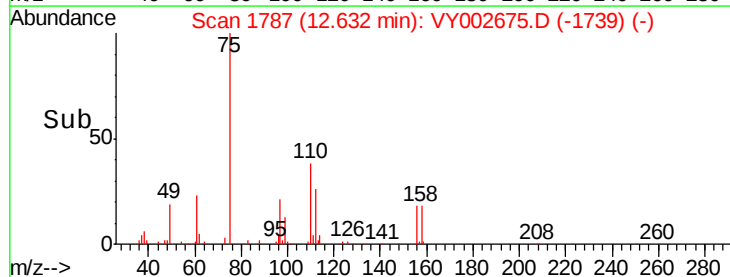
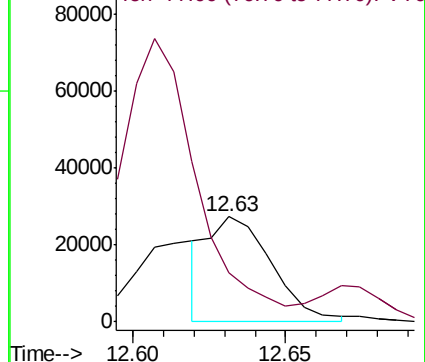
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 20.741 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

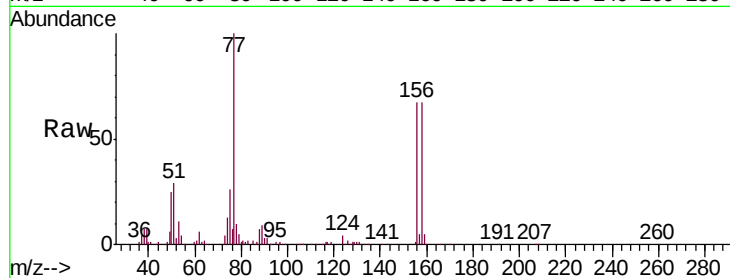
Tgt Ion: 156 Resp: 81183

Ion Ratio Lower Upper

156 100

77 159.4 82.0 245.8

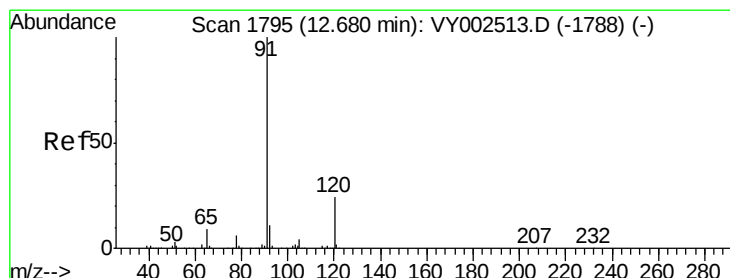
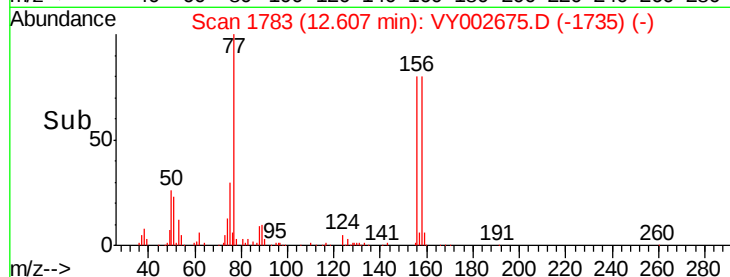
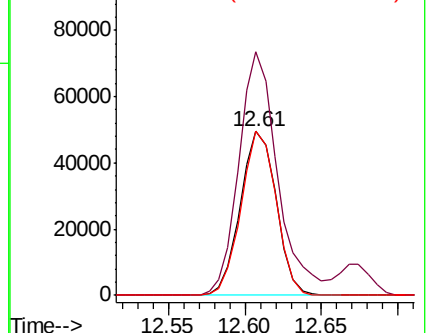
158 97.2 48.5 145.6



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: 21.627 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY002675.D

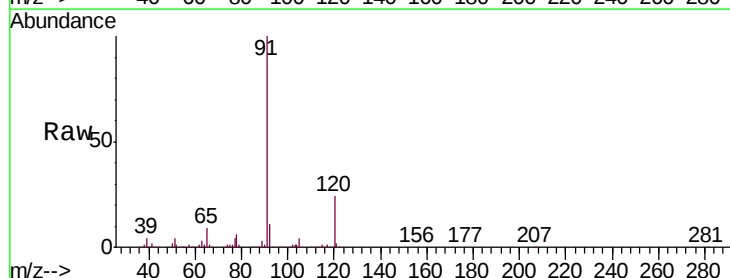
Acq: 13 May 2020 11:41

Tgt Ion: 91 Resp: 393193

Ion Ratio Lower Upper

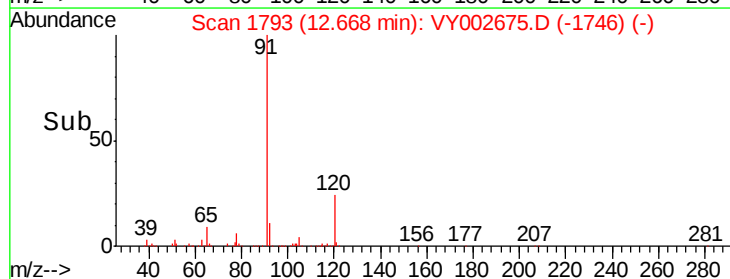
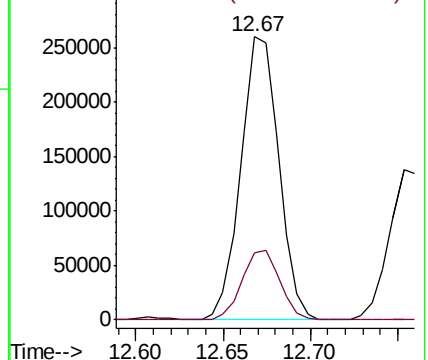
91 100

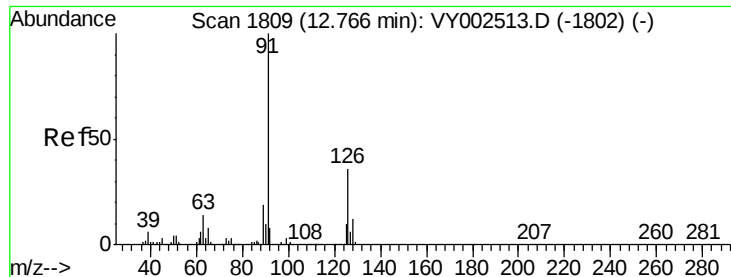
120 24.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

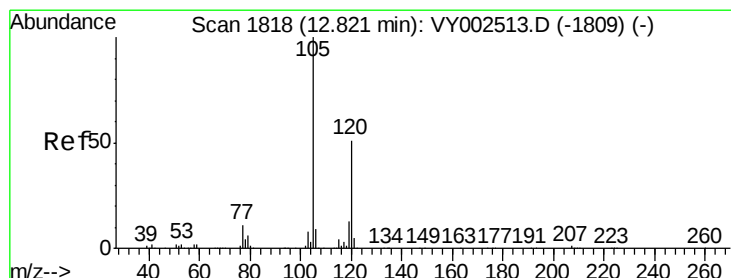
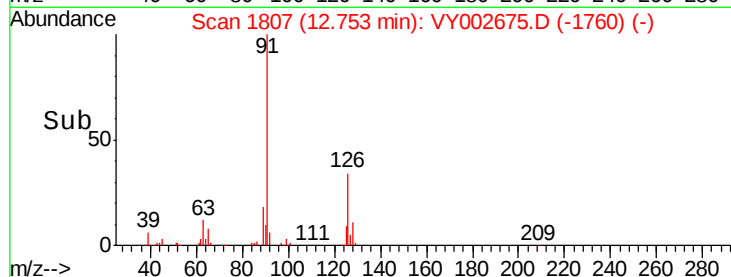
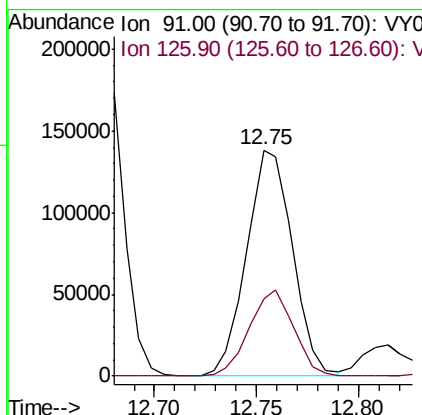
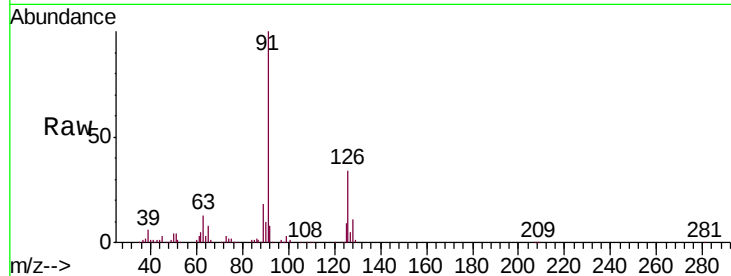




#79
 2-Chlorotoluene
 Concen: 21.533 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

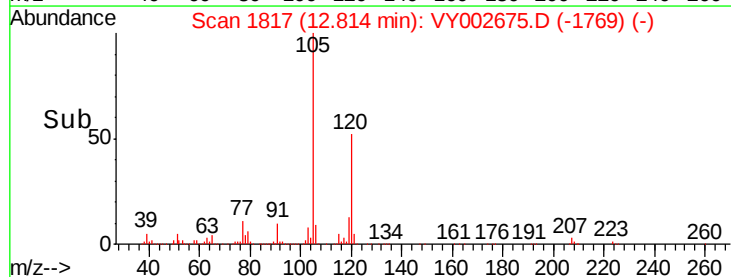
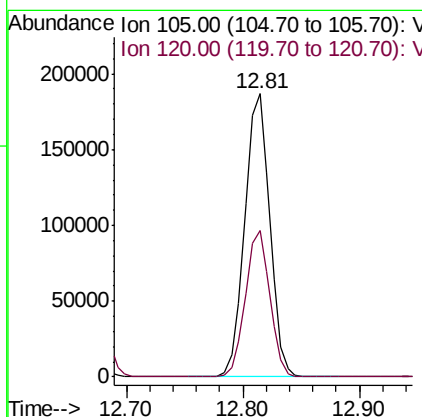
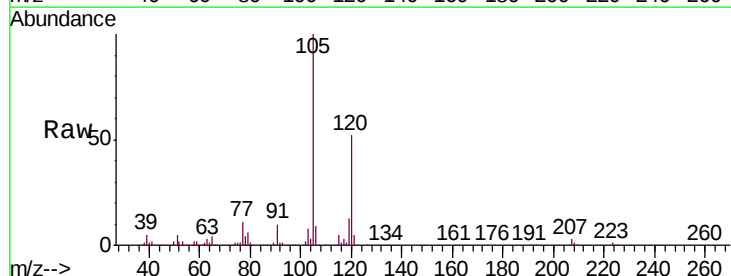
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

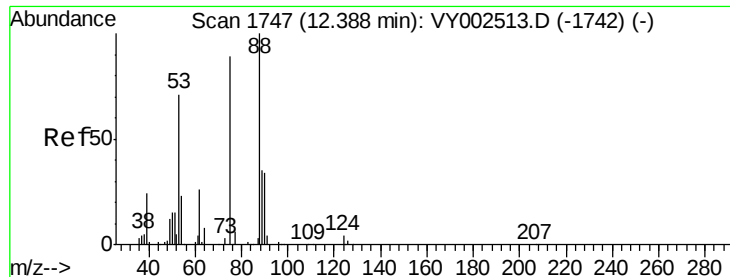
Tgt Ion: 91 Resp: 216858
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 21.596 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

Tgt Ion: 105 Resp: 280453
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.454 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

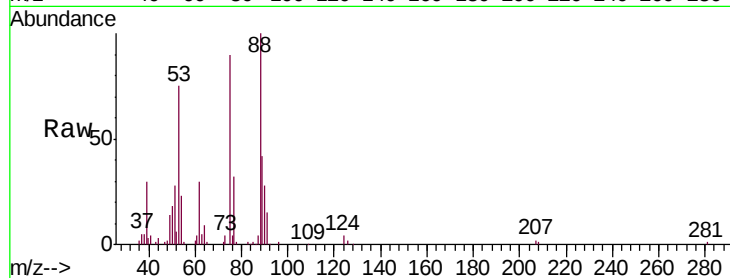
Tgt Ion: 75 Resp: 19770

Ion Ratio Lower Upper

75 100

53 82.5 67.4 101.0

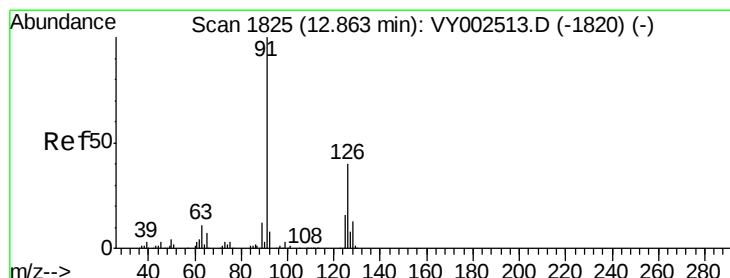
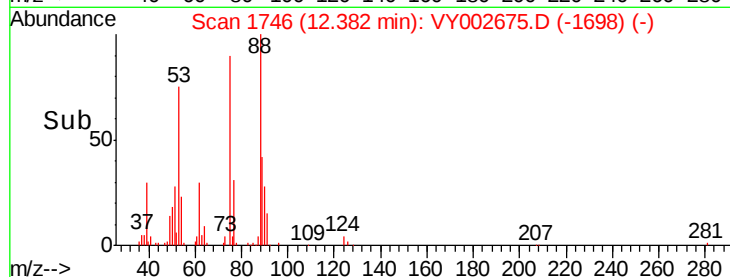
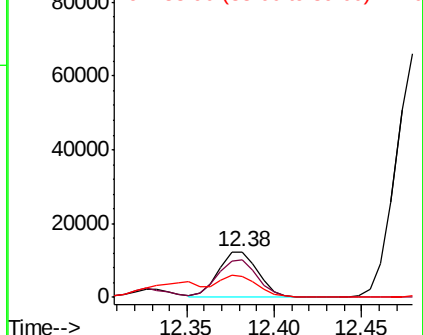
89 44.2 37.4 56.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.107 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002675.D

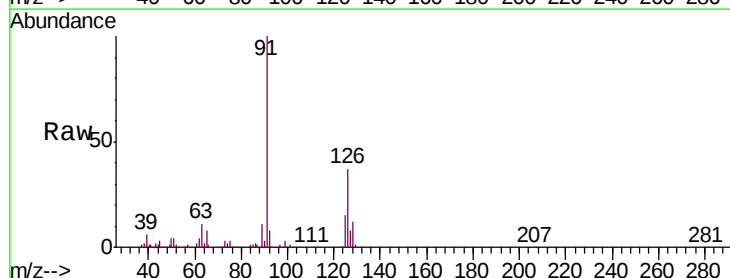
Acq: 13 May 2020 11:41

Tgt Ion: 91 Resp: 223285

Ion Ratio Lower Upper

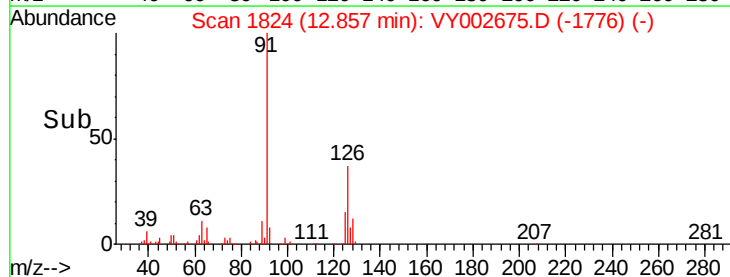
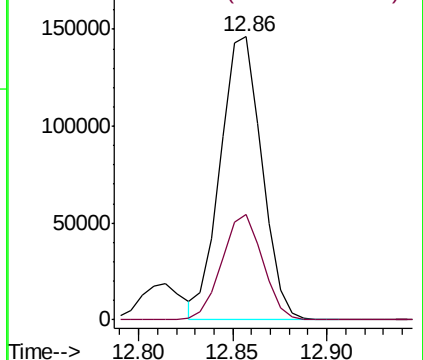
91 100

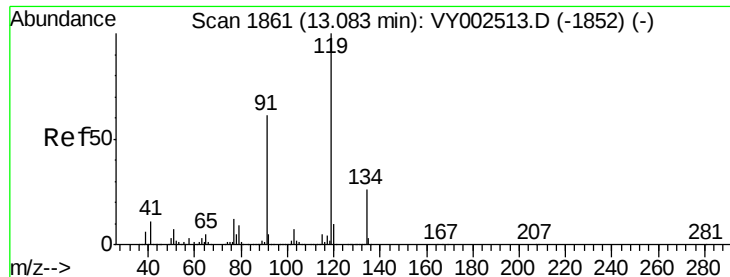
126 36.8 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

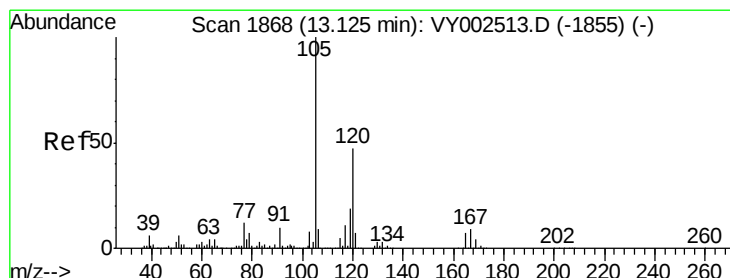
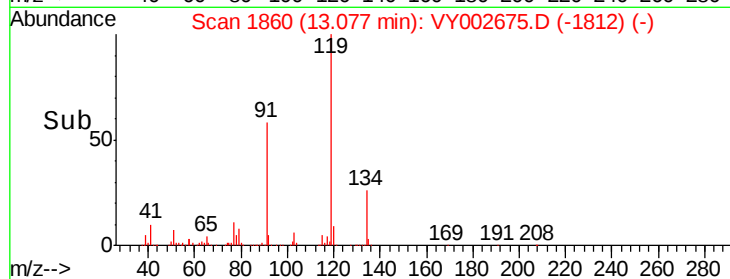
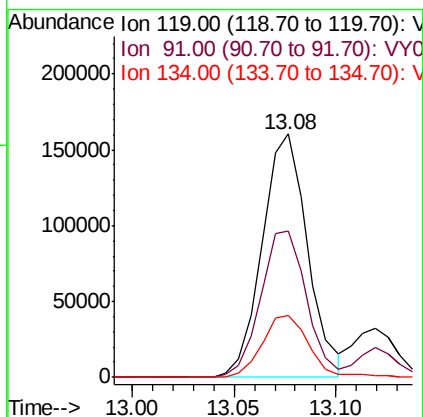
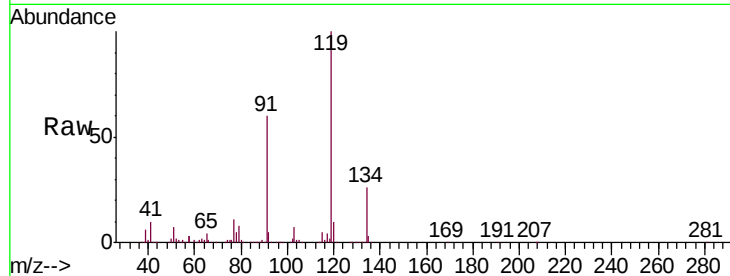




#83
 tert-Butylbenzene
 Concen: 21.834 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

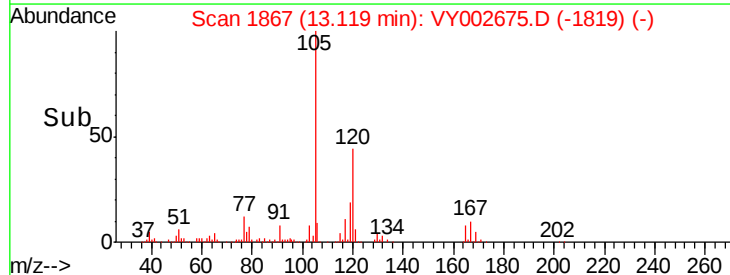
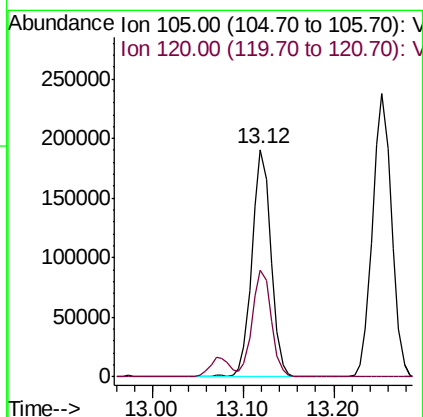
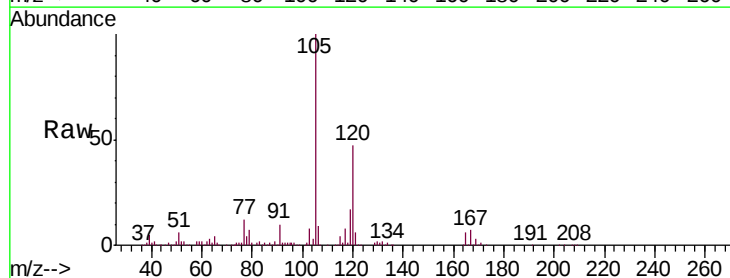
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

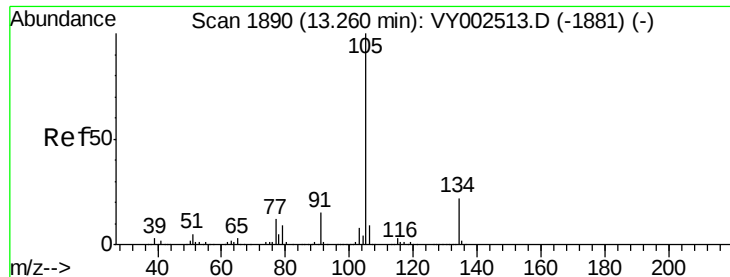
Tgt Ion:119 Resp: 248618
 Ion Ratio Lower Upper
 119 100
 91 60.9 30.6 91.6
 134 26.5 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.396 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

Tgt Ion:105 Resp: 276921
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.3





#85

sec-Butylbenzene

Concen: 21.954 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

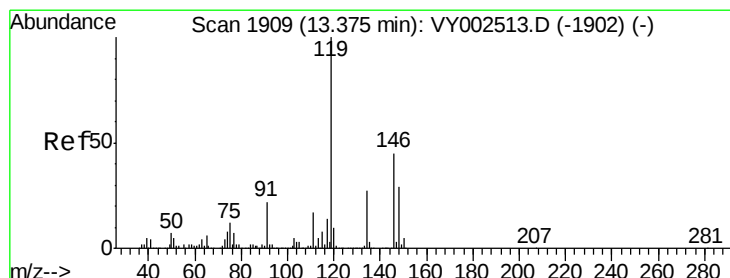
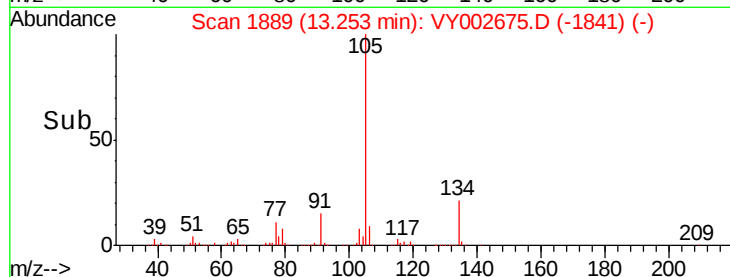
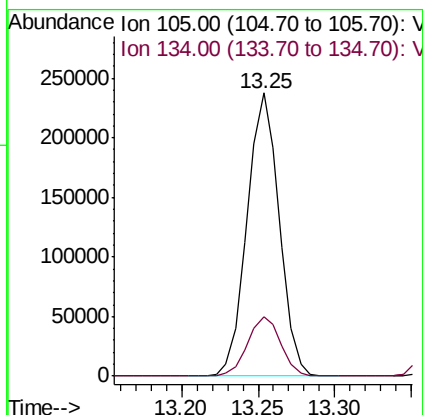
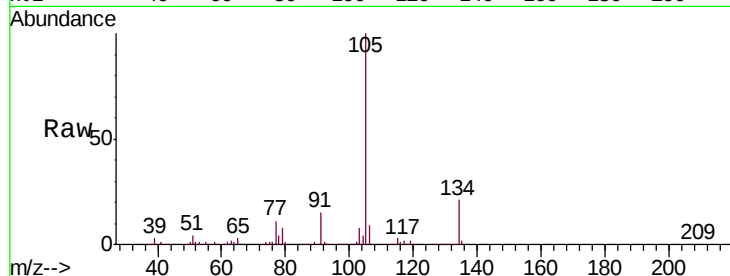
VY0513SBS01

Tgt Ion:105 Resp: 346884

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.3



#86

p-Isopropyltoluene

Concen: 21.811 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

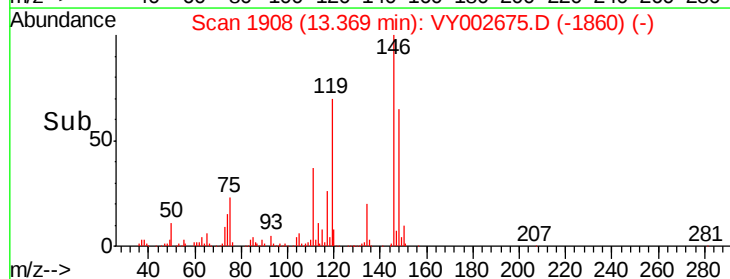
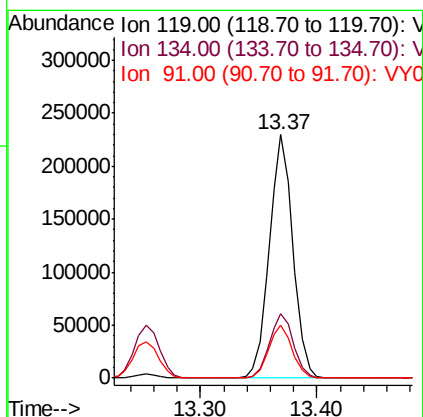
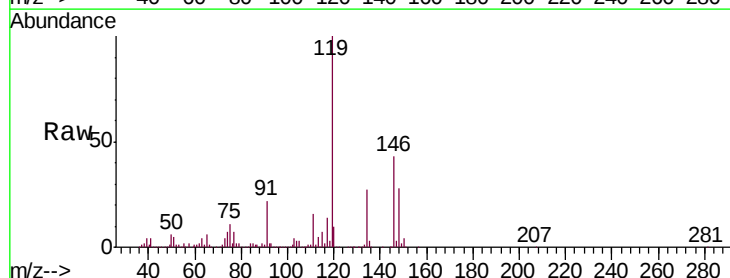
Tgt Ion:119 Resp: 322905

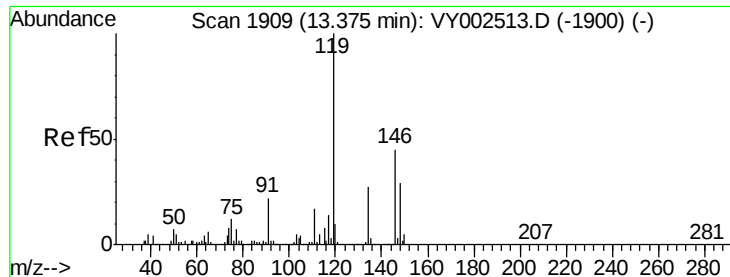
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 21.6 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 21.357 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

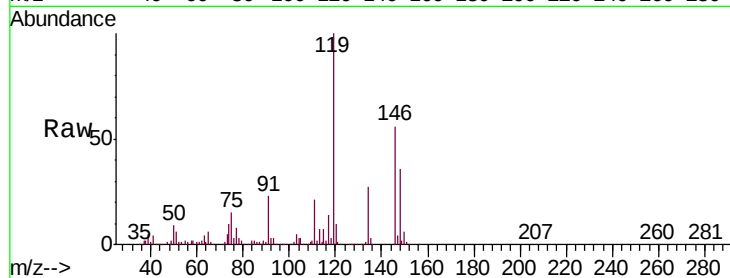
Tgt Ion:146 Resp: 158216

Ion Ratio Lower Upper

146 100

111 37.0 18.8 56.3

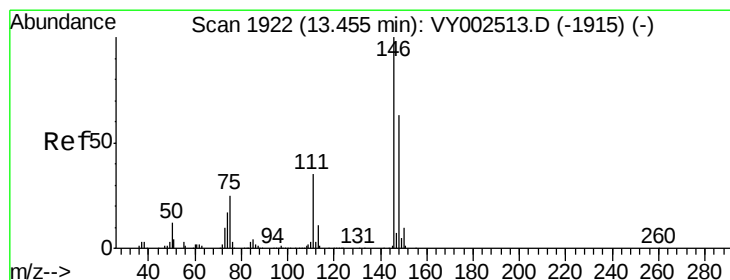
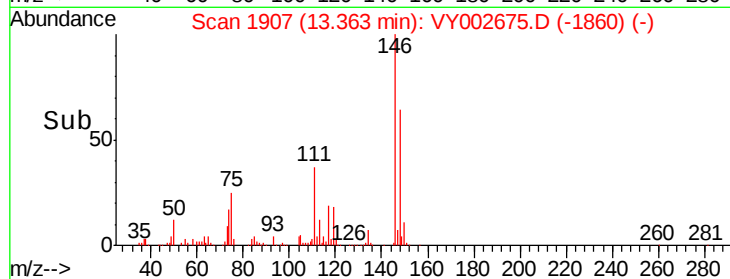
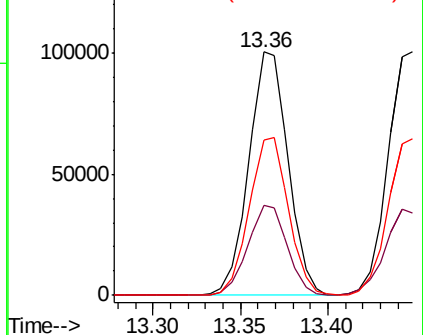
148 64.6 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.359 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

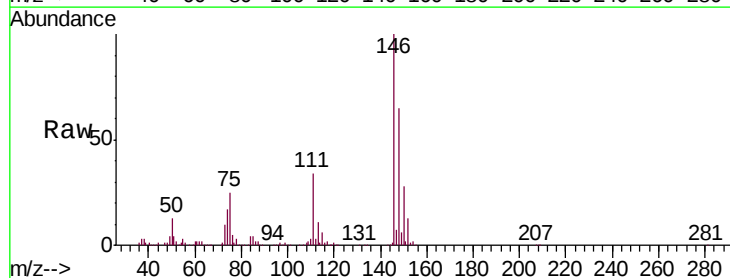
Tgt Ion:146 Resp: 156676

Ion Ratio Lower Upper

146 100

111 36.9 18.1 54.1

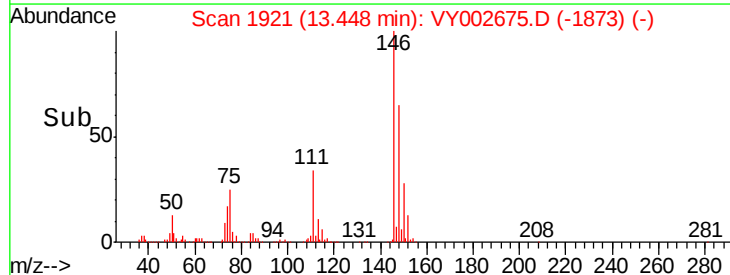
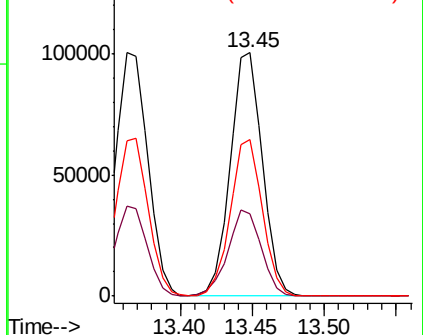
148 64.2 31.9 95.5

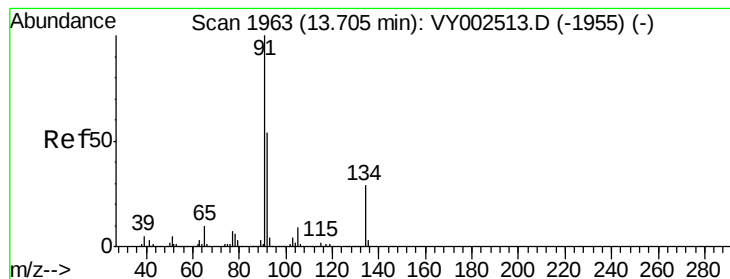


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.977 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002675.D

Acq: 13 May 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

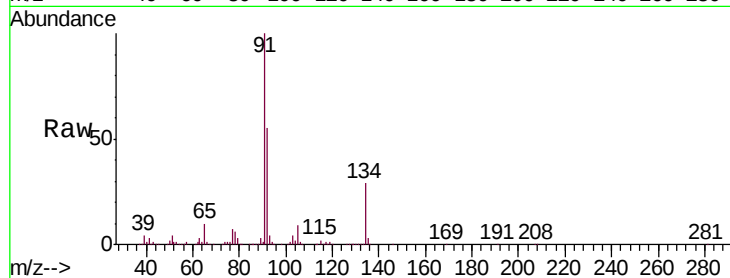
Tgt Ion: 91 Resp: 296197

Ion Ratio Lower Upper

91 100

92 54.4 27.1 81.3

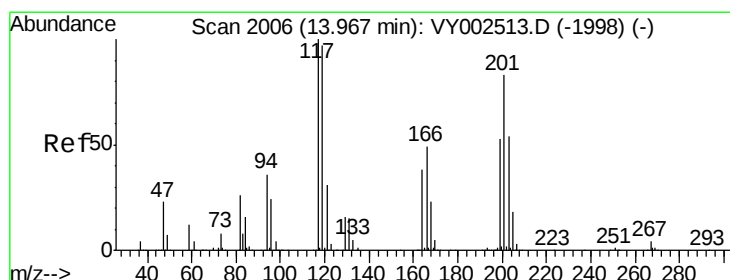
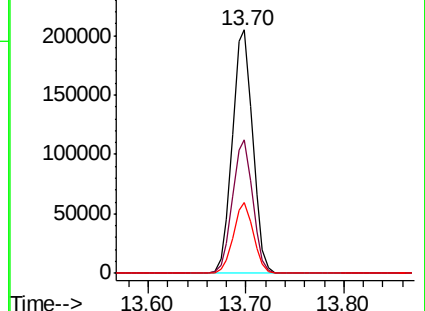
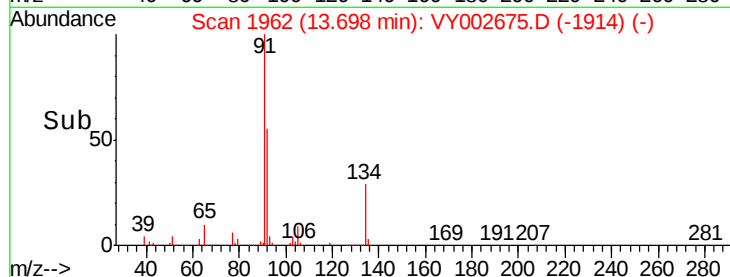
134 28.5 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VY002675.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY002675.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY002675.D (-1914) (-)



#90

Hexachloroethane

Concen: 22.174 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.01 min

Lab File: VY002675.D

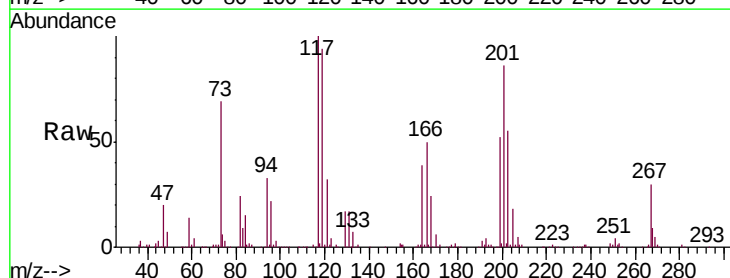
Acq: 13 May 2020 11:41

Tgt Ion: 117 Resp: 59784

Ion Ratio Lower Upper

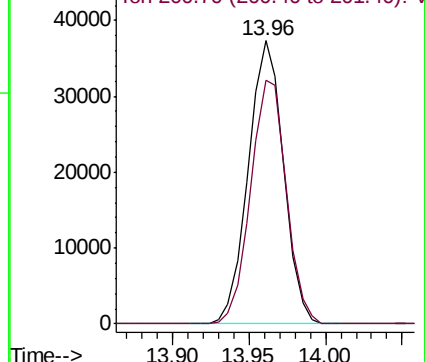
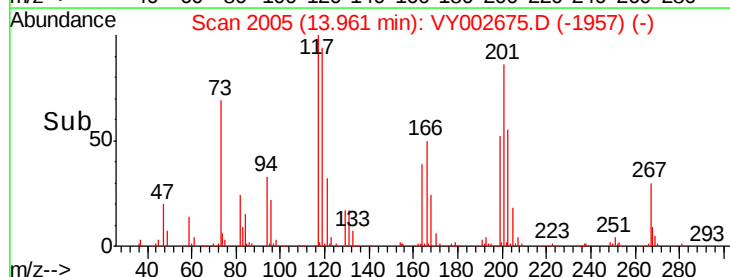
117 100

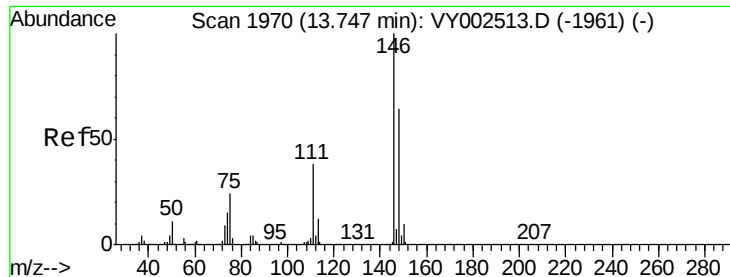
201 87.3 44.4 133.2



Abundance Ion 116.80 (116.50 to 117.50): VY002675.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY002675.D (-1957) (-)

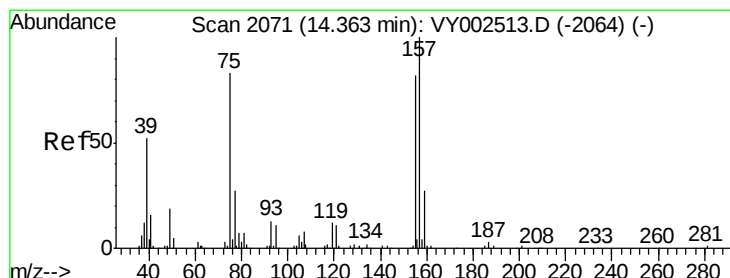
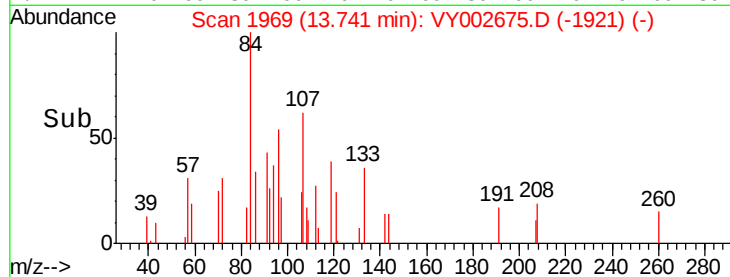
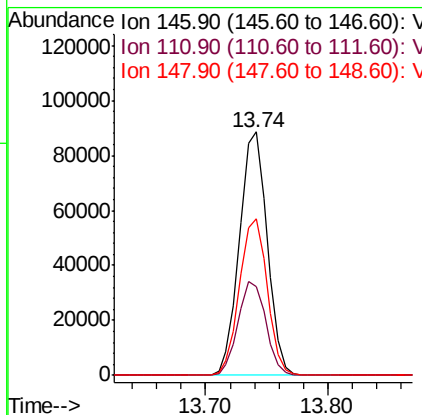
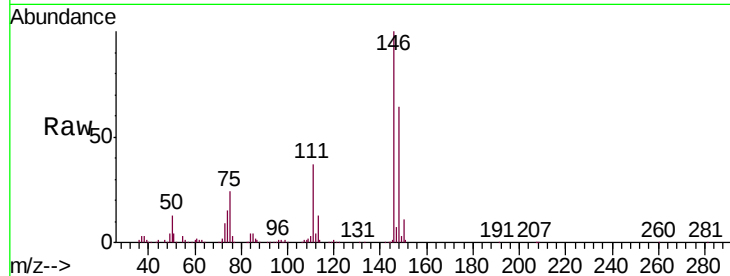




#91
 1,2-Dichlorobenzene
 Concen: 21.084 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

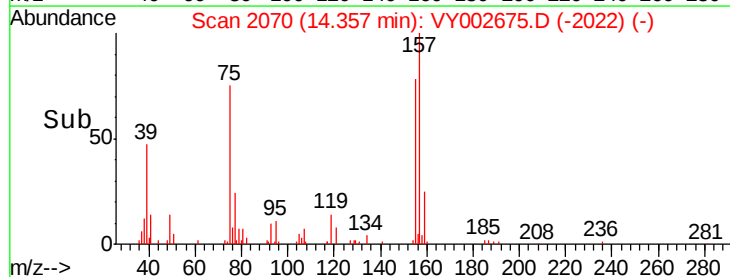
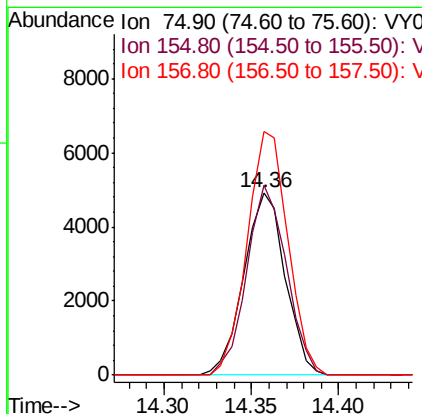
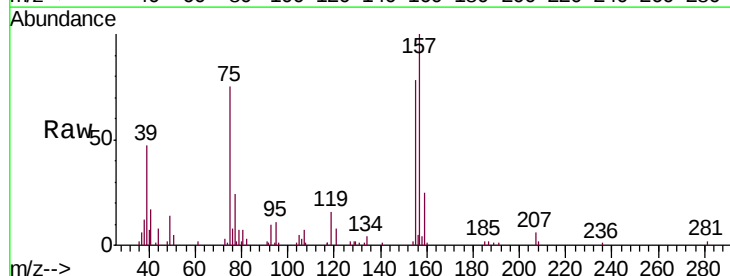
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBSD01

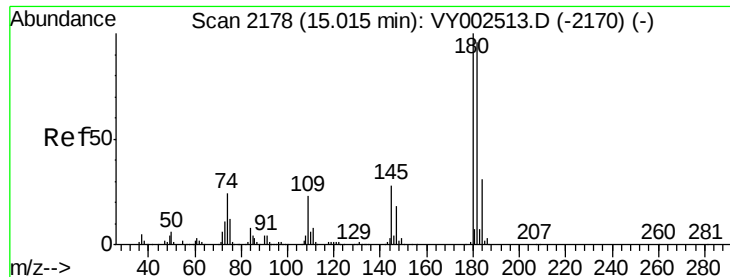
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.5
148	64.4	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.481 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.5	51.3	153.9
157	131.0	65.0	195.0

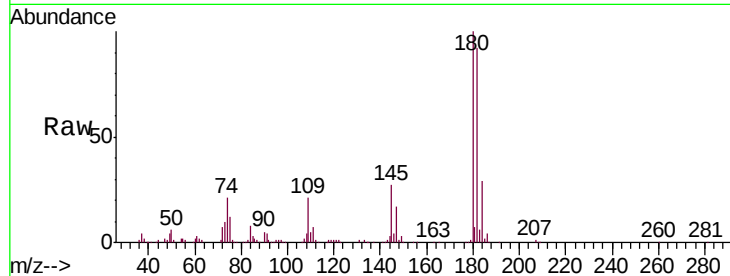




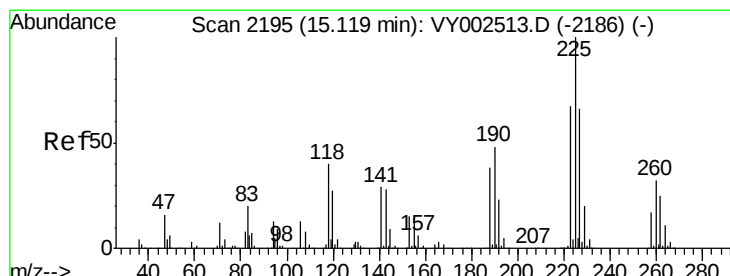
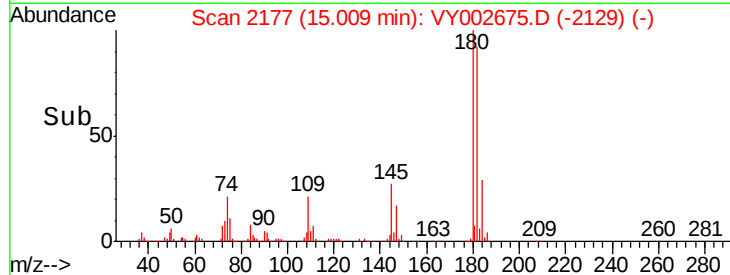
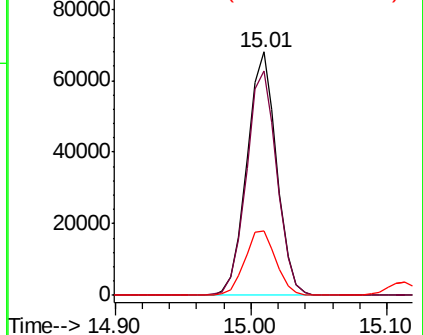
#93
 1,2,4-Trichlorobenzene
 Concen: 21.614 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

Tgt Ion:180 Resp: 103731
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.9 143.6
 145 28.0 14.4 43.0

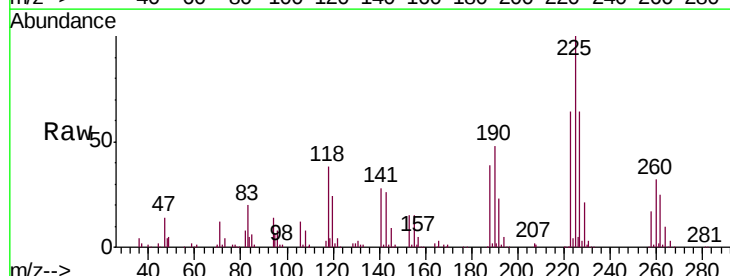


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

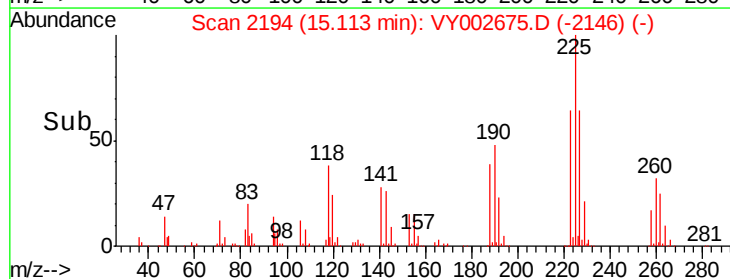
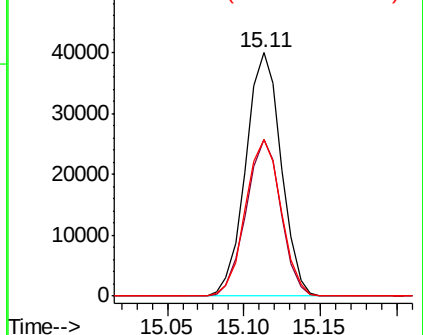


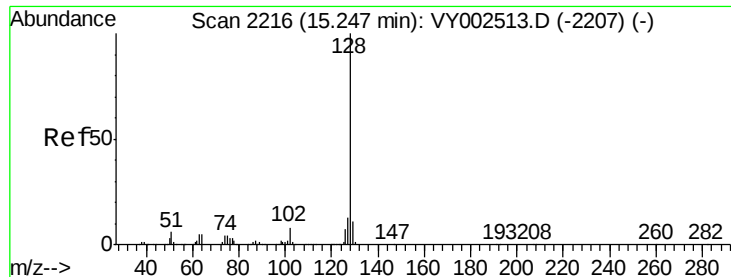
#94
 Hexachlorobutadiene
 Concen: 22.337 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY002675.D
 Acq: 13 May 2020 11:41

Tgt Ion:225 Resp: 64347
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.1 96.5
 227 64.6 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

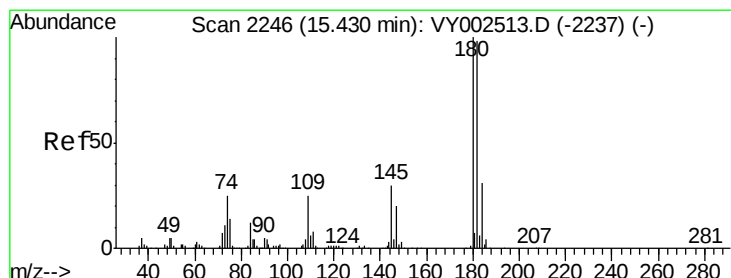
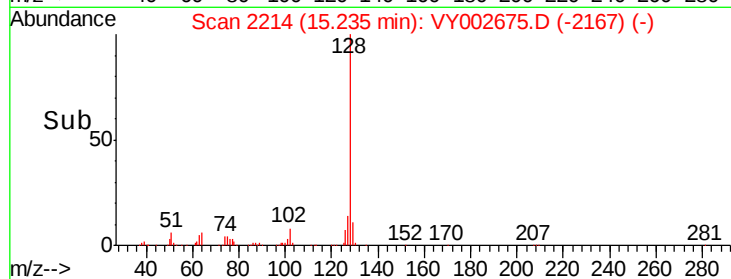
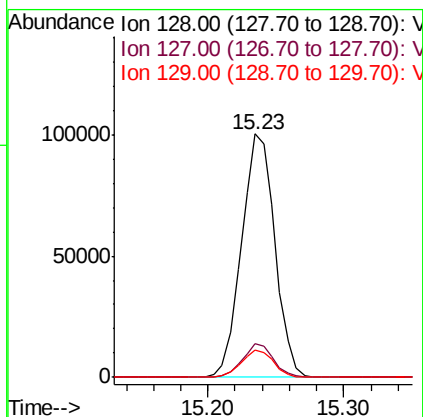
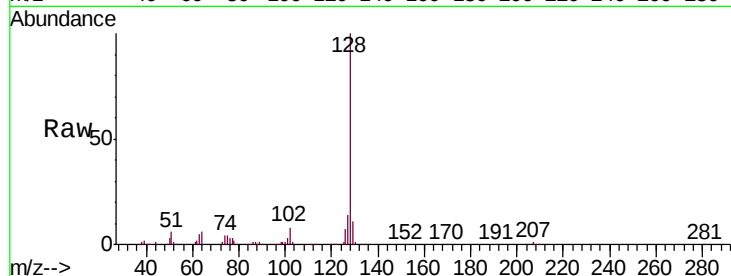




#95
Naphthalene
Concen: 19.552 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

Tgt Ion:128 Resp: 171176
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.925 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY002675.D
Acq: 13 May 2020 11:41

Tgt Ion:180 Resp: 85253
Ion Ratio Lower Upper
180 100
182 96.4 47.9 143.8
145 30.5 15.0 45.1

