

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052020\
 Data File : VY002721.D
 Acq On : 20 May 2020 11:16
 Operator : SY/MD
 Sample : VY0520SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 21 02:42:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	420468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	615474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	553974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	283381	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	163922	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
35) Dibromofluoromethane	7.72	113	177820	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
50) Toluene-d8	10.18	98	707390	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.48	95	239095	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	62197	20.643	ug/l	100
3) Chloromethane	2.12	50	70565	20.450	ug/l	97
4) Vinyl Chloride	2.26	62	75445	20.983	ug/l	97
5) Bromomethane	2.65	94	52393	19.660	ug/l	100
6) Chloroethane	2.80	64	46066	20.035	ug/l	97
7) Trichlorofluoromethane	3.13	101	120502	19.886	ug/l	98
8) Diethyl Ether	3.54	74	41130	19.953	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	76181	20.740	ug/l	99
10) Methyl Iodide	4.10	142	98241	19.431	ug/l	99
11) Tert butyl alcohol	4.97	59	33164	99.290	ug/l	99
12) 1,1-Dichloroethene	3.88	96	73660	19.972	ug/l	97
13) Acrolein	3.74	56	35454	90.499	ug/l	99
14) Allyl chloride	4.49	41	109508	20.682	ug/l	98
15) Acrylonitrile	5.18	53	92692	99.310	ug/l	100
16) Acetone	3.96	43	61674	90.965	ug/l	95
17) Carbon Disulfide	4.20	76	229499	19.838	ug/l	98
18) Methyl Acetate	4.49	43	39450	20.407	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	182487	19.948	ug/l	98
20) Methylene Chloride	4.72	84	79467	19.390	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	82263	20.059	ug/l	97
22) Diisopropyl ether	6.13	45	216851	20.643	ug/l	97
23) Vinyl Acetate	6.07	43	680184	101.120	ug/l	99
24) 1,1-Dichloroethane	6.03	63	127641	20.334	ug/l	99
25) 2-Butanone	6.99	43	109103	97.259	ug/l	99
26) 2,2-Dichloropropane	6.99	77	119379	20.440	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	88776	20.034	ug/l	98
28) Bromochloromethane	7.34	49	52203	21.023	ug/l	98
29) Tetrahydrofuran	7.35	42	75991	99.562	ug/l	99
30) Chloroform	7.52	83	131211	20.140	ug/l	100
31) Cyclohexane	7.79	56	128516	20.186	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	120761	20.061	ug/l	100
36) 1,1-Dichloropropene	7.93	75	107360	20.605	ug/l	99
37) Ethyl Acetate	7.08	43	53294	20.796	ug/l	99
38) Carbon Tetrachloride	7.91	117	112944	20.169	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	141996	20.268	ug/l	98
40) Benzene	8.16	78	310771	20.442	ug/l	99
41) Methacrylonitrile	7.35	41	67588	43.899	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	79919	19.932	ug/l	99
43) Isopropyl Acetate	8.28	43	96308	20.222	ug/l	98
44) Trichloroethene	8.94	130	98731	20.374	ug/l	98
45) 1,2-Dichloropropane	9.22	63	73153	20.275	ug/l	99
46) Dibromomethane	9.31	93	40883	20.168	ug/l	100
47) Bromodichloromethane	9.50	83	99498	20.111	ug/l	94
48) Methyl methacrylate	9.30	41	43812	19.980	ug/l	97
49) 1,4-Dioxane	9.30	88	10338	374.446	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	248726	101.154	ug/l	99
52) Toluene	10.24	92	196932	20.017	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	104734	19.834	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	124986	20.417	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	60896	20.178	ug/l	99
56) Ethyl methacrylate	10.51	69	80709	20.088	ug/l	99
57) 1,3-Dichloropropane	10.79	76	100873	19.946	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	195708	98.671	ug/l	100
59) 2-Hexanone	10.83	43	168423	98.314	ug/l	99
60) Dibromochloromethane	10.99	129	77039	19.981	ug/l	99
61) 1,2-Dibromoethane	11.09	107	59568	20.034	ug/l	100
64) Tetrachloroethene	10.72	164	108470	20.624	ug/l	99
65) Chlorobenzene	11.52	112	218214	20.385	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	81316	20.467	ug/l	99
67) Ethyl Benzene	11.60	91	383654	20.412	ug/l	98
68) m/p-Xylenes	11.70	106	296084	40.490	ug/l	99
69) o-Xylene	12.03	106	139980	20.395	ug/l	99
70) Styrene	12.05	104	239640	20.336	ug/l	99
71) Bromoform	12.21	173	48967	19.939	ug/l #	100
73) Isopropylbenzene	12.33	105	384274	20.753	ug/l	100
74) N-amyl acetate	12.14	43	89847	20.678	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	55161	20.230	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	88072	37.834	ug/l #	100
77) Bromobenzene	12.61	156	94586	20.432	ug/l	99
78) n-propylbenzene	12.67	91	446058	20.708	ug/l	100
79) 2-Chlorotoluene	12.76	91	244481	20.463	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	318341	20.461	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	24957	20.275	ug/l #	77
82) 4-Chlorotoluene	12.86	91	257178	20.550	ug/l	99
83) tert-Butylbenzene	13.08	119	280661	20.383	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	314895	20.251	ug/l	100
85) sec-Butylbenzene	13.25	105	391125	20.585	ug/l	100
86) p-Isopropyltoluene	13.37	119	364027	20.468	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	178506	19.999	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	177551	19.980	ug/l	99
89) n-Butylbenzene	13.70	91	333019	20.389	ug/l	100
90) Hexachloroethane	13.96	117	65897	20.004	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	157549	19.682	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10439	19.964	ug/l	94

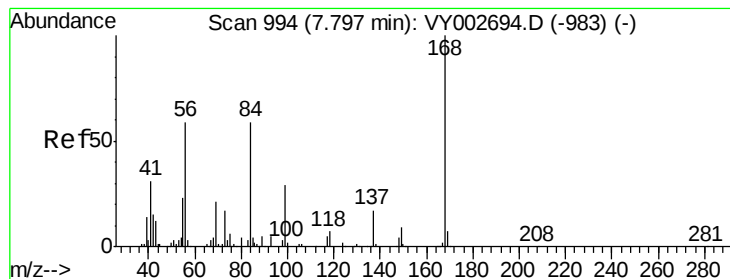
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	114762	17.839	ug/l	99
94) Hexachlorobutadiene	15.11	225	71513	18.449	ug/l	99
95) Naphthalene	15.23	128	200987	18.231	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	95185	17.155	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

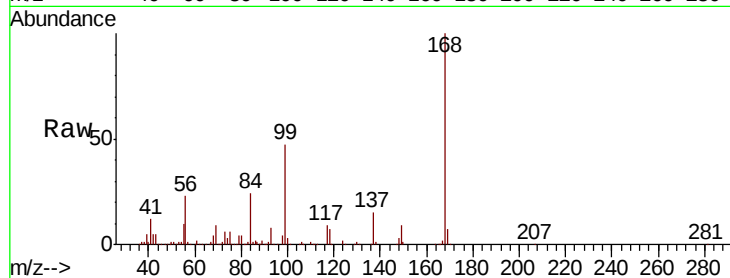
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 420468

Ion Ratio Lower Upper

168 100

99 47.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002721.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002721.D (-945) (-)

7.80

200000

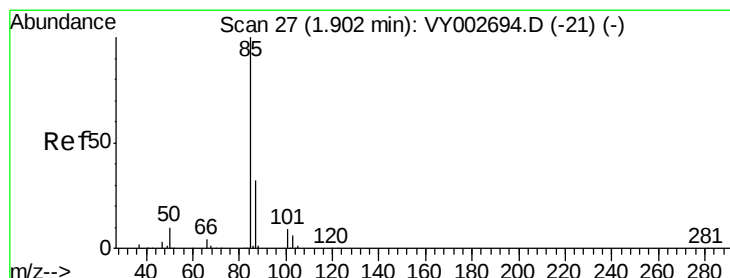
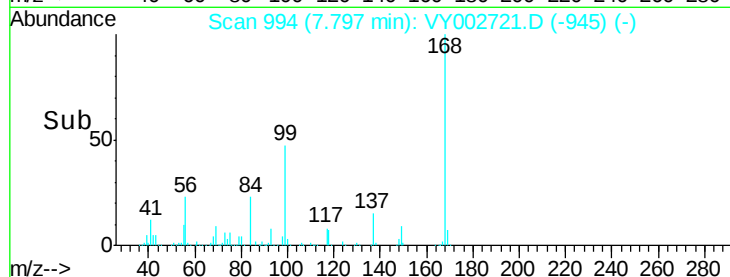
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.643 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002721.D

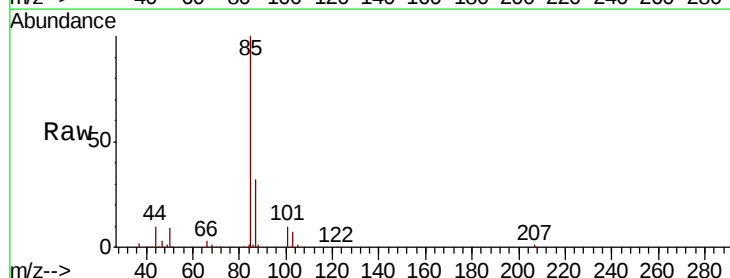
Acq: 20 May 2020 11:16

Tgt Ion: 85 Resp: 62197

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002721.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002721.D (-1) (-)

1.91

50000

40000

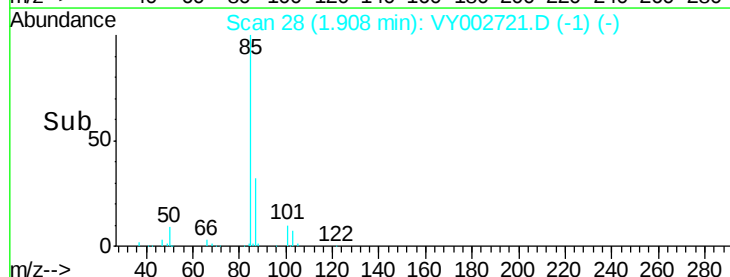
30000

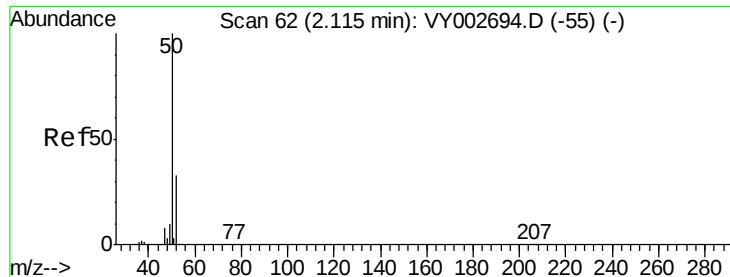
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.450 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

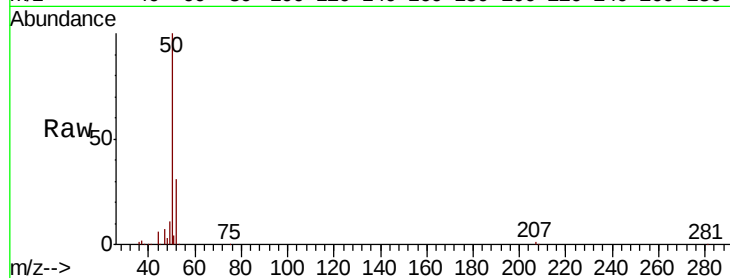
ClientSampled :

Tot Ion: 50 Resp: 70565

Ion Ratio Lower Upper

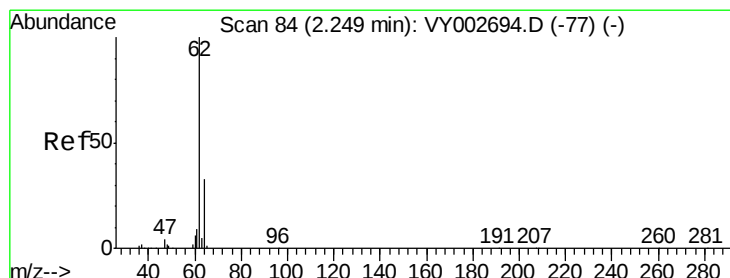
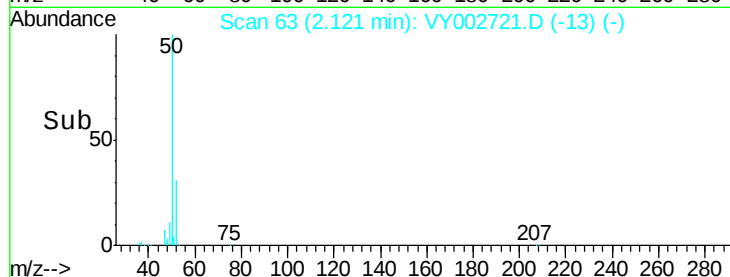
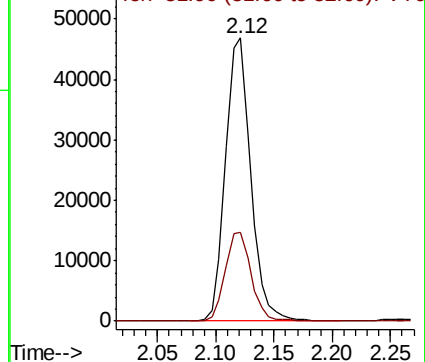
50 100

52 31.3 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.983 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY002721.D

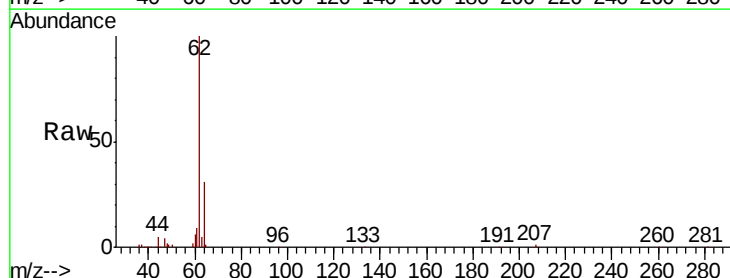
Acq: 20 May 2020 11:16

Tgt Ion: 62 Resp: 75445

Ion Ratio Lower Upper

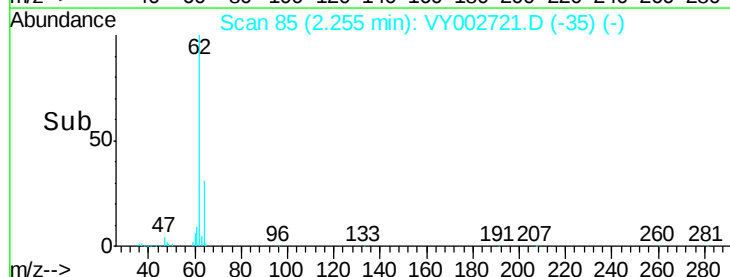
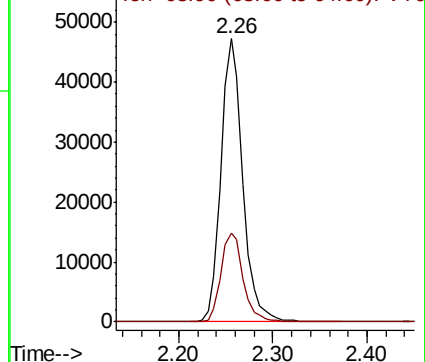
62 100

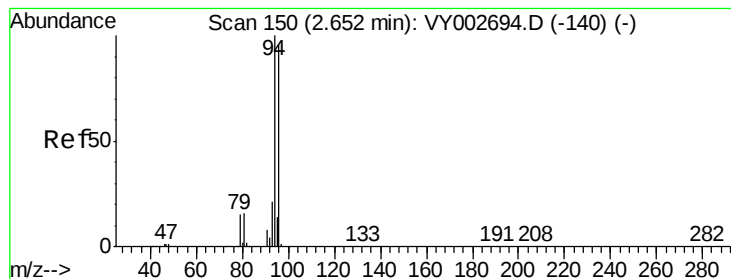
64 31.3 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.660 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

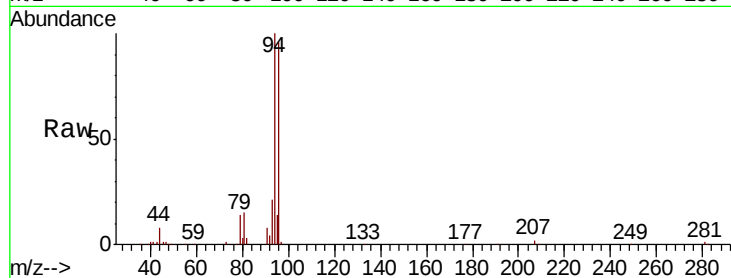
ClientSampleId :

Tot Ion: 94 Resp: 52393

Ion Ratio Lower Upper

94 100

96 96.1 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

25000

20000

15000

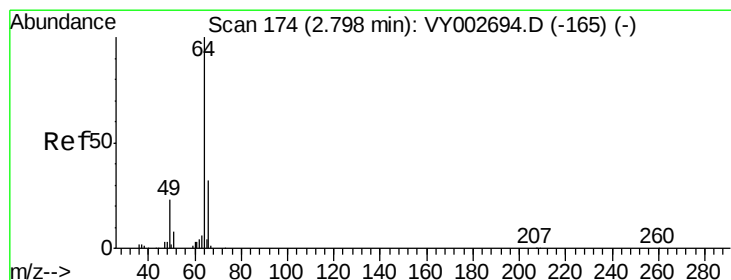
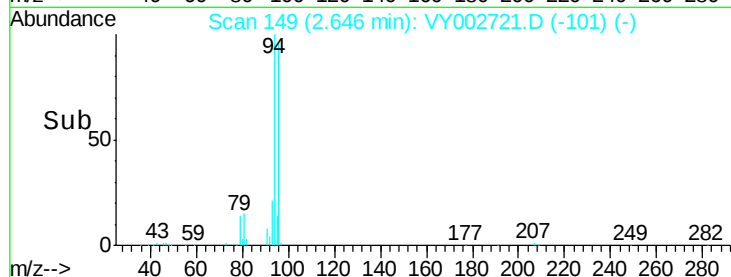
10000

5000

0

Time--> 2.50 2.60 2.70 2.80

2.65



#6

Chloroethane

Concen: 20.035 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY002721.D

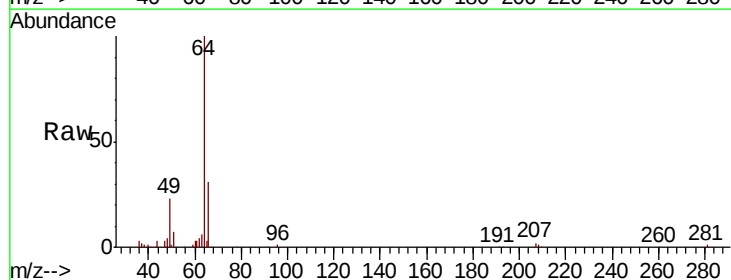
Acq: 20 May 2020 11:16

Tgt Ion: 64 Resp: 46066

Ion Ratio Lower Upper

64 100

66 31.0 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

25000

20000

15000

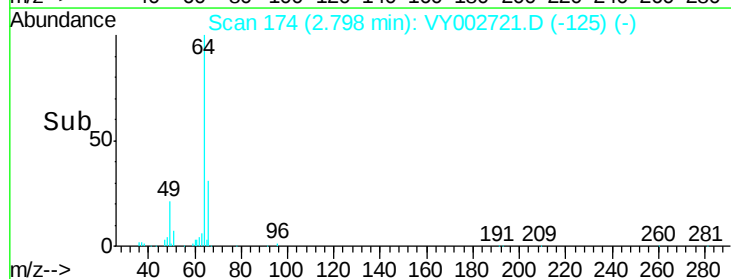
10000

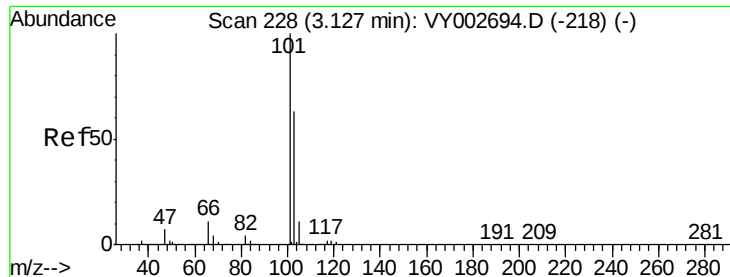
5000

0

Time--> 2.70 2.80 2.90

2.80



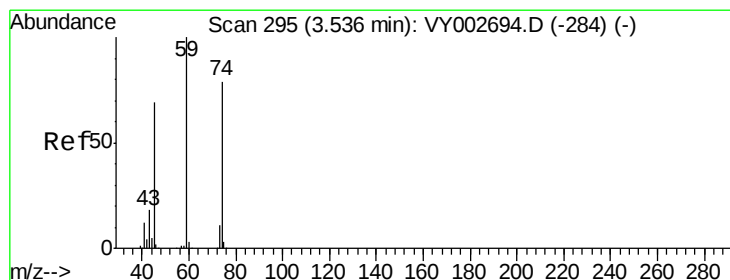
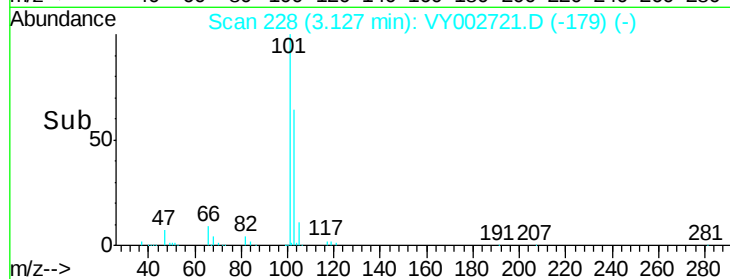
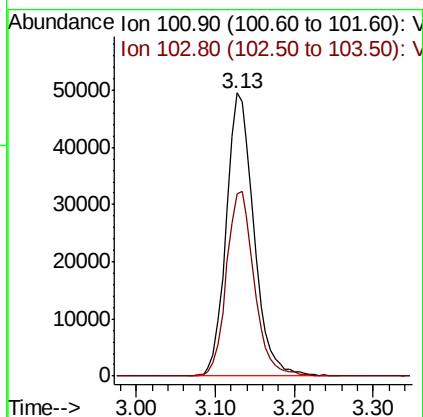
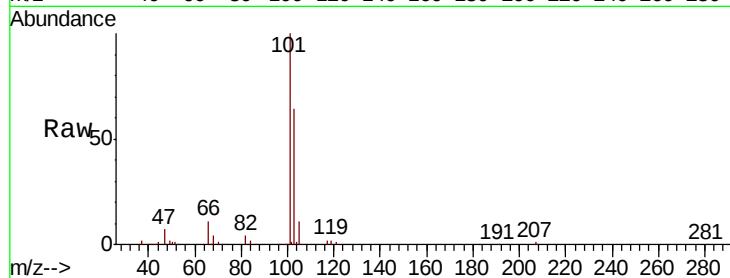


#7

Trichlorofluoromethane
Concen: 19.886 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Instrument :
MSVOA_Y
ClientSampled :

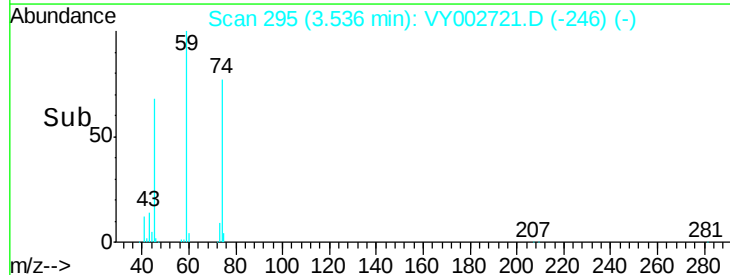
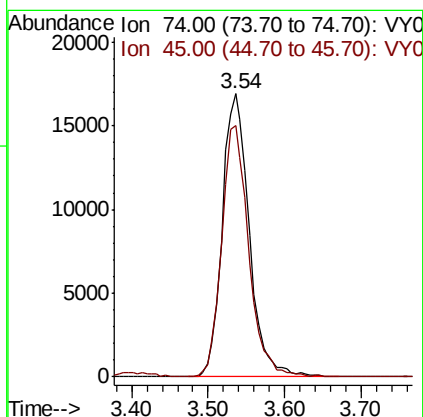
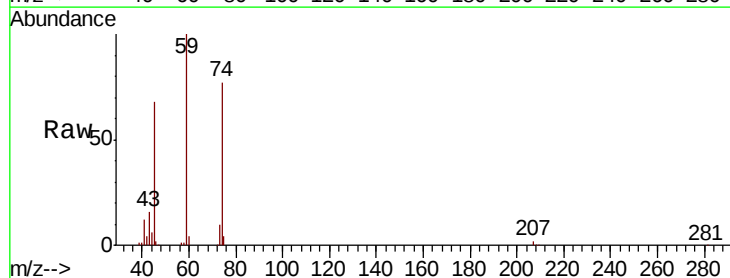
Tot Ion:101 Resp: 120502
Ion Ratio Lower Upper
101 100
103 64.4 50.6 75.8

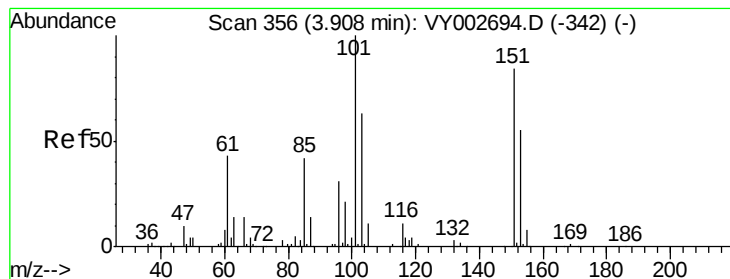


#8

Diethyl Ether
Concen: 19.953 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Tgt Ion: 74 Resp: 41130
Ion Ratio Lower Upper
74 100
45 89.3 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.740 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

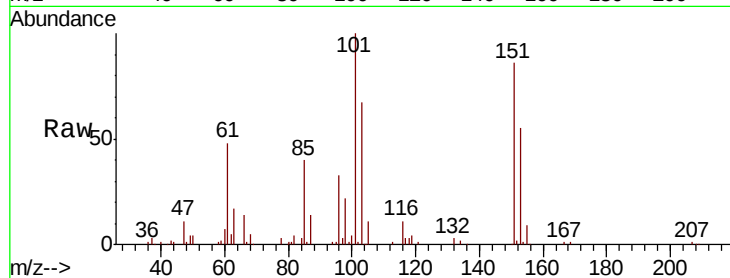
Tot Ion:101 Resp: 76181

Ion Ratio Lower Upper

101 100

85 41.3 33.5 50.3

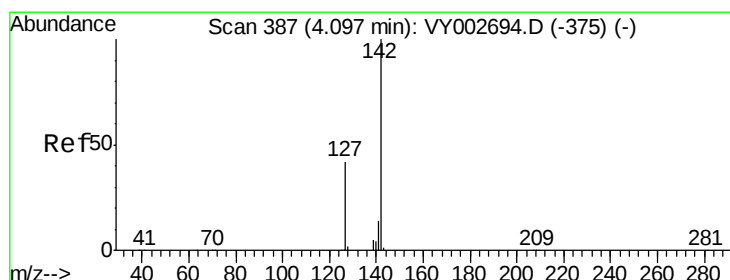
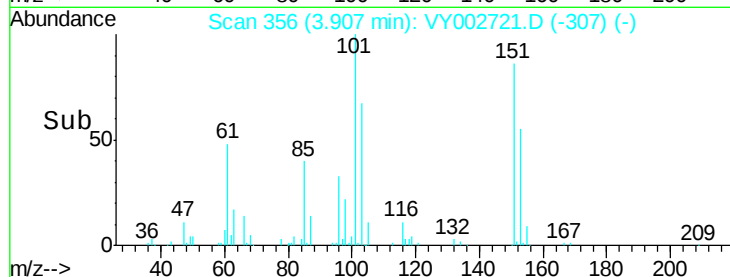
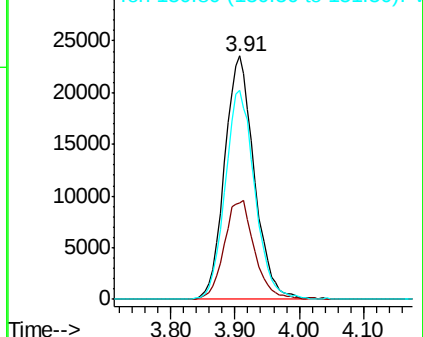
151 85.8 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.431 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

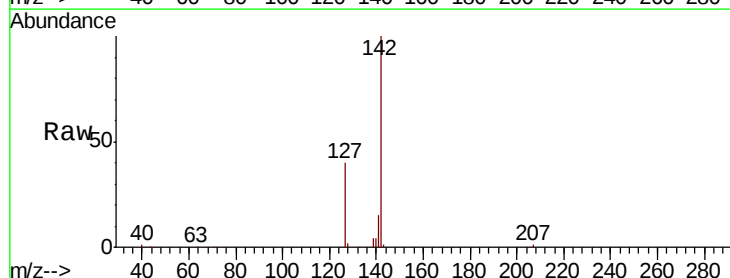
Tgt Ion:142 Resp: 98241

Ion Ratio Lower Upper

142 100

127 40.3 32.8 49.2

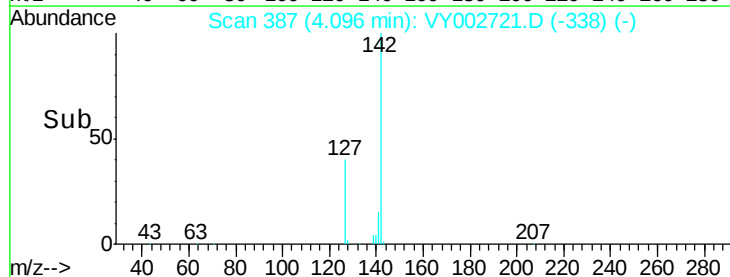
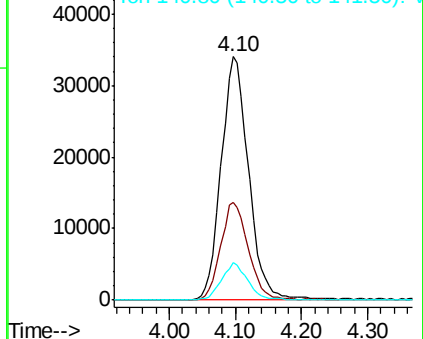
141 14.4 11.3 16.9

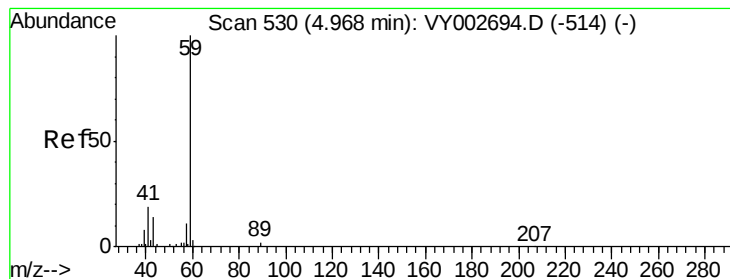


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



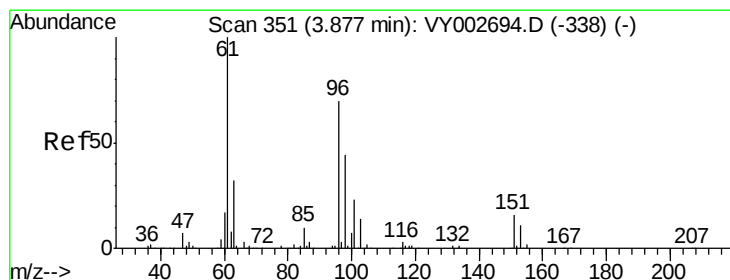
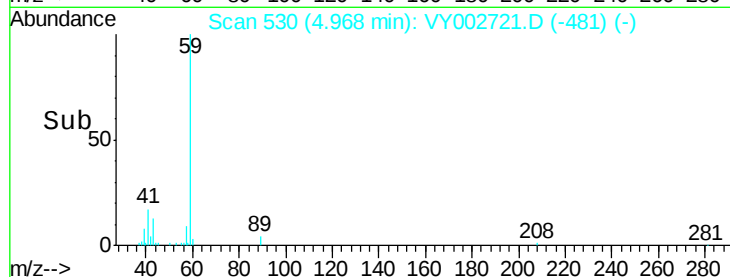
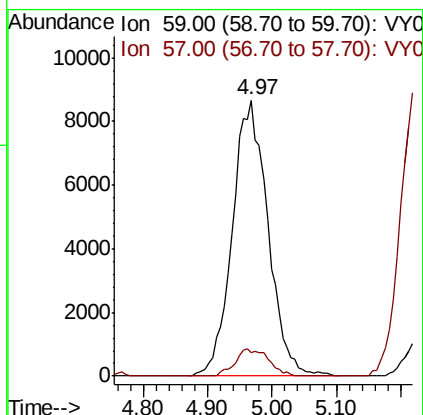
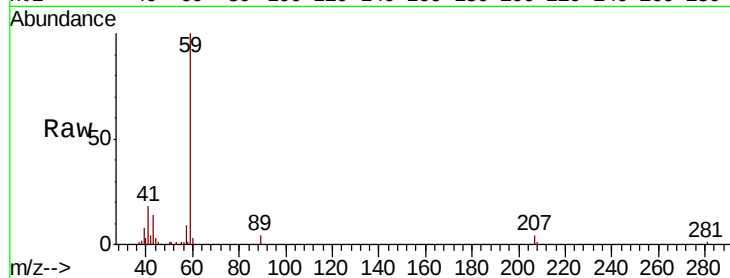


#11

Tert butyl alcohol
 Concen: 99.290 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :

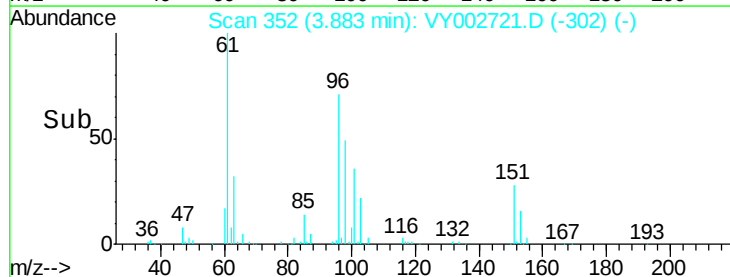
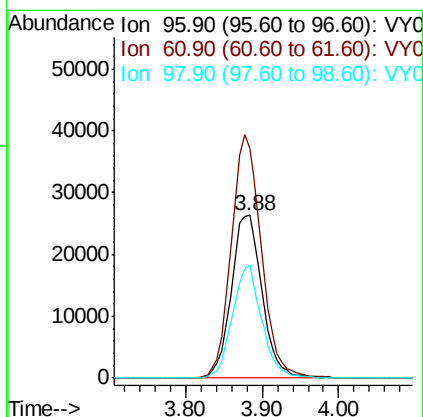
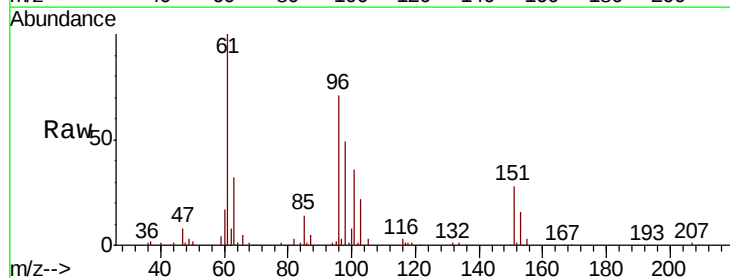
Tot Ion: 59 Resp: 33164
 Ion Ratio Lower Upper
 59 100
 57 9.2 7.7 11.5

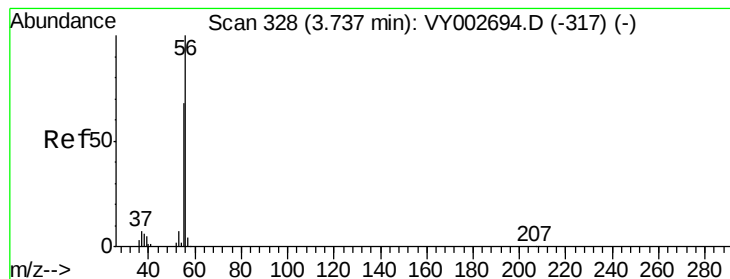


#12

1,1-Dichloroethene
 Concen: 19.972 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

Tgt Ion: 96 Resp: 73660
 Ion Ratio Lower Upper
 96 100
 61 141.2 113.8 170.8
 98 69.6 50.4 75.6





#13

Acrolein

Concen: 90.499 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

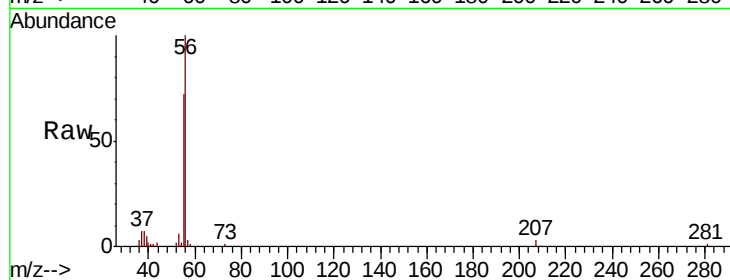
ClientSampleId :

Tot Ion: 56 Resp: 35454

Ion Ratio Lower Upper

56 100

55 69.3 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

15000

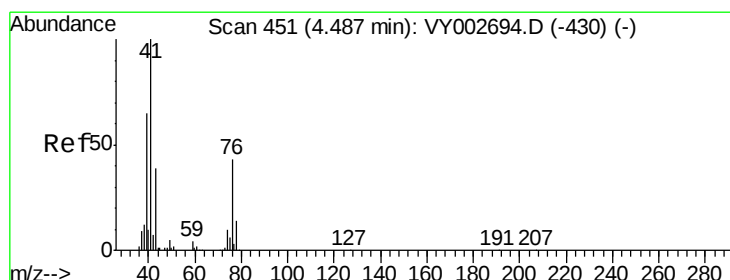
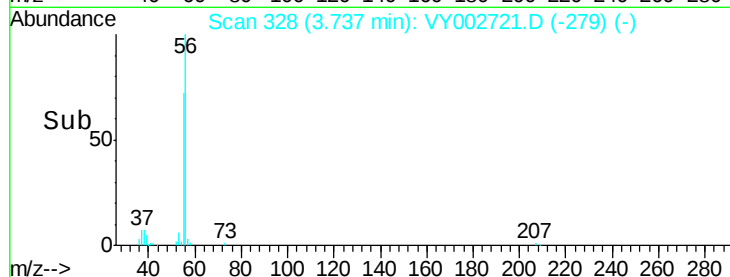
10000

5000

0

3.74

Time-->



#14

Allyl chloride

Concen: 20.682 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

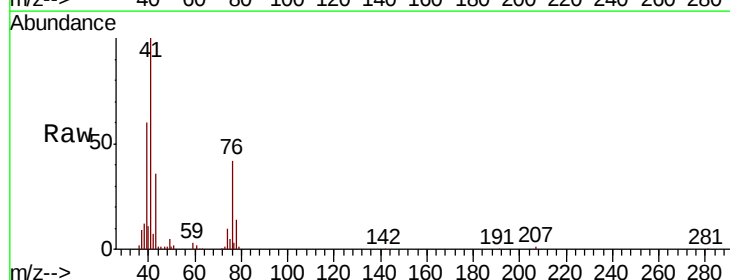
Tgt Ion: 41 Resp: 109508

Ion Ratio Lower Upper

41 100

39 61.0 50.3 75.5

76 40.2 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

60000

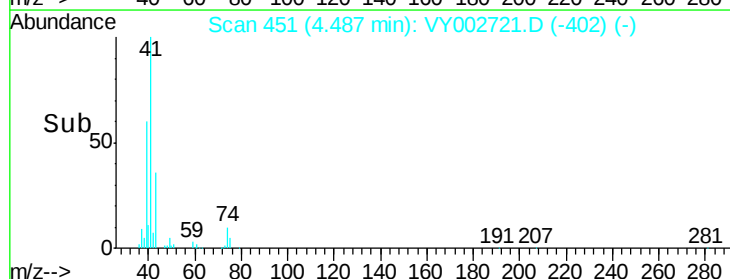
40000

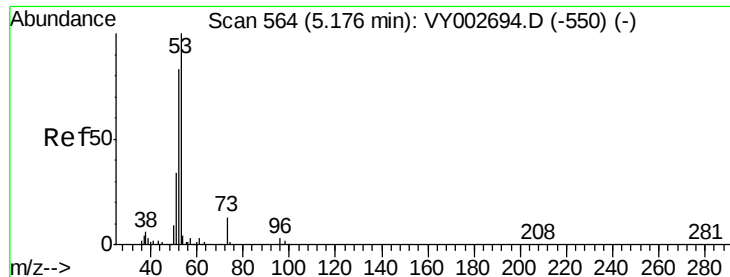
20000

0

4.49

Time-->





#15

Acrylonitrile

Concen: 99.310 ug/l

RT: 5.18 min Scan# 564

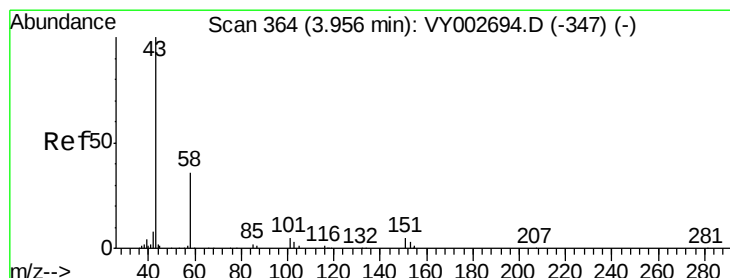
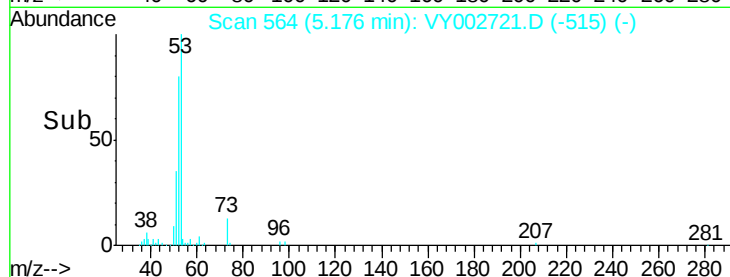
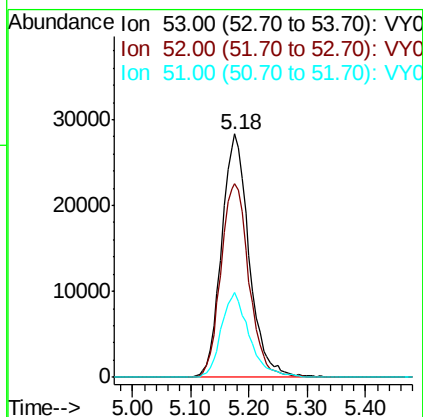
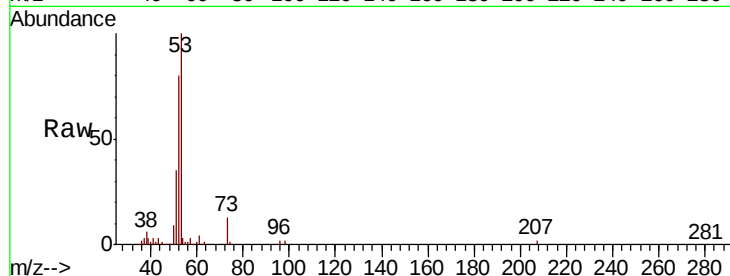
Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	53	Resp:	92692
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.0	97.6
51	35.5	27.9	41.9



#16

Acetone

Concen: 90.965 ug/l

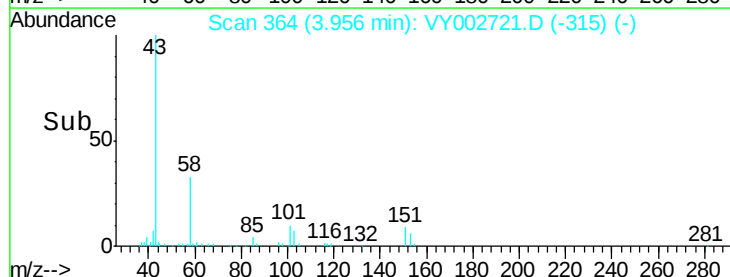
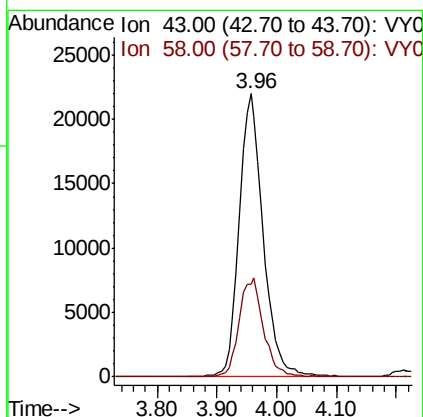
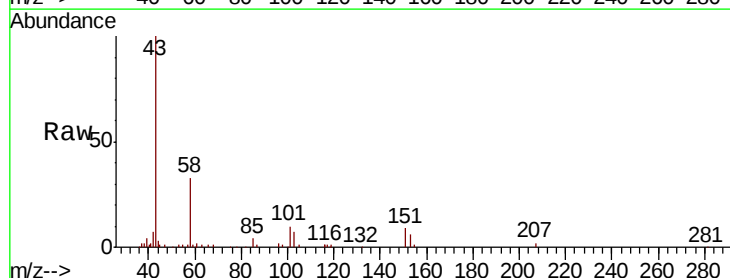
RT: 3.96 min Scan# 364

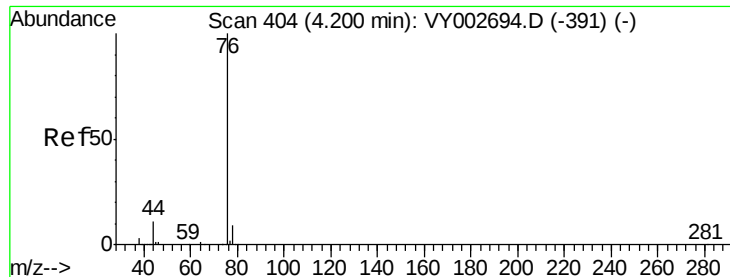
Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Tgt Ion:	43	Resp:	61674
Ion	Ratio	Lower	Upper
43	100		
58	32.8	28.6	43.0

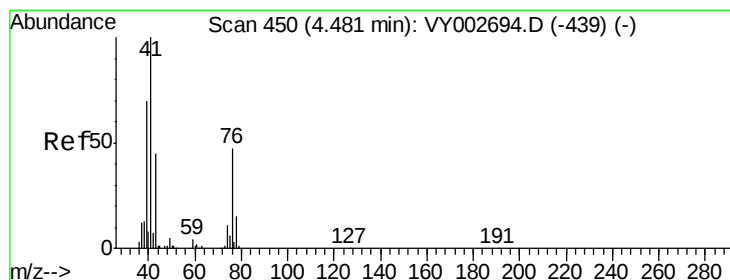
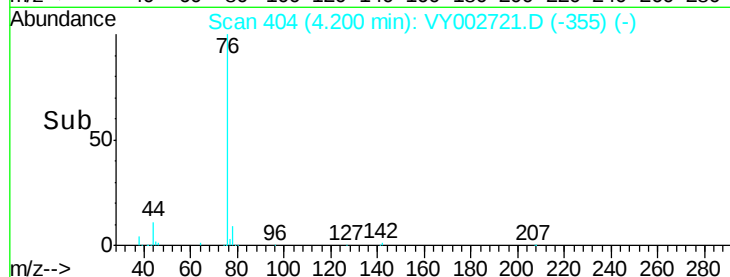
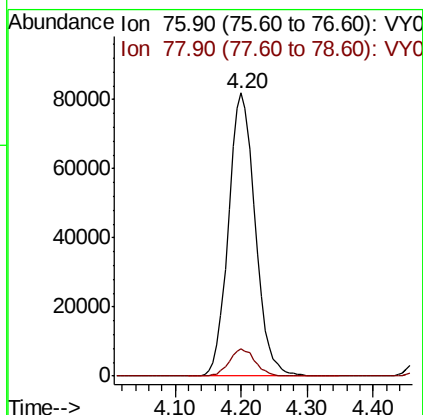
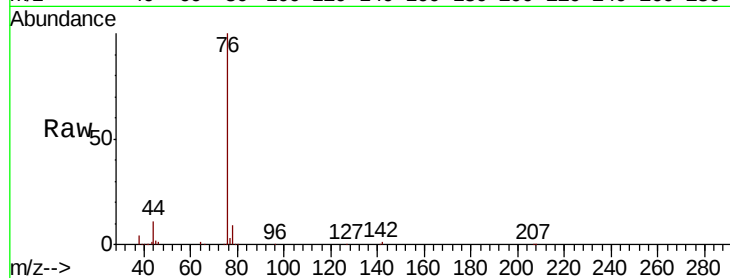




#17
Carbon Disulfide
Concen: 19.838 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

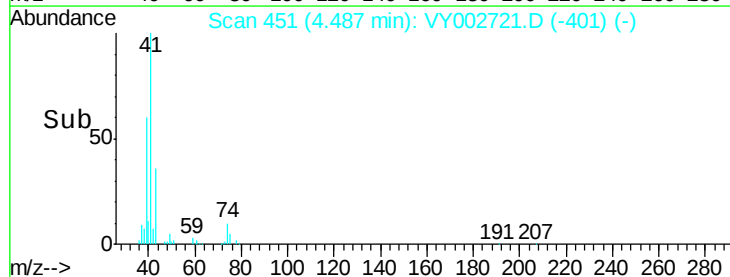
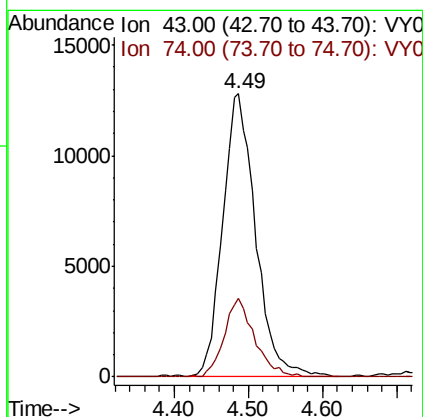
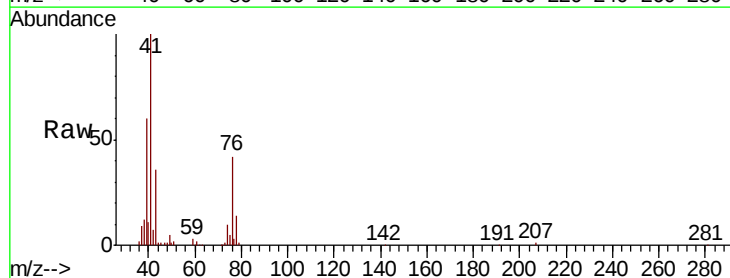
Instrument :
MSVOA_Y
ClientSampleId :

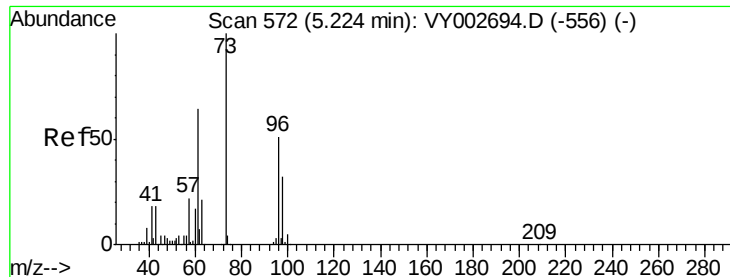
Tot Ion: 76 Resp: 229499
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 20.407 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Tgt Ion: 43 Resp: 39450
Ion Ratio Lower Upper
43 100
74 25.6 21.1 31.7

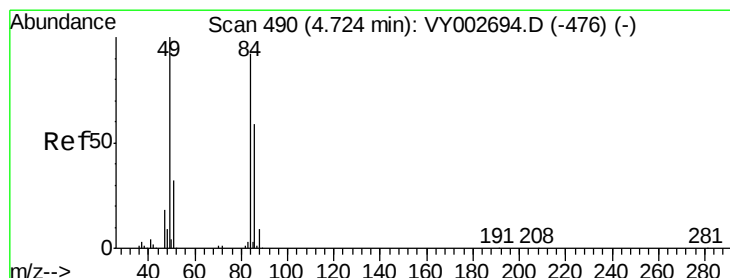
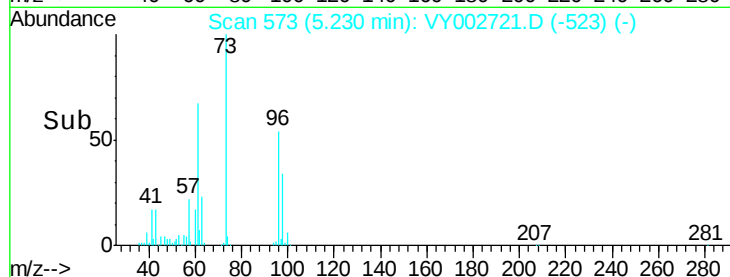
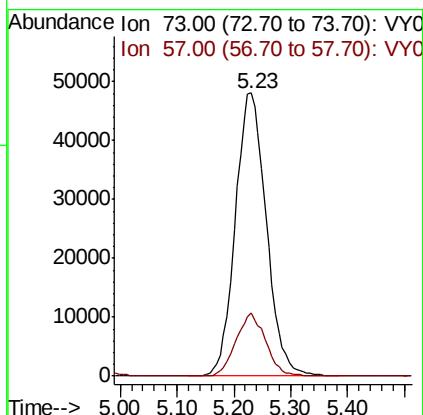
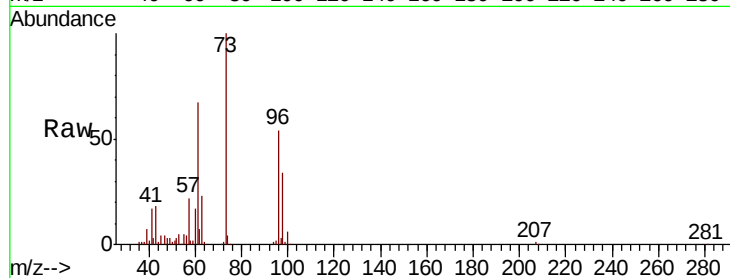




#19
Methvl tert-butvl Ether
Concen: 19.948 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

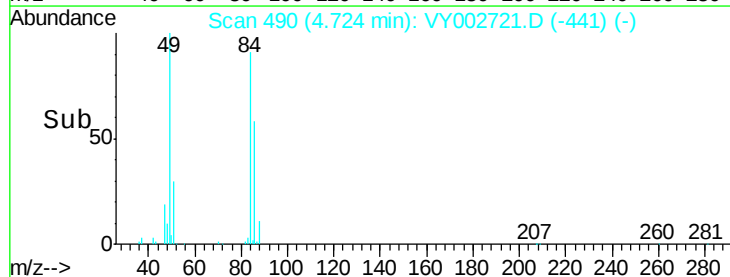
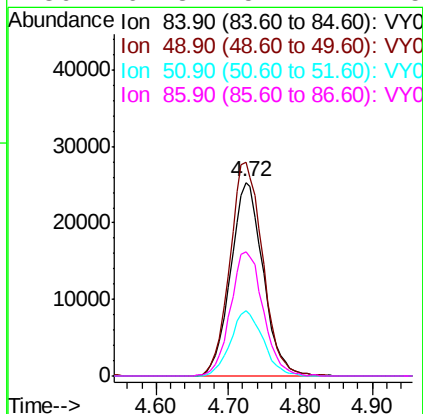
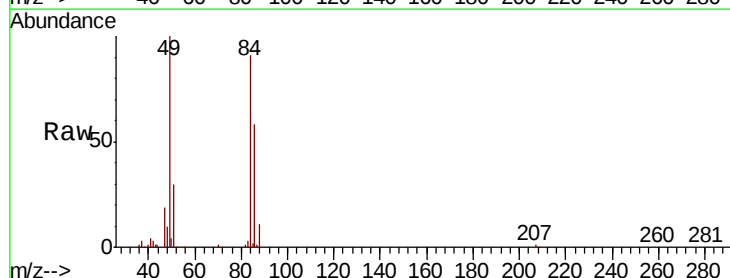
Instrument :
MSVOA_Y
ClientSampled :

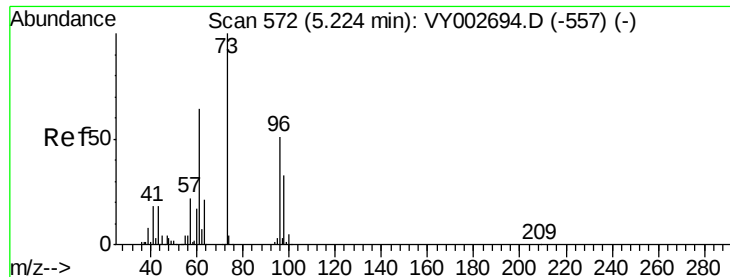
Tot Ion: 73 Resp: 182487
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9



#20
Methylene Chloride
Concen: 19.390 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Tgt Ion: 84 Resp: 79467
Ion Ratio Lower Upper
84 100
49 110.3 87.4 131.0
51 33.4 27.9 41.9
86 64.3 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 20.059 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

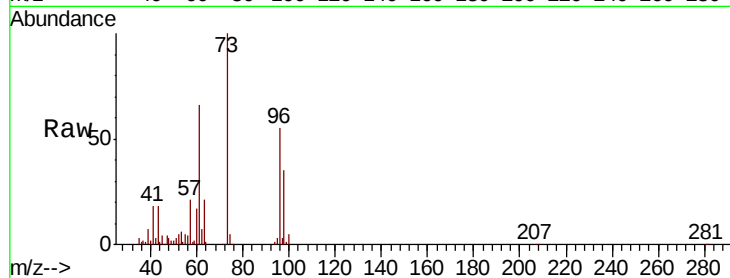
Tot Ion: 96 Resp: 82263

Ion Ratio Lower Upper

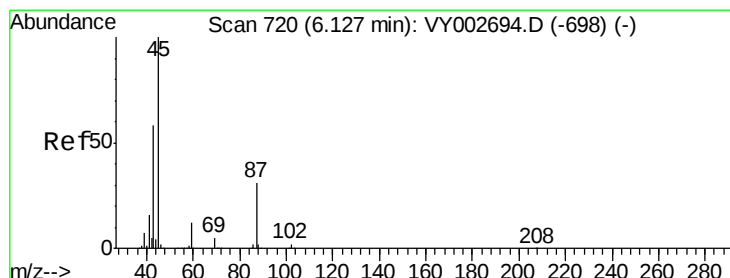
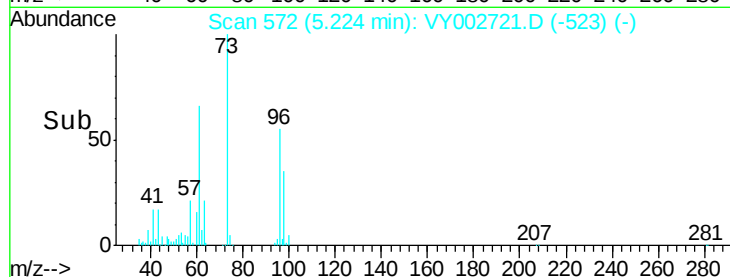
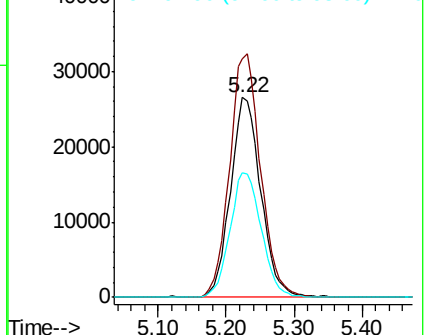
96 100

61 119.4 99.6 149.4

98 62.5 50.6 76.0



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



#22

Diisopropyl ether

Concen: 20.643 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Tgt Ion: 45 Resp: 216851

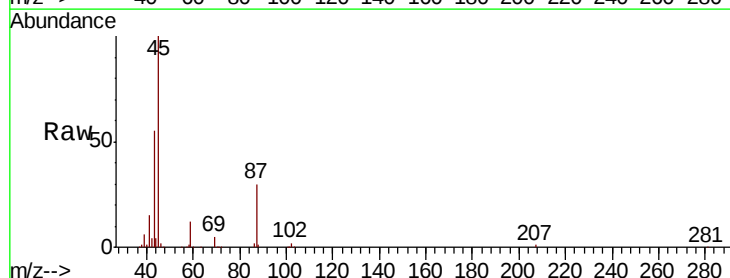
Ion Ratio Lower Upper

45 100

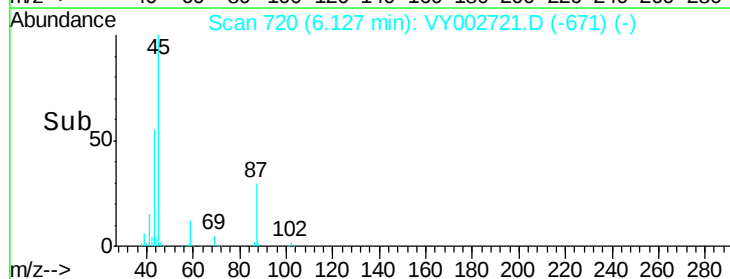
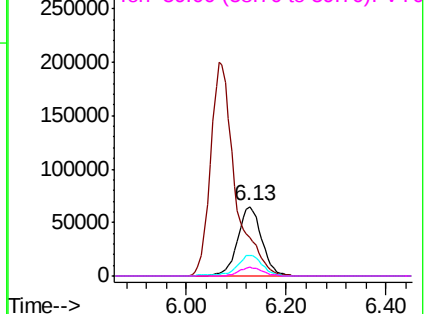
43 54.6 46.1 69.1

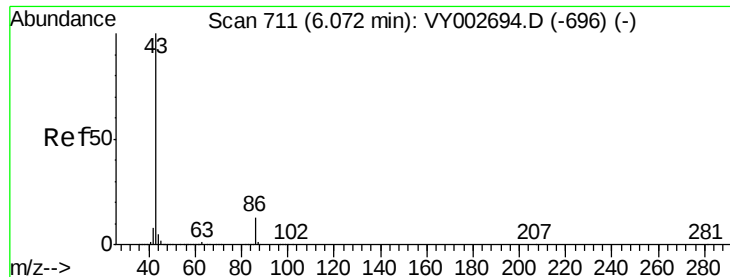
87 29.5 24.9 37.3

59 12.3 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 101.120 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

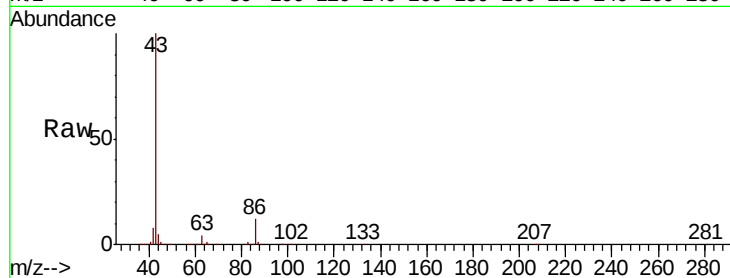
ClientSampleId :

Tot Ion: 43 Resp: 680184

Ion Ratio Lower Upper

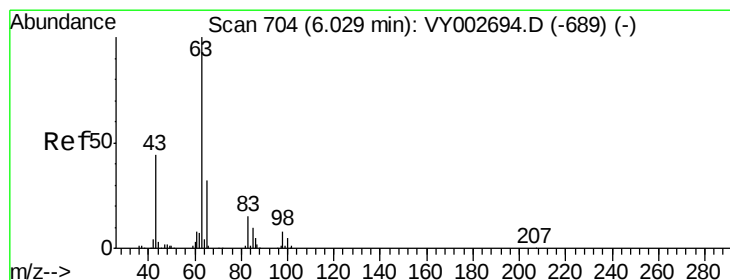
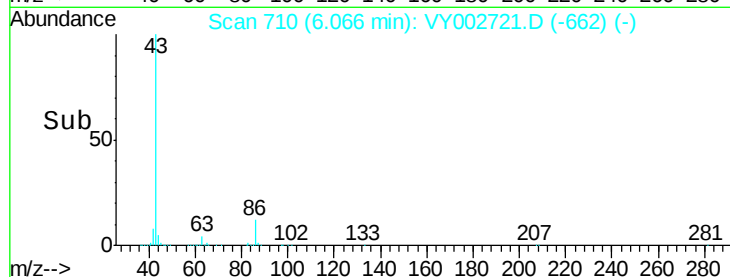
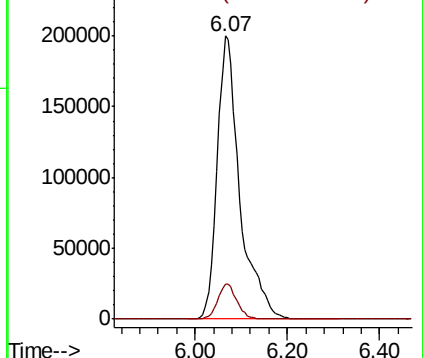
43 100

86 12.2 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.334 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

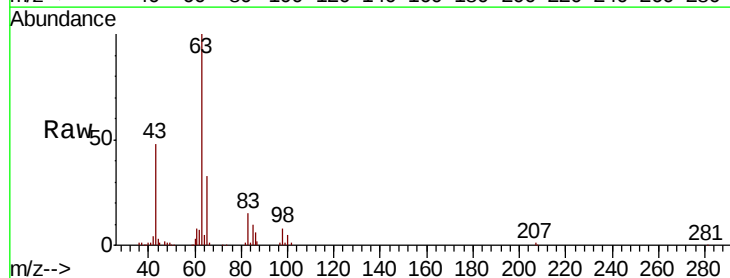
Tgt Ion: 63 Resp: 127641

Ion Ratio Lower Upper

63 100

98 8.2 4.0 11.9

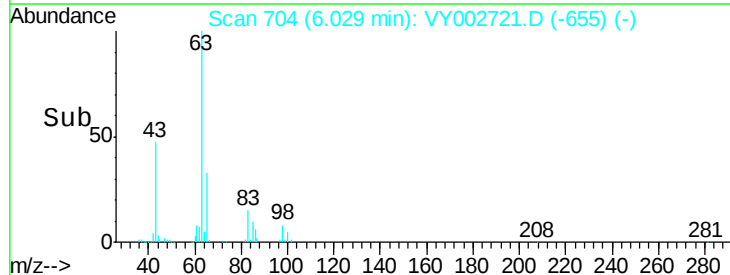
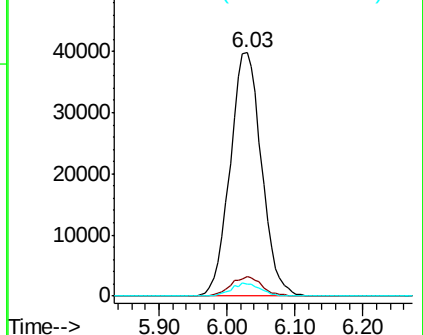
100 5.0 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

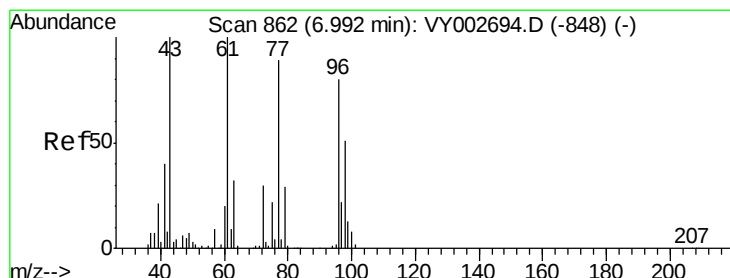
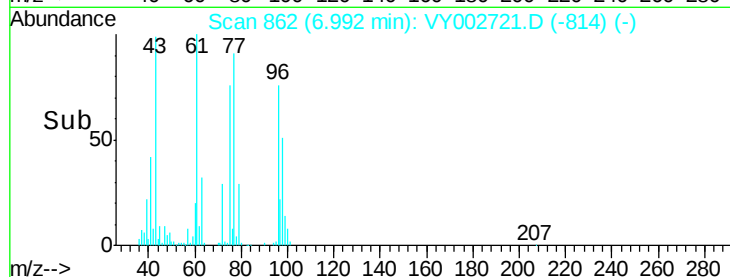
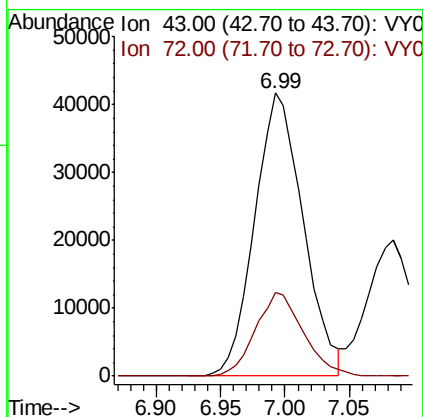
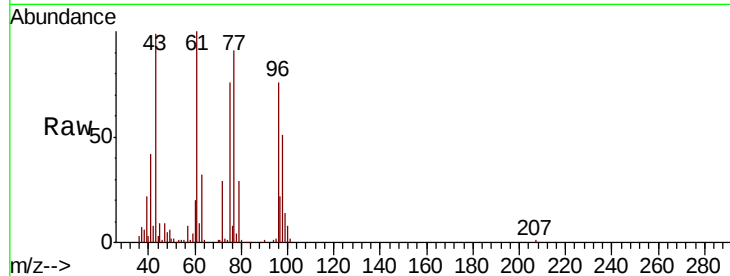




#25
2-Butanone
Concen: 97.259 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

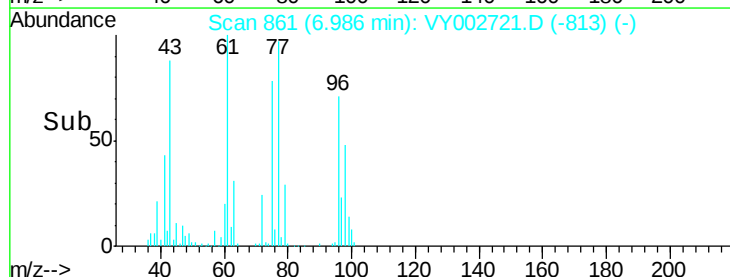
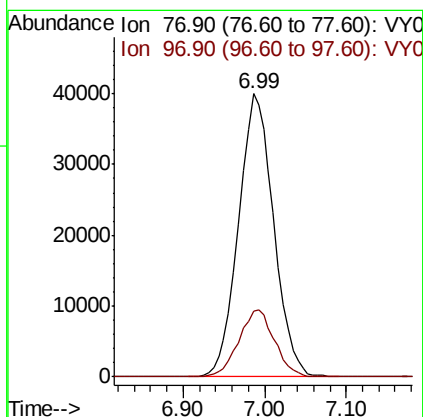
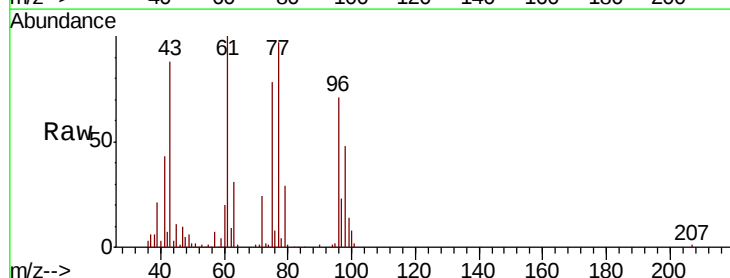
Instrument :
MSVOA_Y
ClientSampled :

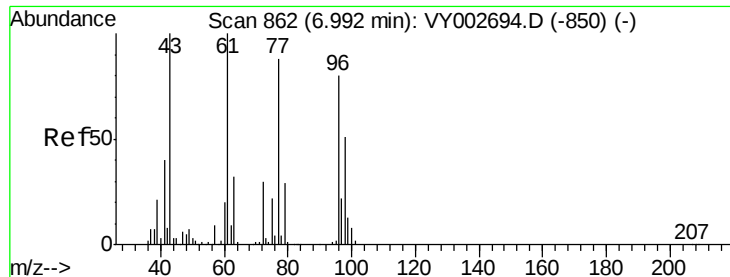
Tot Ion: 43 Resp: 109103
Ion Ratio Lower Upper
43 100
72 29.6 24.1 36.1



#26
2,2-Dichloropropane
Concen: 20.440 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Tgt Ion: 77 Resp: 119379
Ion Ratio Lower Upper
77 100
97 23.9 12.3 36.9



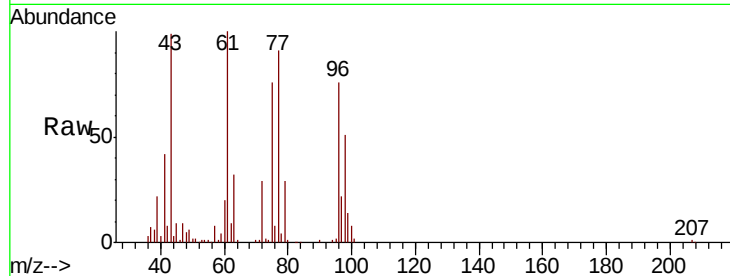


#27

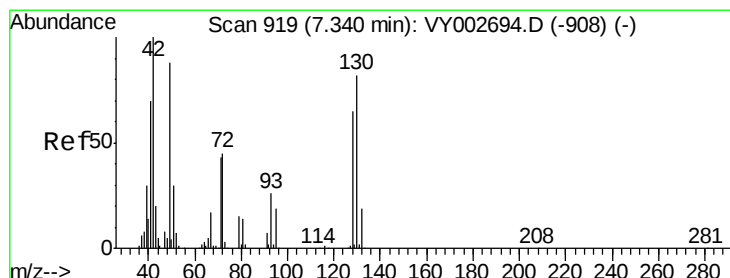
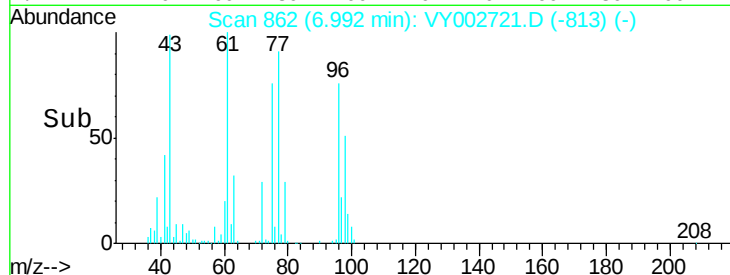
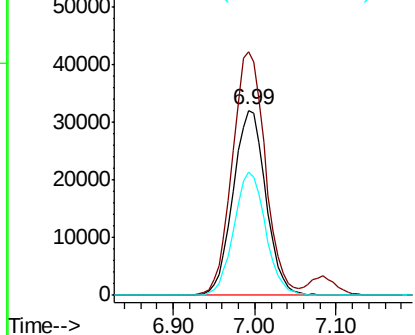
cis-1,2-Dichloroethene
Concen: 20.034 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 88776
Ion Ratio Lower Upper
96 100
61 132.5 0.0 258.0
98 64.6 0.0 128.4



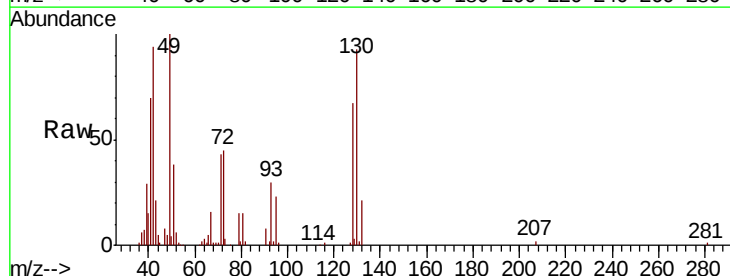
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



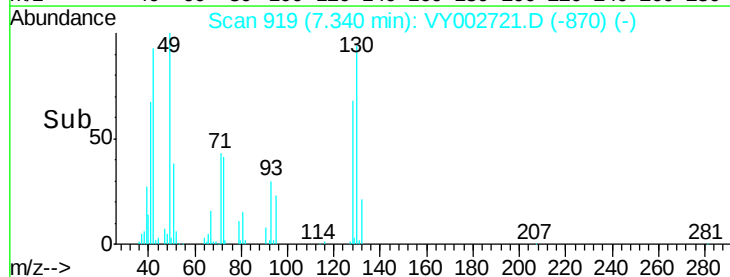
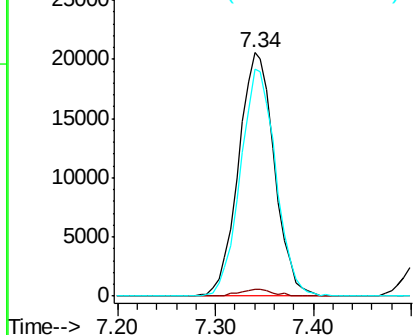
#28

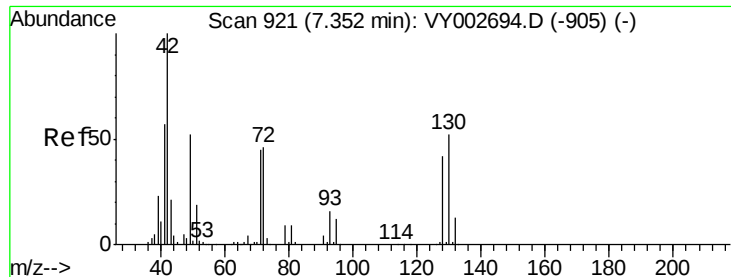
Bromochloromethane
Concen: 21.023 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Tgt Ion: 49 Resp: 52203
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.6
130 92.1 75.3 112.9



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

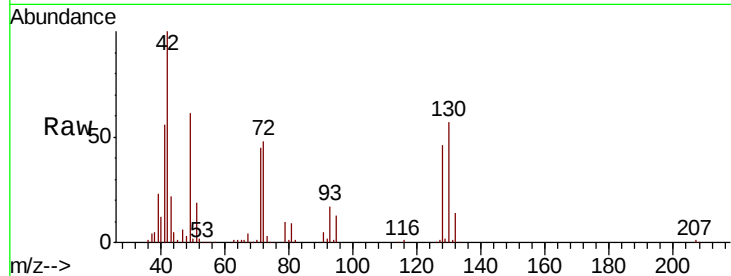




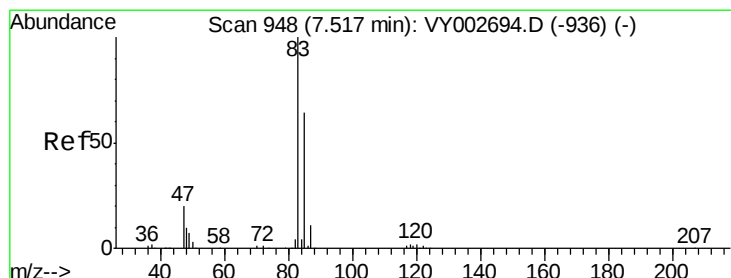
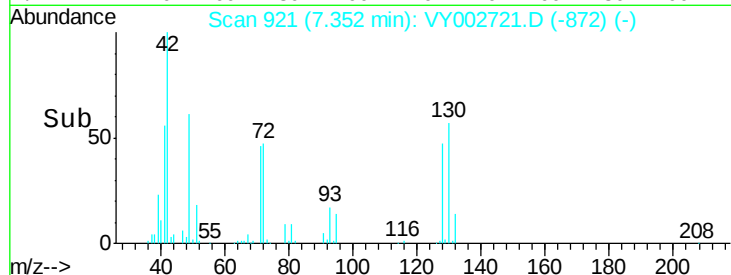
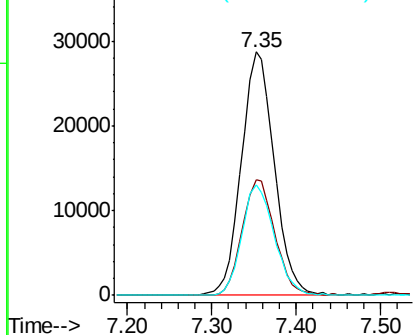
#29
Tetrahydrofuran
Concen: 99.562 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 75991
Ion Ratio Lower Upper
42 100
72 46.9 38.2 57.2
71 44.6 35.8 53.8

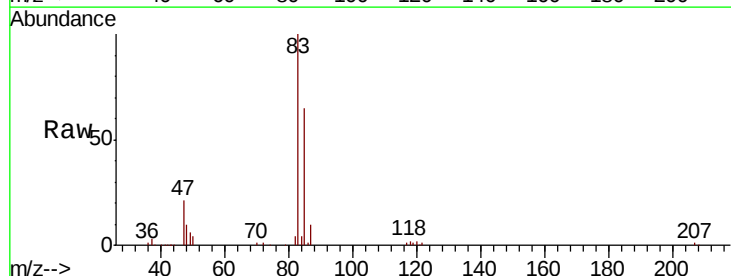


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

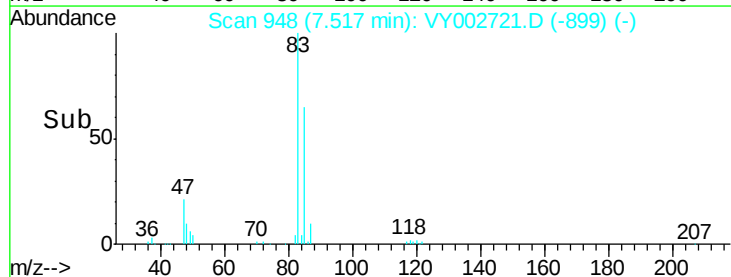
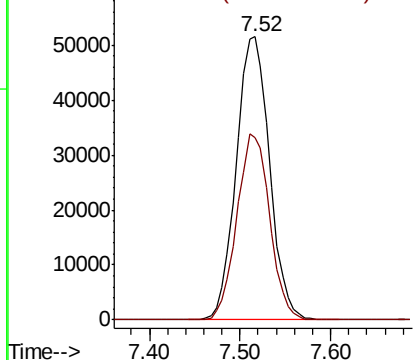


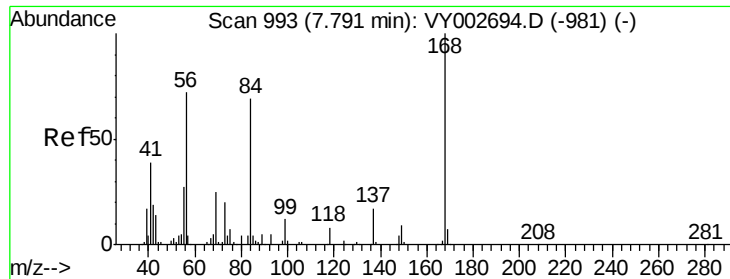
#30
Chloroform
Concen: 20.140 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Tgt Ion: 83 Resp: 131211
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3



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

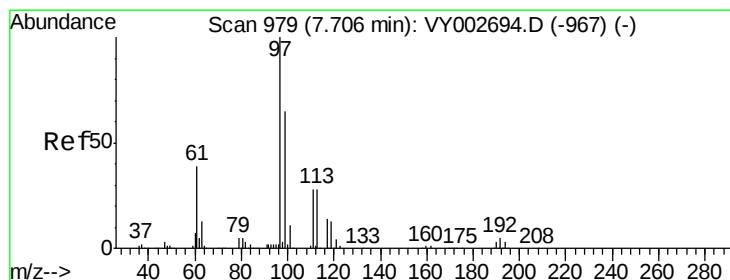
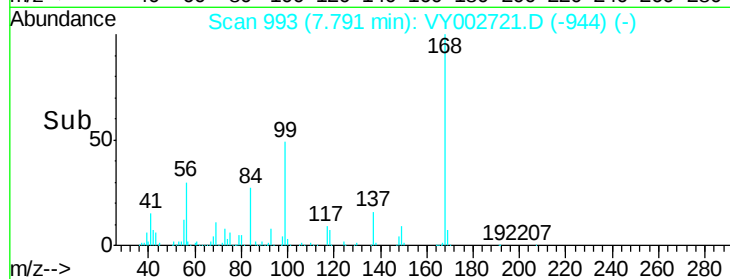
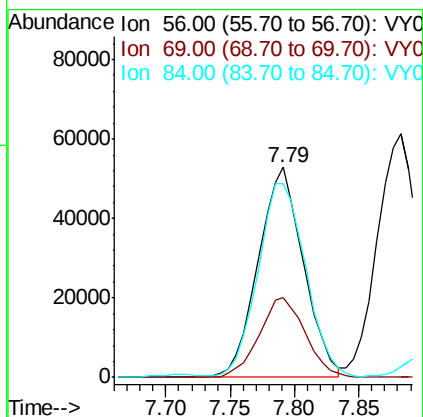
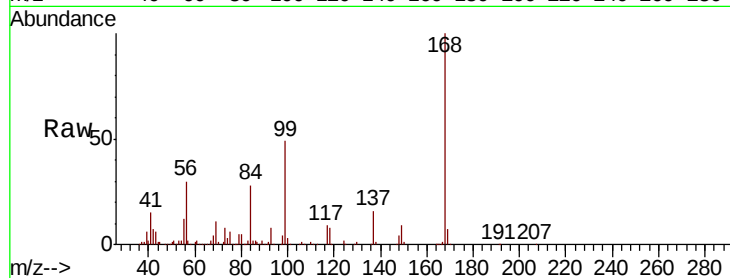




#31
Cyclohexane
Concen: 20.186 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

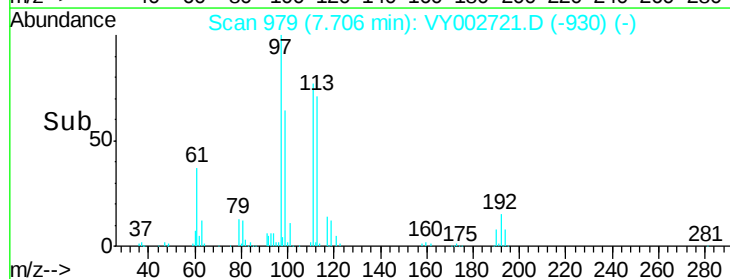
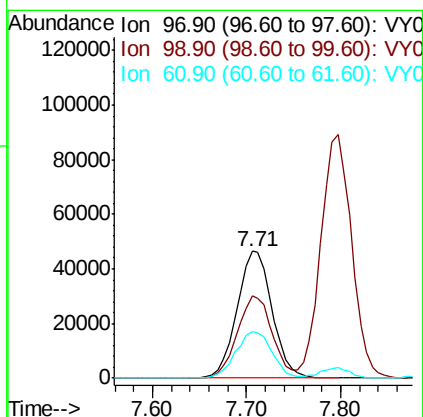
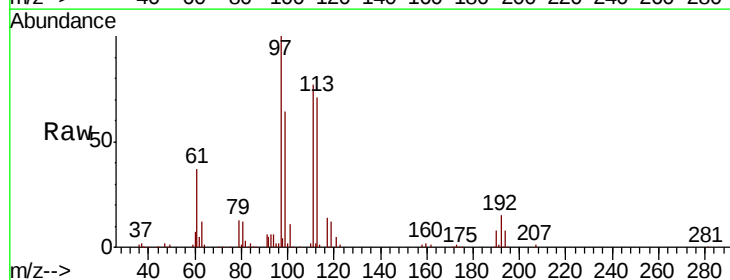
Instrument :
MSVOA_Y
ClientSampleId :

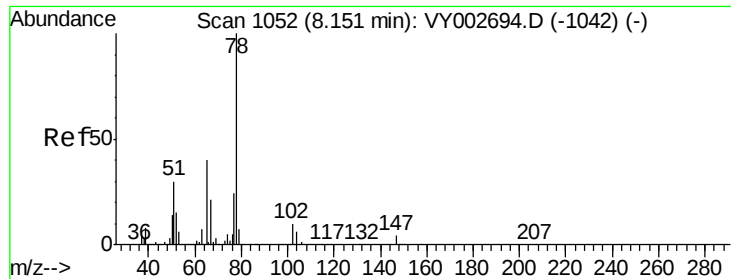
Tot Ion: 56 Resp: 128516
Ion Ratio Lower Upper
56 100
69 37.9 27.7 41.5
84 91.3 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 20.061 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Tgt Ion: 97 Resp: 120761
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 37.9 30.6 45.8

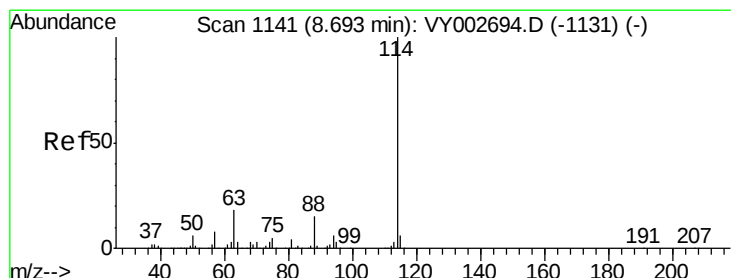
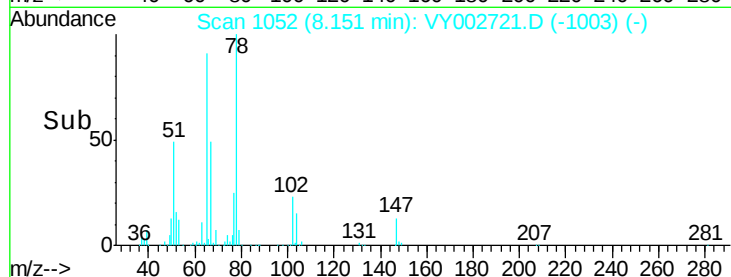
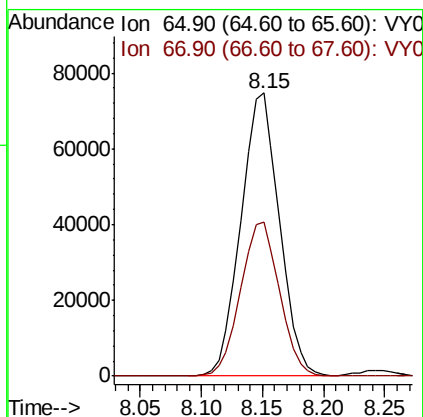
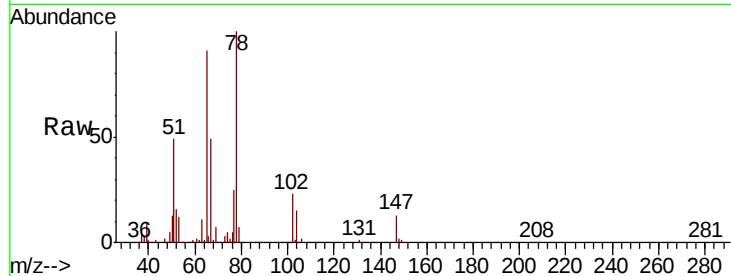




#33
 1,2-Dichloroethane-d4
 Concen: 49.840 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

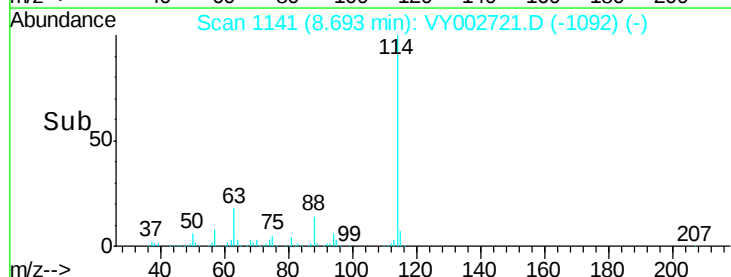
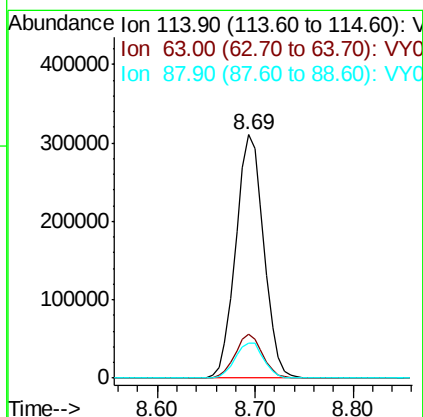
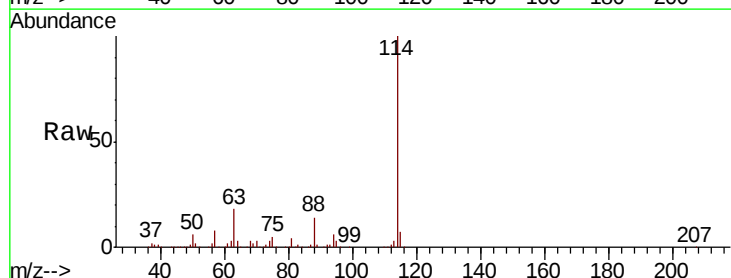
Instrument :
 MSVOA_Y
 ClientSampled :

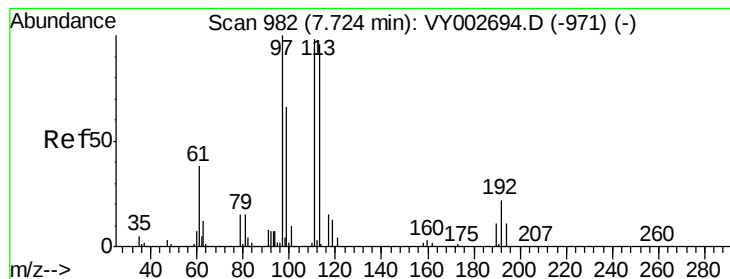
Tot Ion: 65 Resp: 163922
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

Tgt Ion: 114 Resp: 615474
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.4
 88 14.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 52.351 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :
MSVOA_Y
ClientSampled :

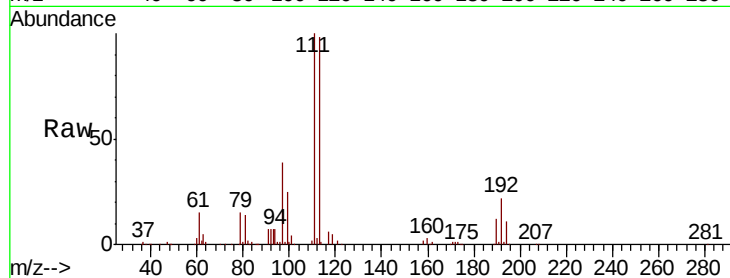
Tot Ion:113 Resp: 177820

Ion Ratio Lower Upper

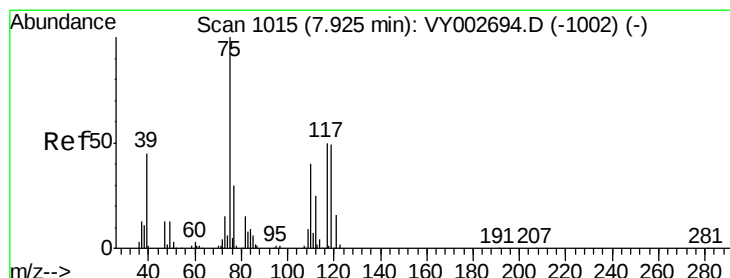
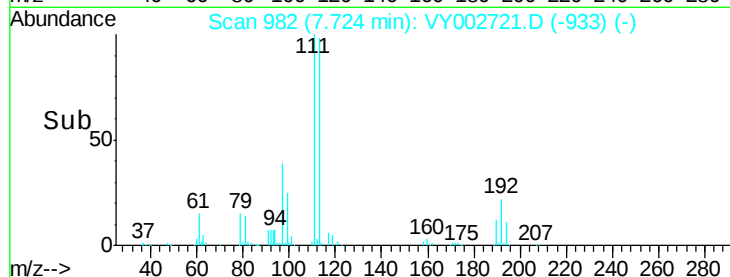
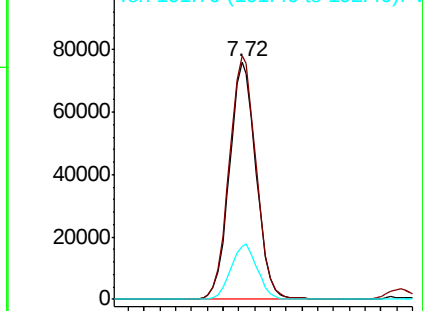
113 100

111 104.2 81.9 122.9

192 23.2 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.605 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

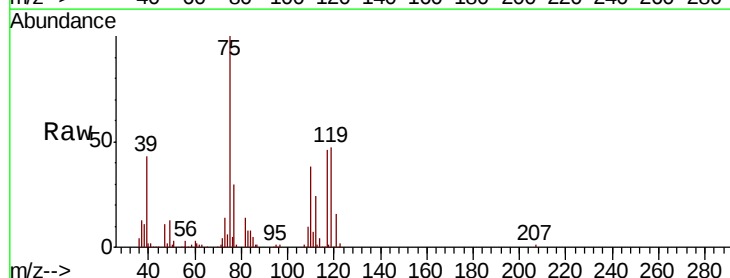
Tgt Ion: 75 Resp: 107360

Ion Ratio Lower Upper

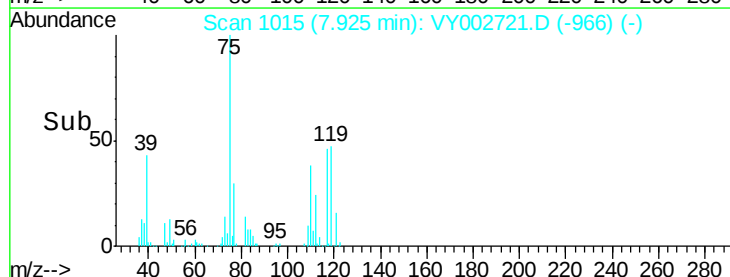
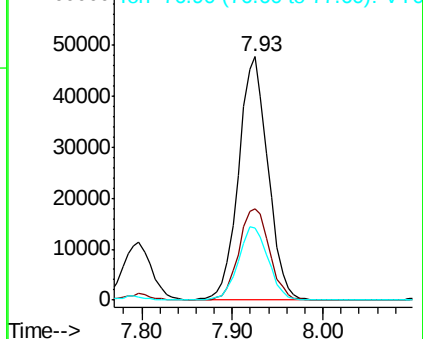
75 100

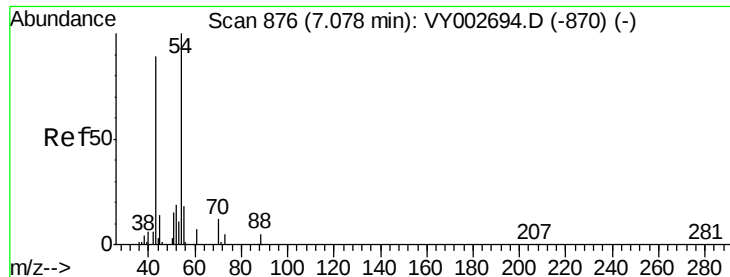
110 38.9 19.4 58.4

77 30.6 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

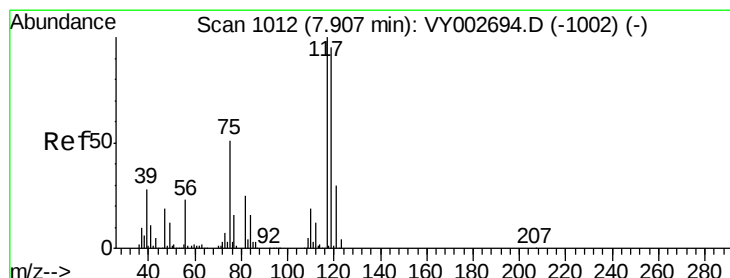
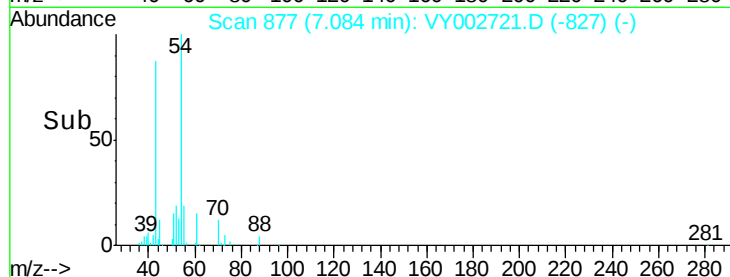
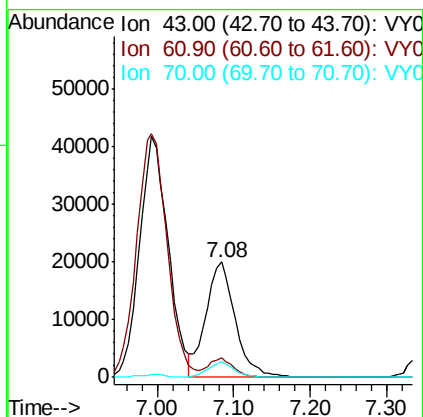
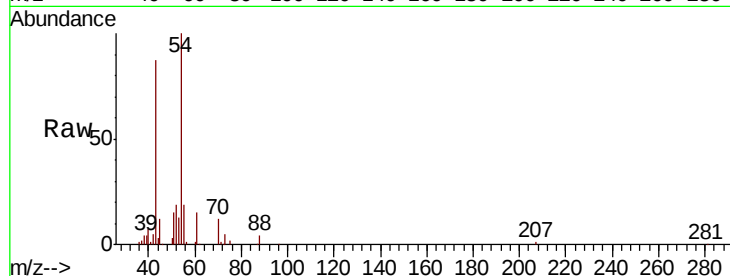




#37
Ethyl Acetate
Concen: 20.796 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

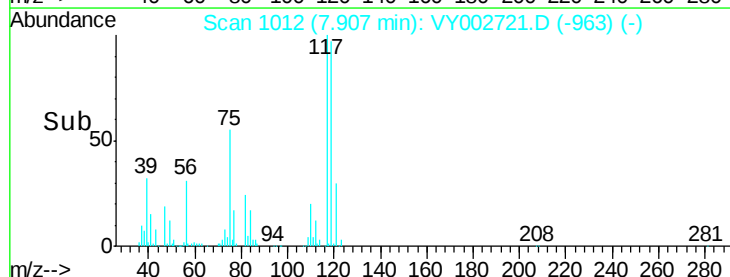
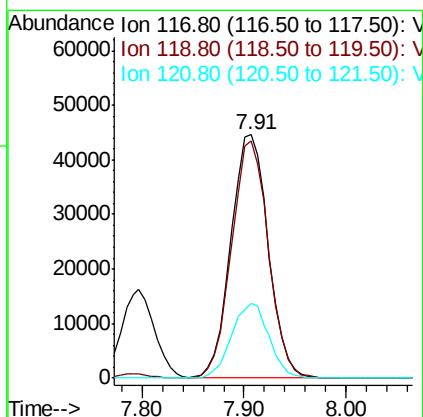
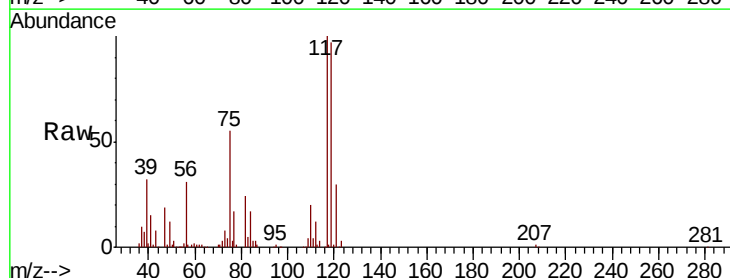
Instrument :
MSVOA_Y
ClientSampled :

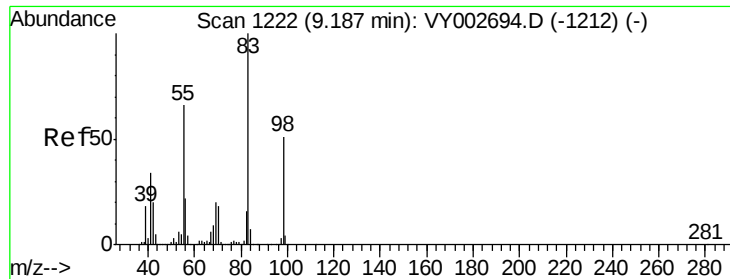
Tot Ion: 43 Resp: 53294
Ion Ratio Lower Upper
43 100
61 14.3 11.8 17.8
70 11.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.169 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Tgt Ion: 117 Resp: 112944
Ion Ratio Lower Upper
117 100
119 97.4 76.3 114.5
121 30.5 24.2 36.2

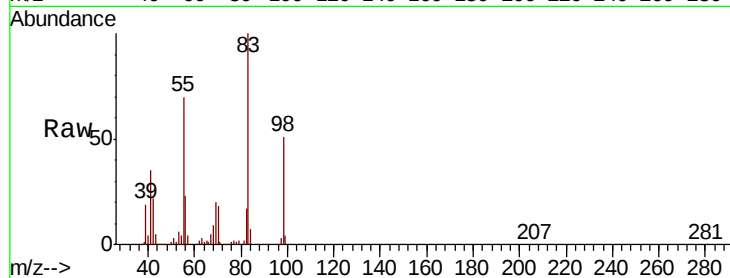




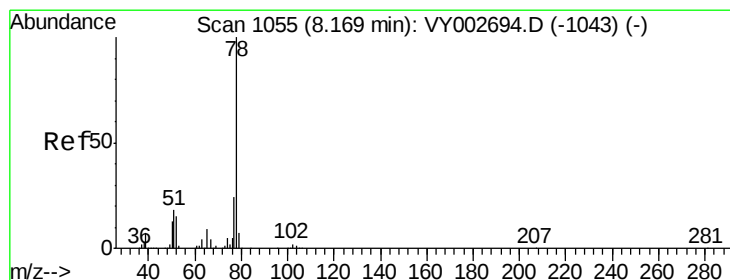
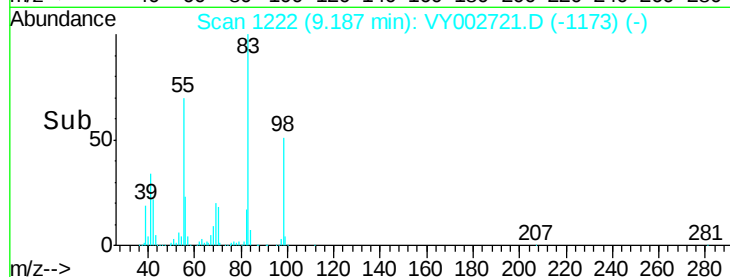
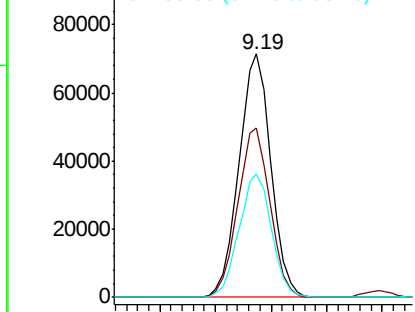
#39
Methvlcvclohexane
Concen: 20.268 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 141996
Ion Ratio Lower Upper
83 100
55 69.6 53.0 79.6
98 50.9 40.8 61.2

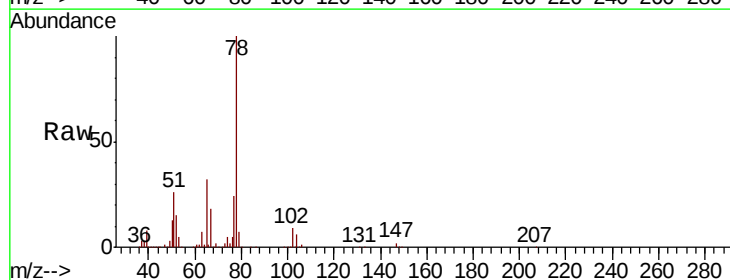


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

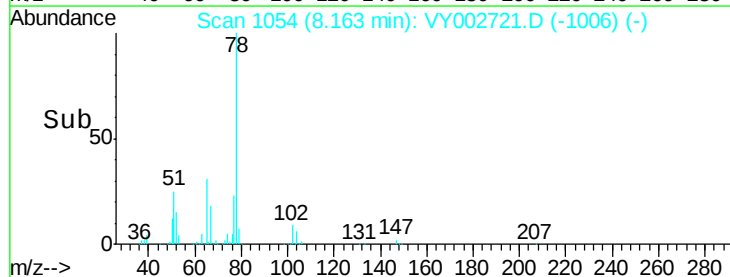
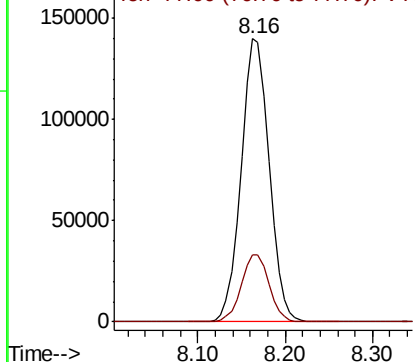


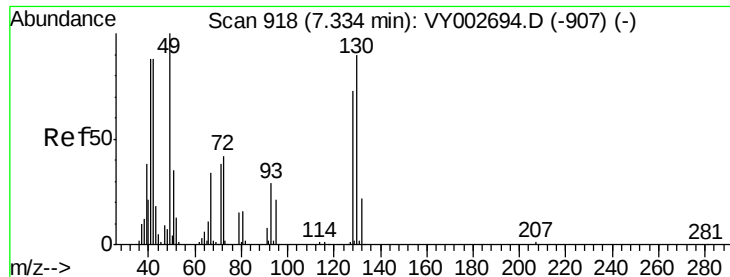
#40
Benzene
Concen: 20.442 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Tgt Ion: 78 Resp: 310771
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8



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

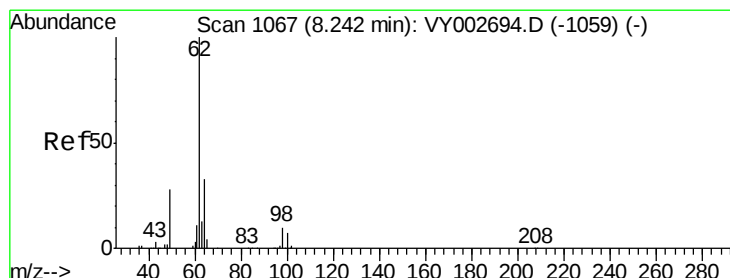
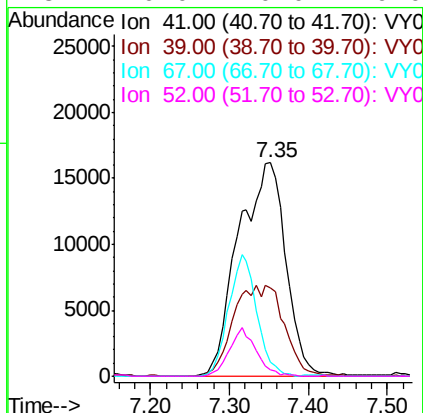
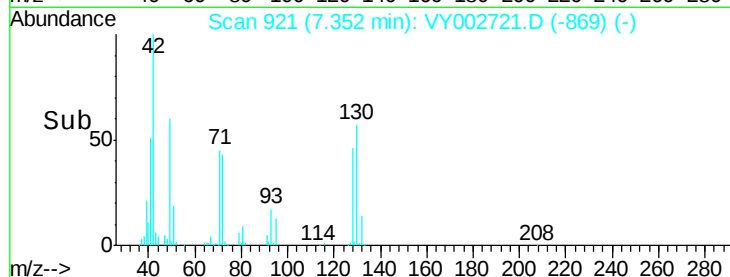
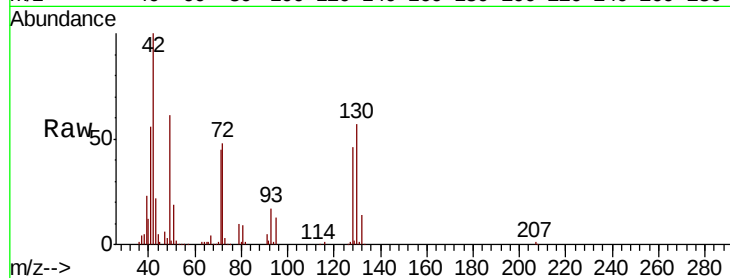




#41
Methacrylonitrile
Concen: 43.899 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

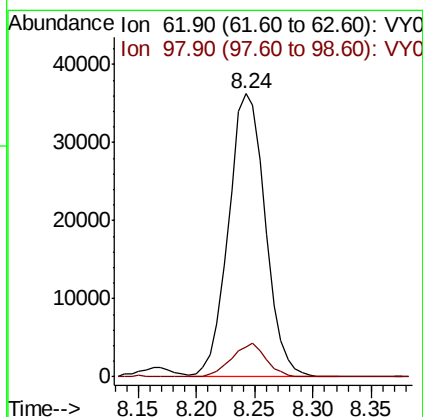
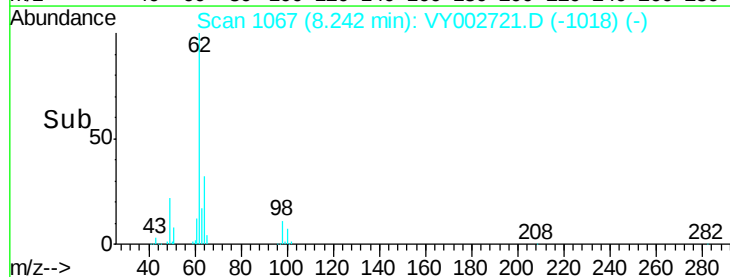
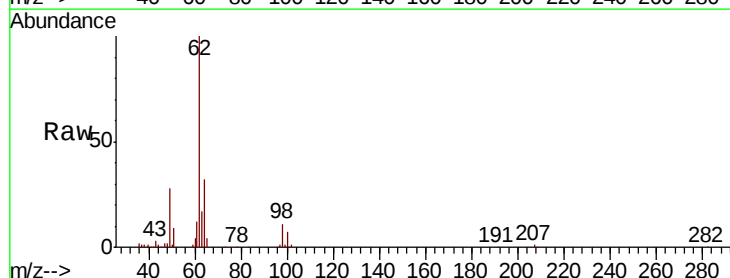
Instrument :
MSVOA_Y
ClientSampled :

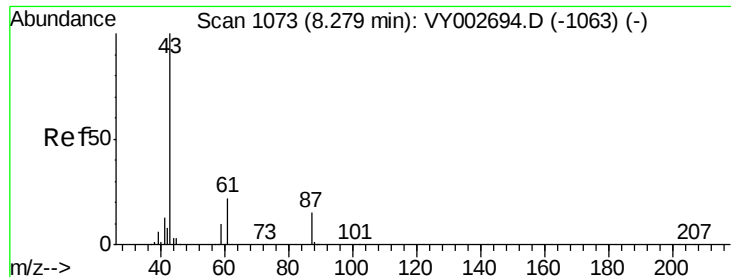
Tot Ion: 41 Resp: 67588
Ion Ratio Lower Upper
41 100
39 25.8 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.932 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Tgt Ion: 62 Resp: 79919
Ion Ratio Lower Upper
62 100
98 11.2 0.0 21.8



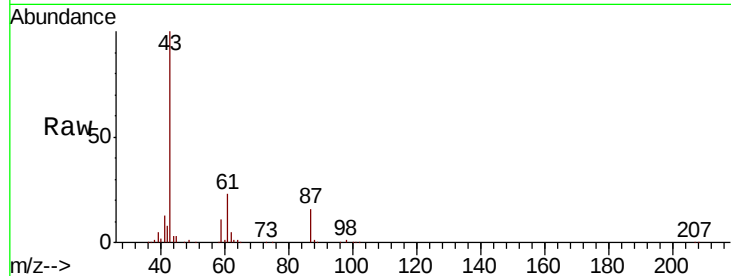


#43

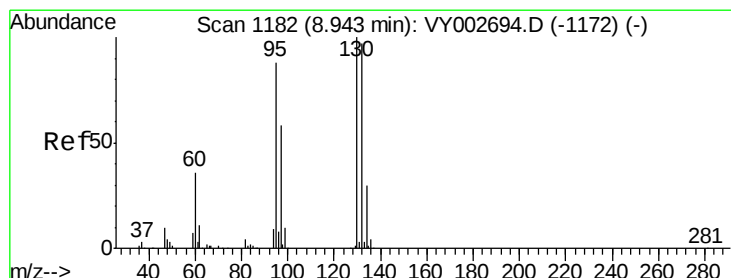
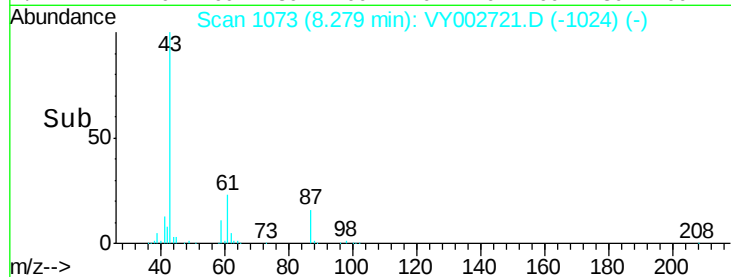
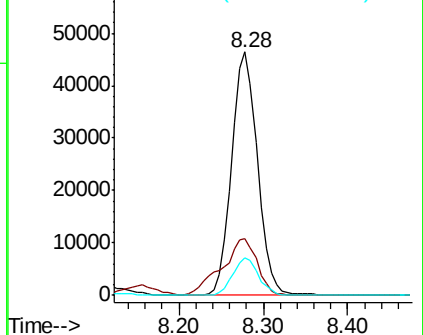
Isopropyl Acetate
 Concen: 20.222 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.1	24.9	37.3
87	15.2	12.6	19.0



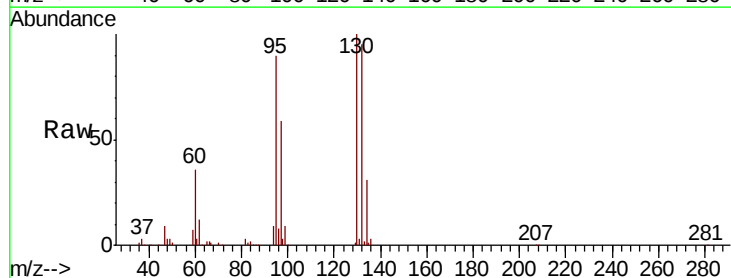
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



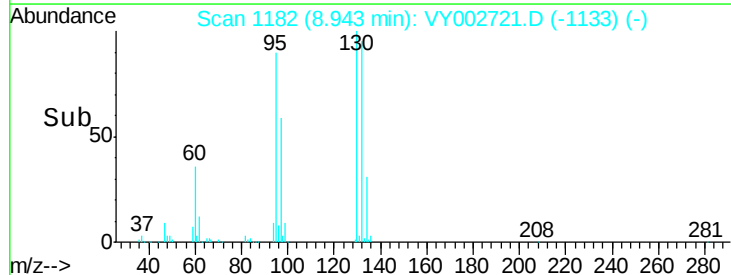
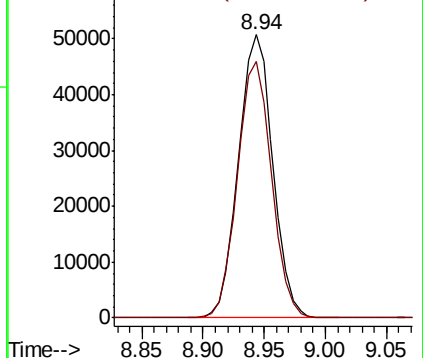
#44

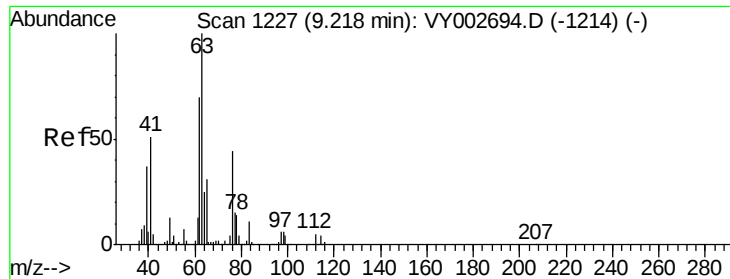
Trichloroethene
 Concen: 20.374 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	176.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0

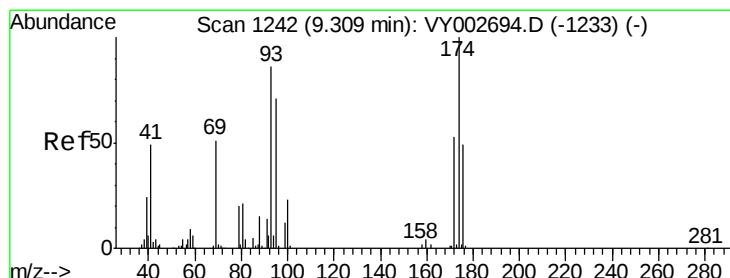
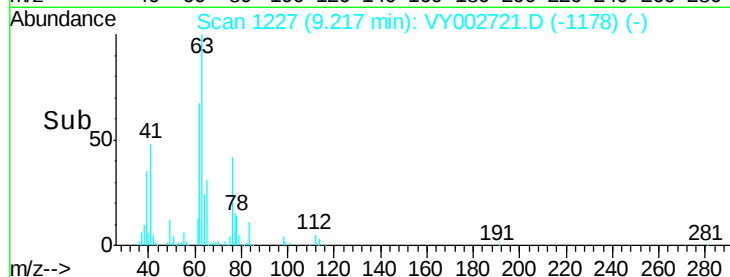
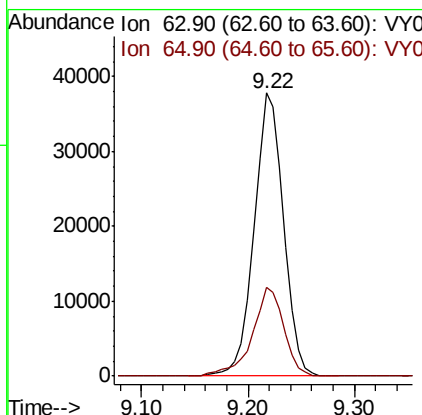
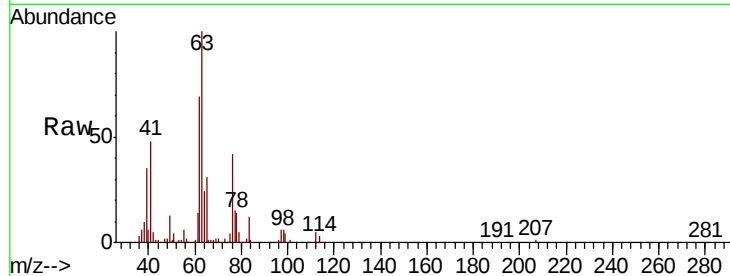




#45
 1,2-Dichloropropane
 Concen: 20.275 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

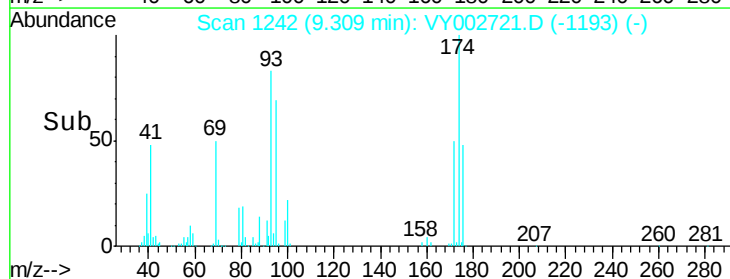
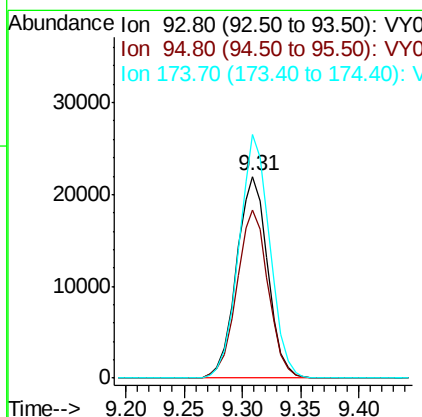
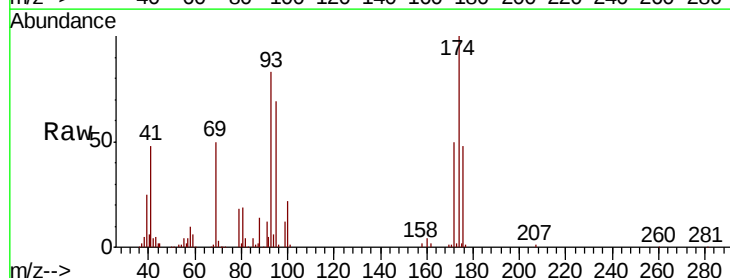
Instrument :
 MSVOA_Y
 ClientSampleId :

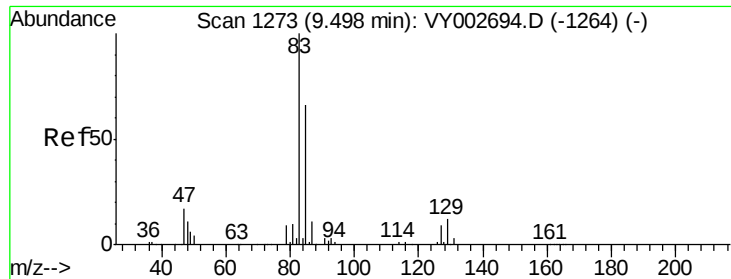
Tot Ion: 63 Resp: 73153
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1



#46
 Dibromomethane
 Concen: 20.168 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

Tgt Ion: 93 Resp: 40883
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.5 99.7
 174 119.4 95.6 143.4

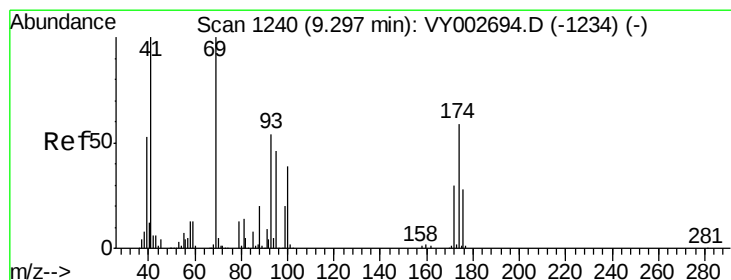
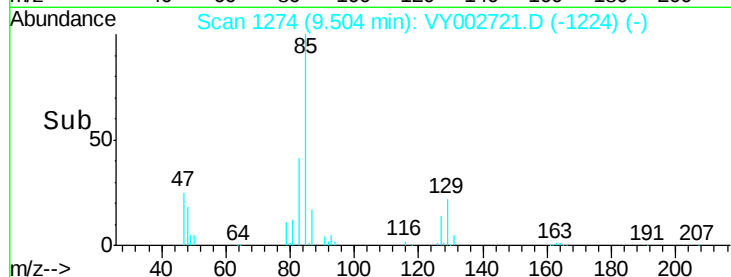
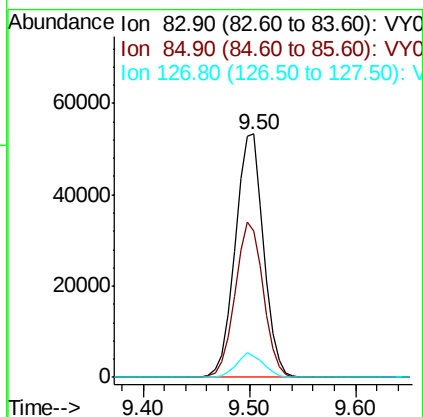
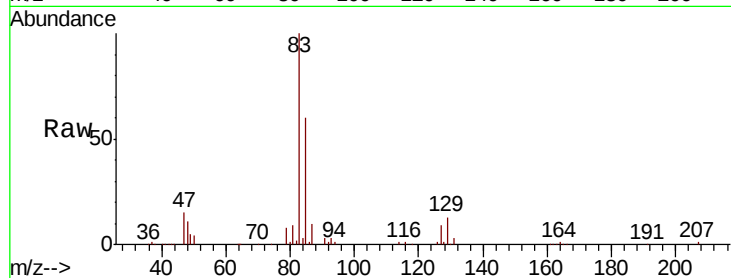




#47
Bromodichloromethane
Concen: 20.111 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.01 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

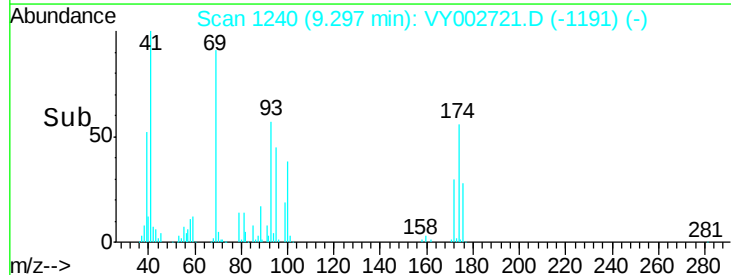
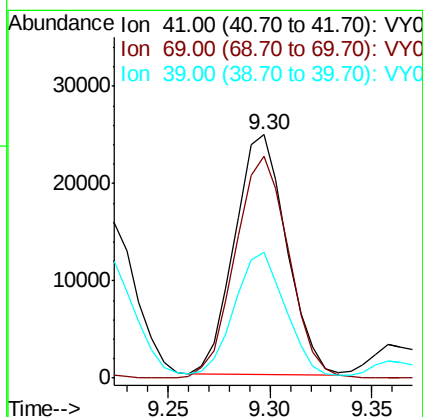
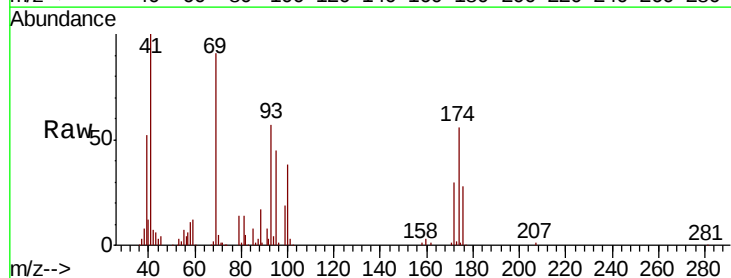
Instrument :
MSVOA_Y
ClientSampled :

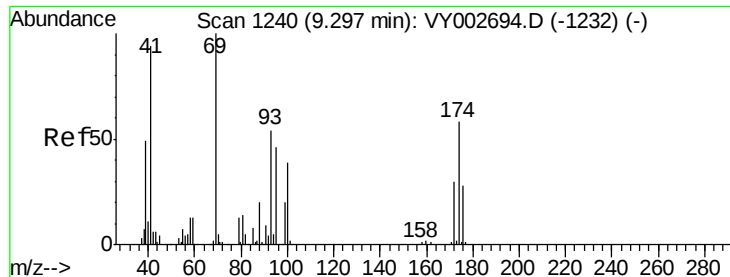
Tot Ion: 83 Resp: 99498
Ion Ratio Lower Upper
83 100
85 60.4 52.4 78.6
127 8.6 7.6 11.4



#48
Methyl methacrylate
Concen: 19.980 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Tgt Ion: 41 Resp: 43812
Ion Ratio Lower Upper
41 100
69 95.6 78.7 118.1
39 50.3 42.9 64.3

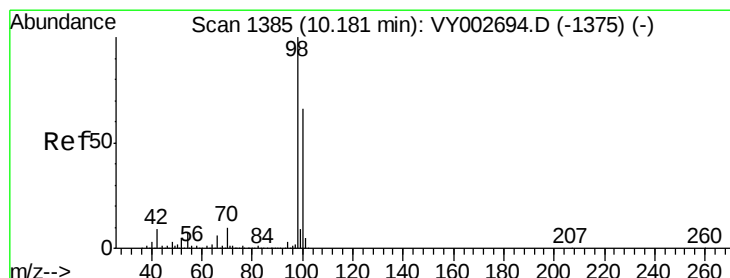
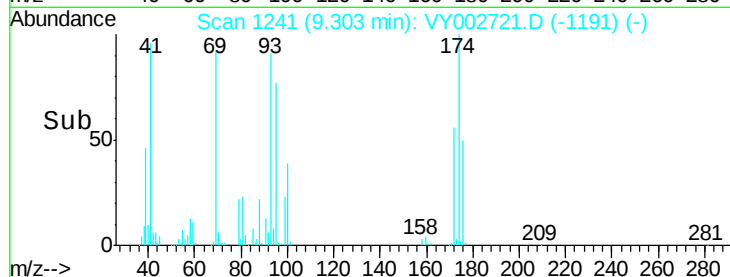
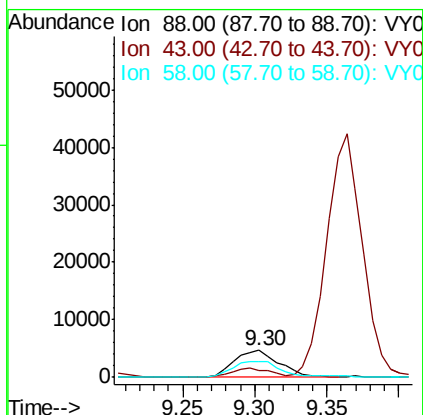
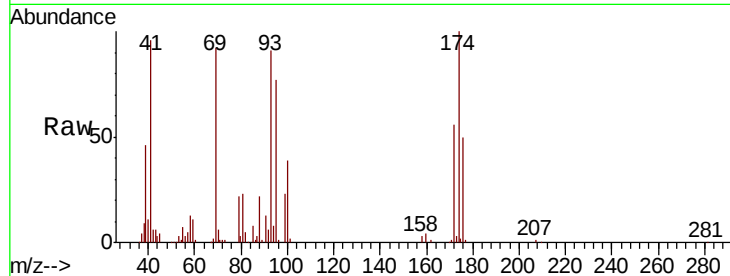




#49
 1,4-Dioxane
 Concen: 374.446 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

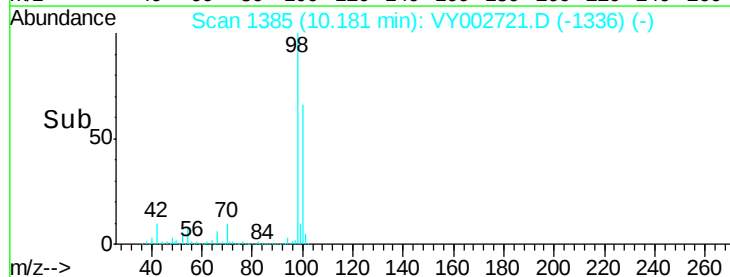
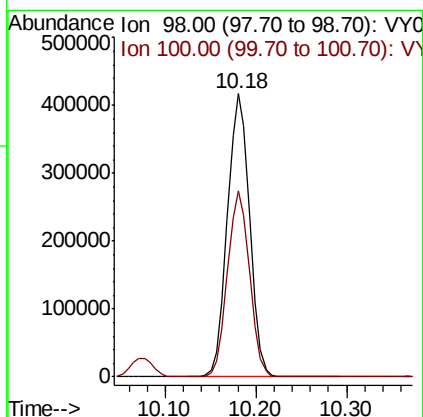
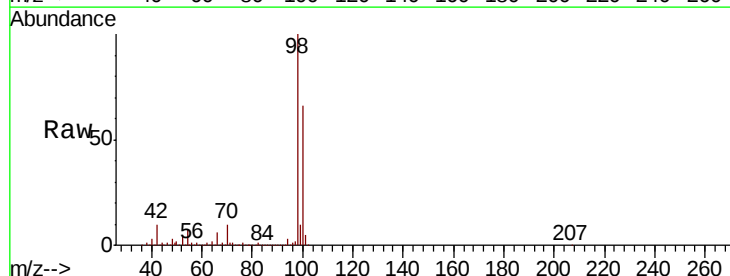
Instrument :
 MSVOA_Y
 ClientSampled :

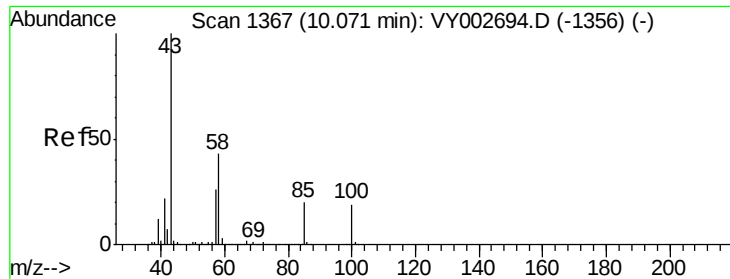
Tot Ion: 88 Resp: 10338
 Ion Ratio Lower Upper
 88 100
 43 29.5 23.4 35.0
 58 68.0 54.5 81.7



#50
 Toluene-d8
 Concen: 51.728 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

Tgt Ion: 98 Resp: 707390
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 101.154 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

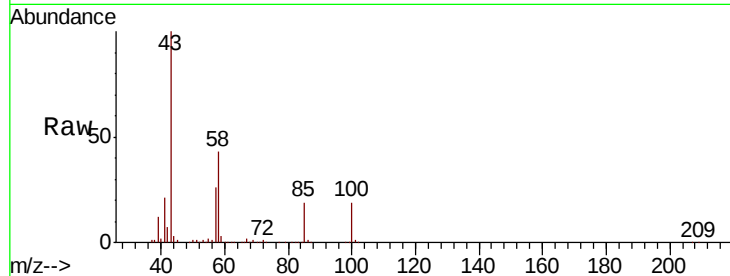
ClientSampleId :

Tot Ion: 43 Resp: 248726

Ion Ratio Lower Upper

43 100

58 42.2 34.1 51.1



Abundance Ion 43.00 (42.70 to 43.70): VY002721.D (-1356) (-)

Ion 58.00 (57.70 to 58.70): VY002721.D (-1356) (-)

10.07

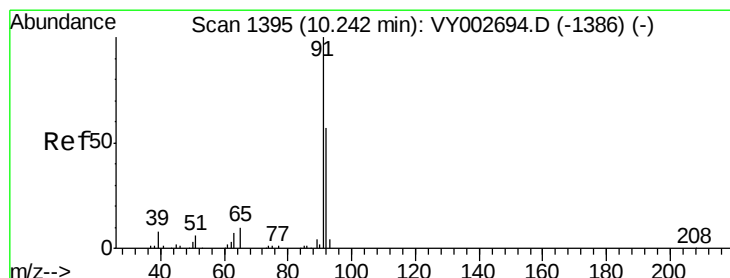
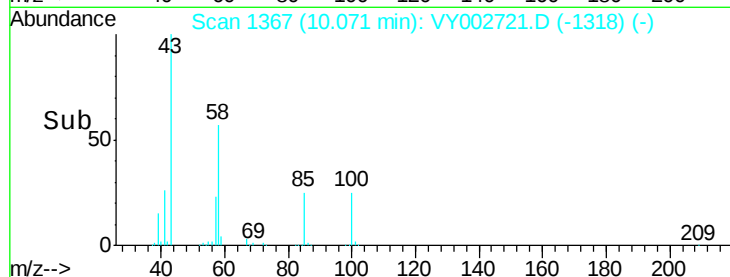
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.017 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002721.D

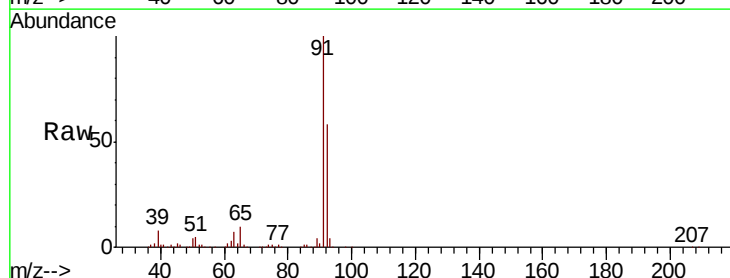
Acq: 20 May 2020 11:16

Tgt Ion: 92 Resp: 196932

Ion Ratio Lower Upper

92 100

91 172.6 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VY002721.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY002721.D (-1386) (-)

10.24

200000

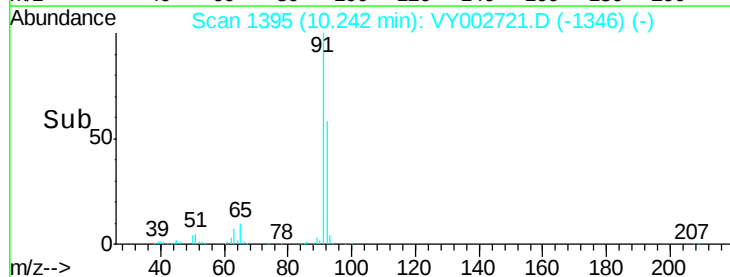
150000

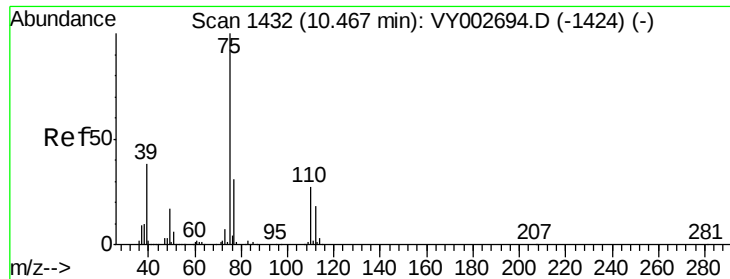
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.834 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

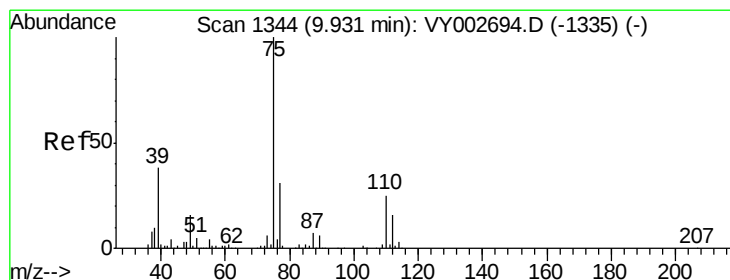
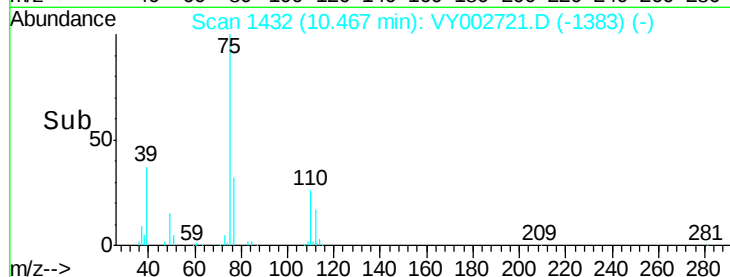
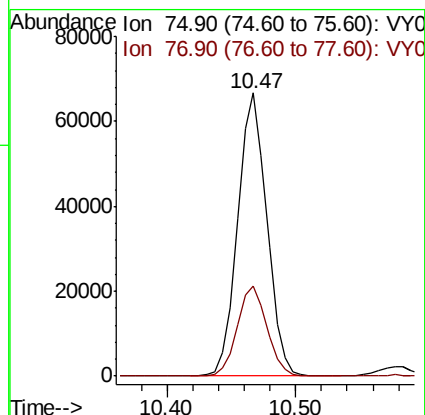
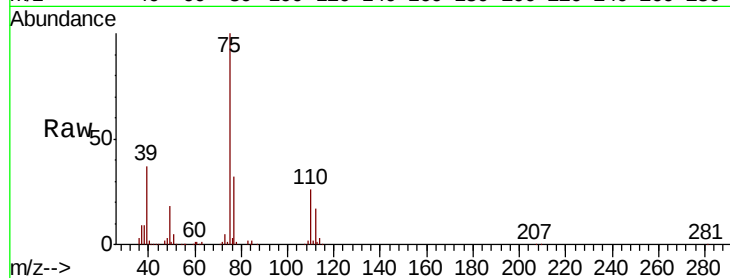
ClientSampleId :

Tot Ion: 75 Resp: 104734

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.417 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

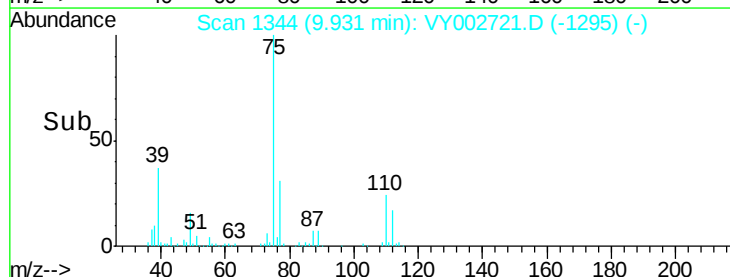
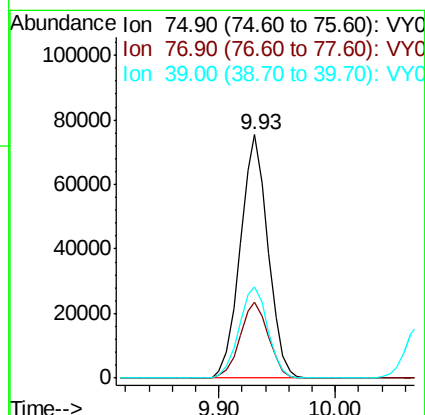
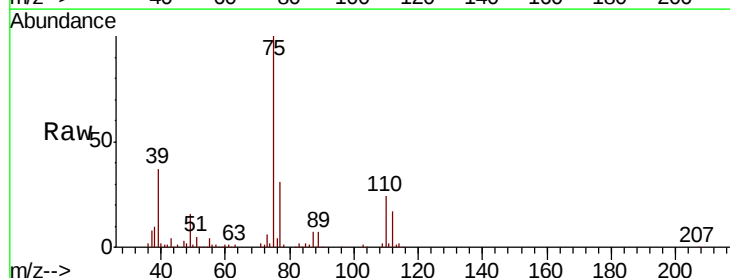
Tgt Ion: 75 Resp: 124986

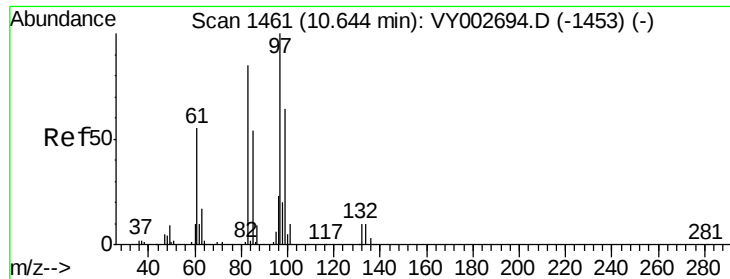
Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 37.3 30.7 46.1

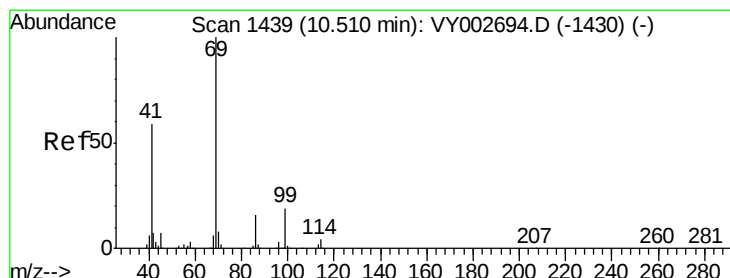
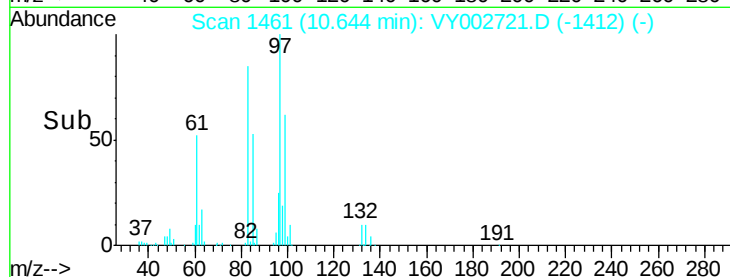
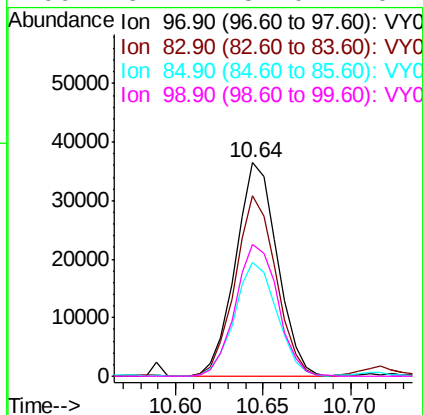
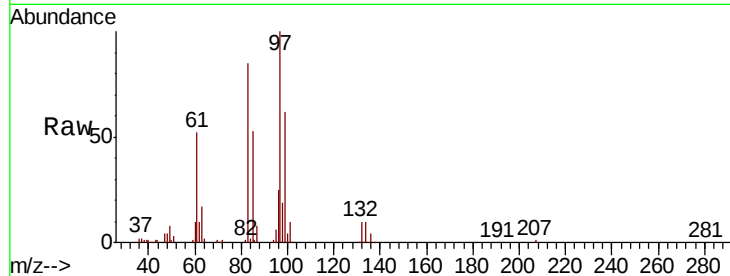




#55
 1,1,2-Trichloroethane
 Concen: 20.178 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

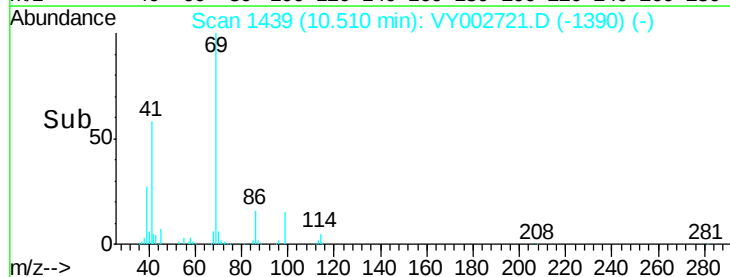
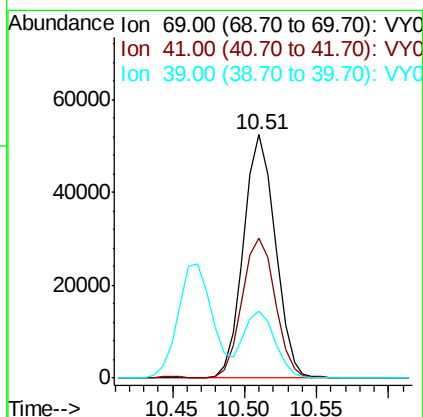
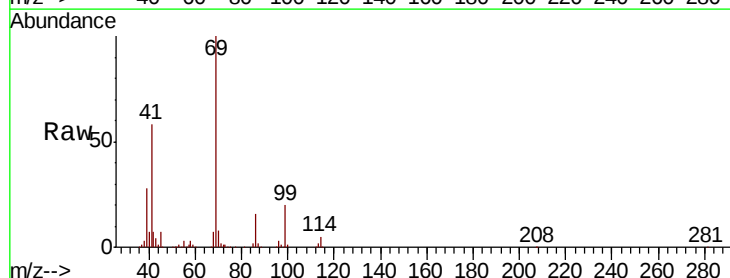
Instrument :
 MSVOA_Y
 ClientSampleId :

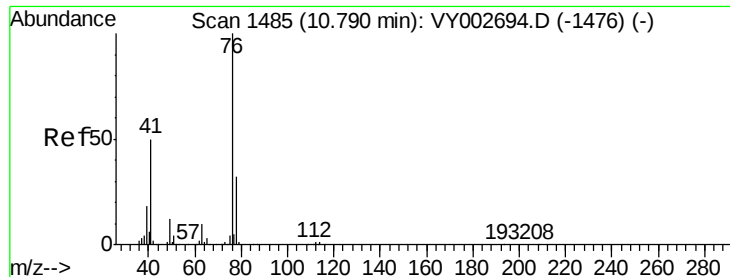
Tot Ion: 97 Resp: 60896
 Ion Ratio Lower Upper
 97 100
 83 84.4 68.1 102.1
 85 53.2 43.1 64.7
 99 61.7 51.0 76.4



#56
 Ethyl methacrylate
 Concen: 20.088 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

Tgt Ion: 69 Resp: 80709
 Ion Ratio Lower Upper
 69 100
 41 59.2 48.0 72.0
 39 26.5 22.1 33.1





#57

1,3-Dichloropropane

Concen: 19.946 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

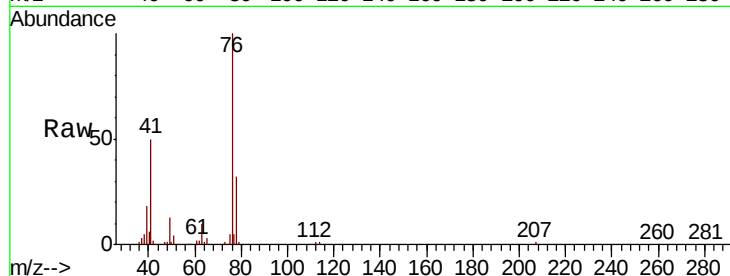
ClientSampleId :

Tot Ion: 76 Resp: 100873

Ion Ratio Lower Upper

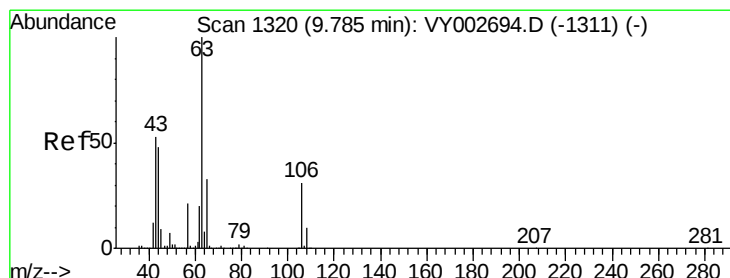
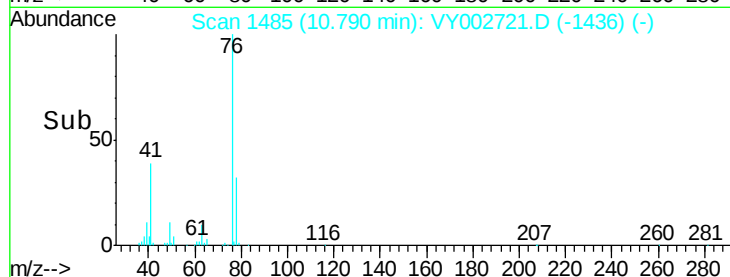
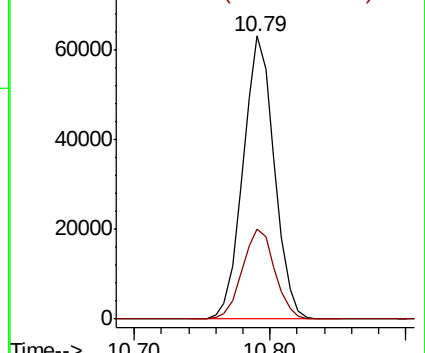
76 100

78 33.0 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 98.671 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002721.D

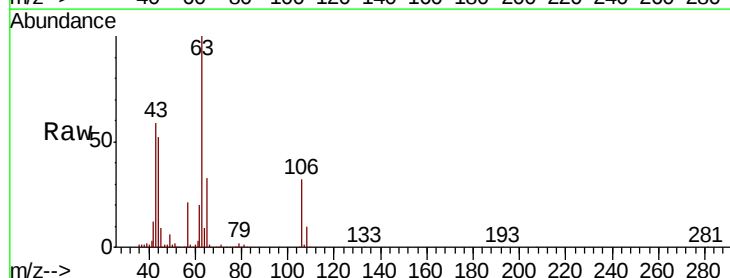
Acq: 20 May 2020 11:16

Tgt Ion: 63 Resp: 195708

Ion Ratio Lower Upper

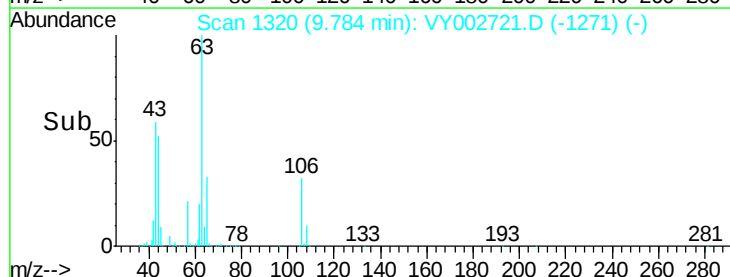
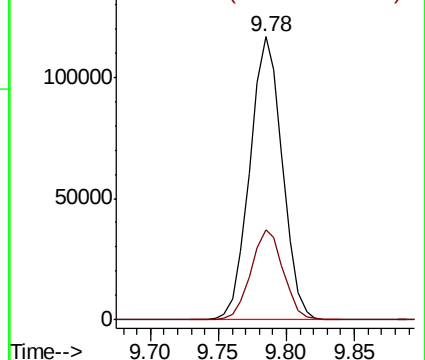
63 100

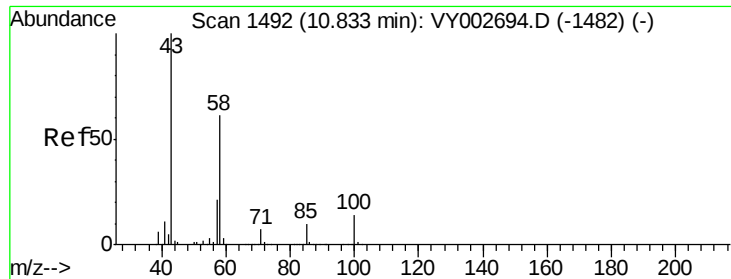
106 31.6 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

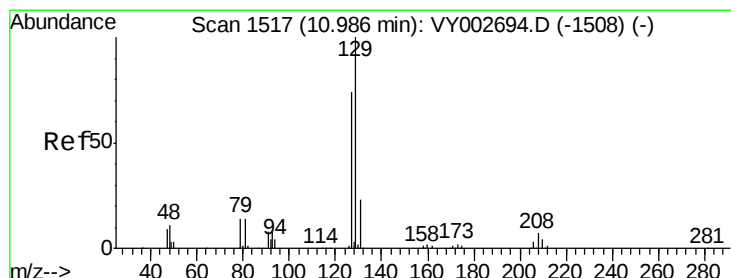
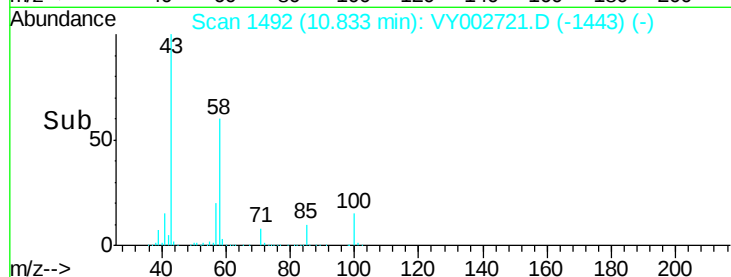
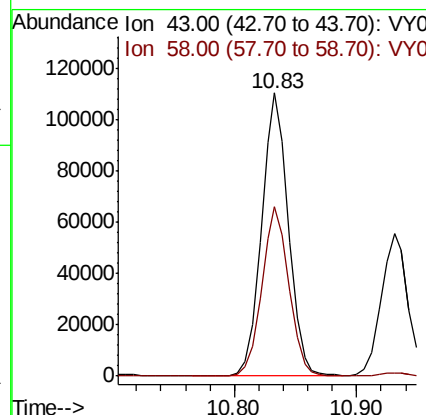
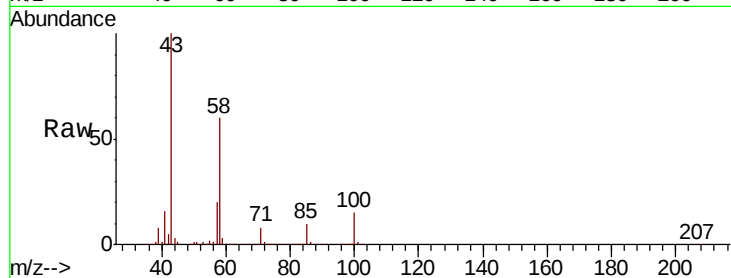




#59
2-Hexanone
Concen: 98.314 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

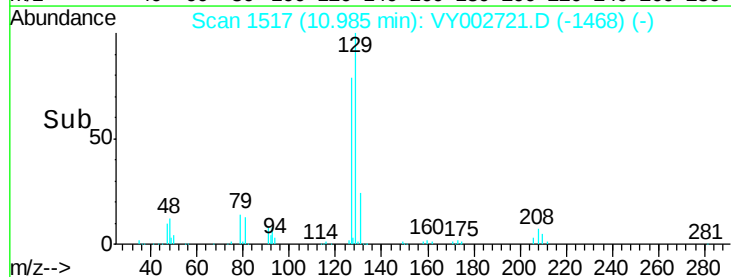
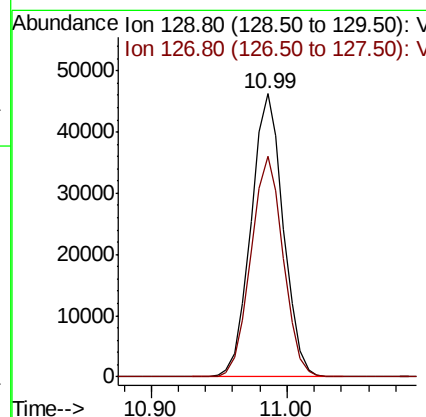
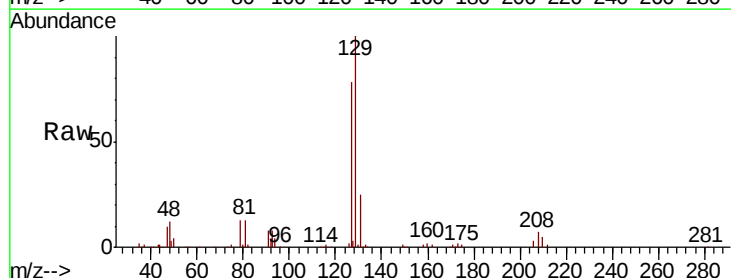
Instrument :
MSVOA_Y
ClientSampleId :

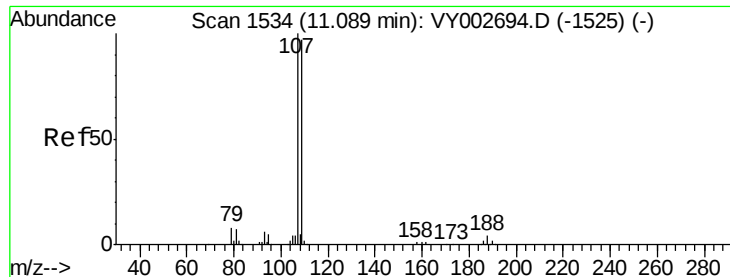
Tot Ion: 43 Resp: 168423
Ion Ratio Lower Upper
43 100
58 60.2 29.8 89.4



#60
Dibromochloromethane
Concen: 19.981 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Tgt Ion: 129 Resp: 77039
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3

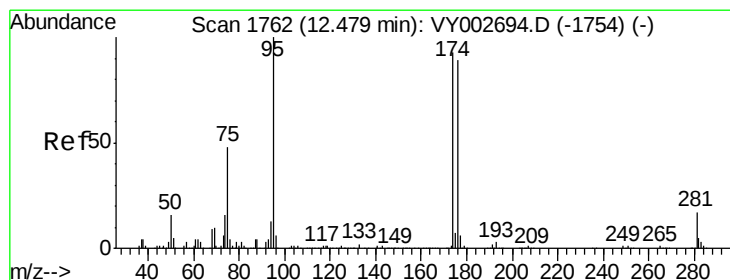
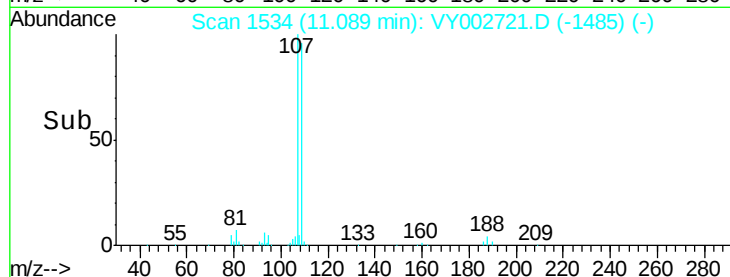
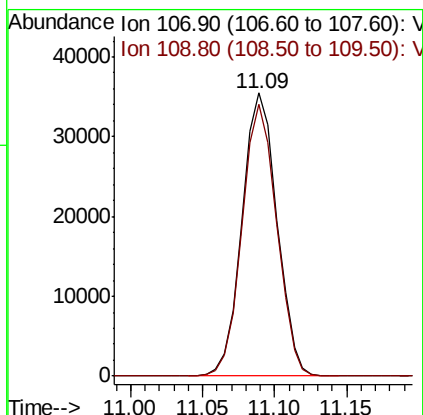
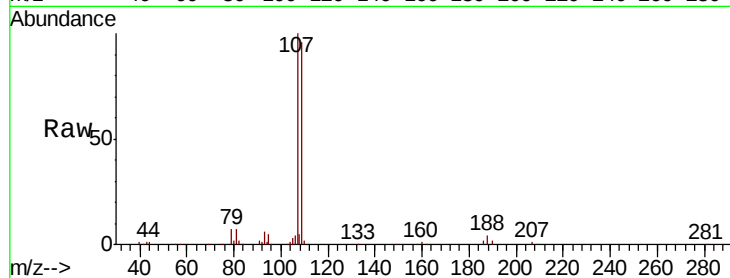




#61
 1,2-Dibromoethane
 Concen: 20.034 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

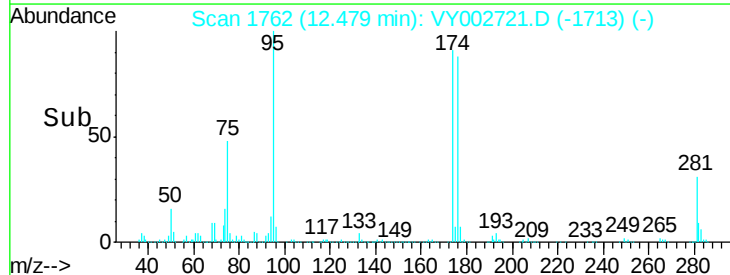
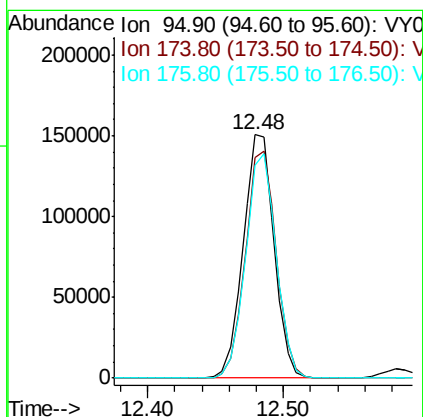
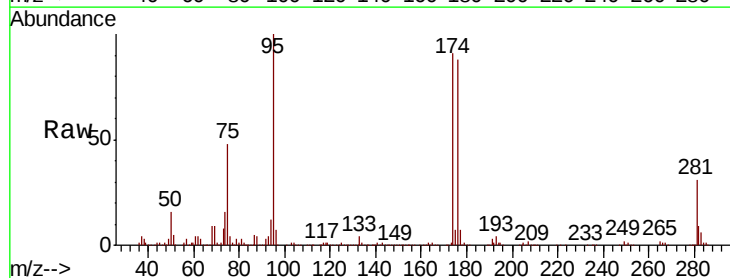
Instrument :
 MSVOA_Y
 ClientSampleId :

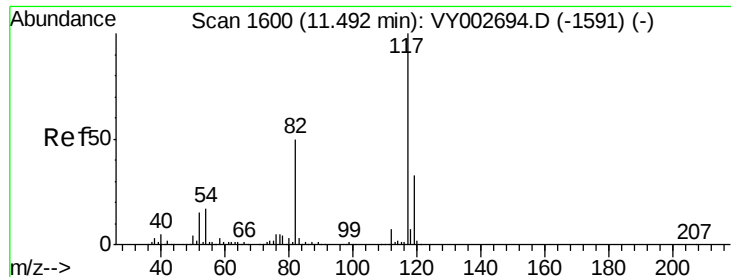
Tot Ion:107 Resp: 59568
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 50.869 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

Tgt Ion: 95 Resp: 239095
 Ion Ratio Lower Upper
 95 100
 174 93.5 0.0 191.4
 176 91.5 0.0 186.0

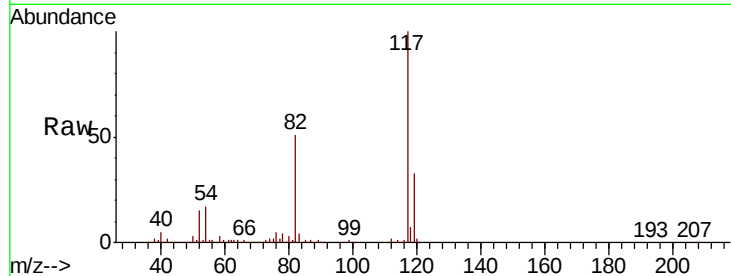




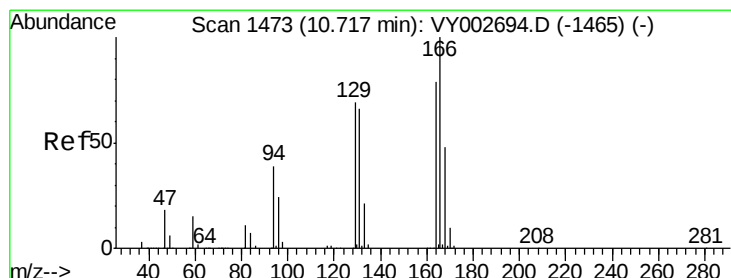
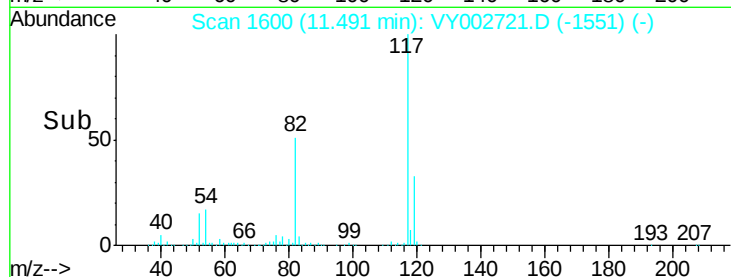
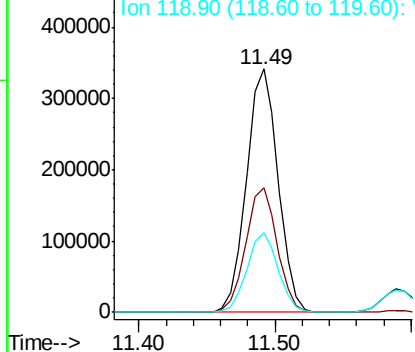
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 553974
Ion Ratio Lower Upper
117 100
82 51.2 40.3 60.5
119 32.6 26.2 39.4

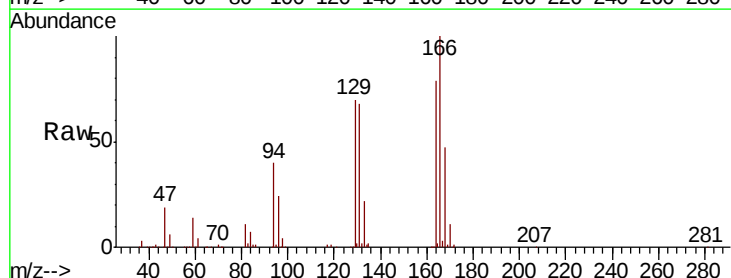


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

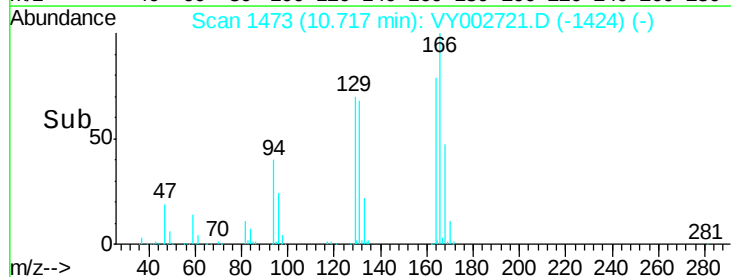
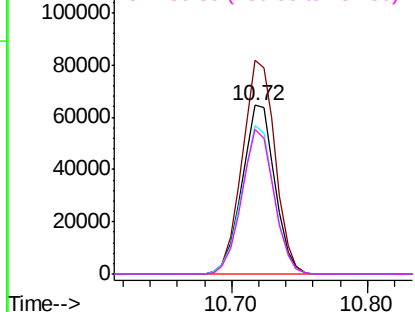


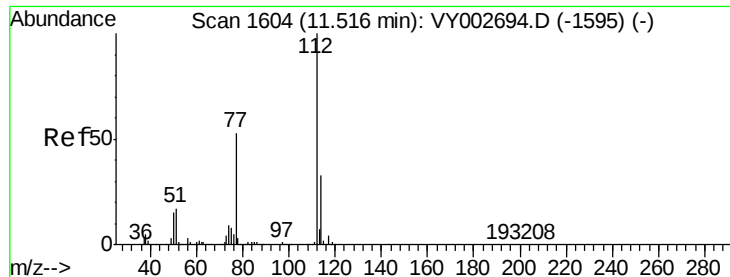
#64
Tetrachloroethene
Concen: 20.624 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Tgt Ion:164 Resp: 108470
Ion Ratio Lower Upper
164 100
166 126.8 101.6 152.4
129 88.2 70.2 105.4
131 86.2 67.4 101.0



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

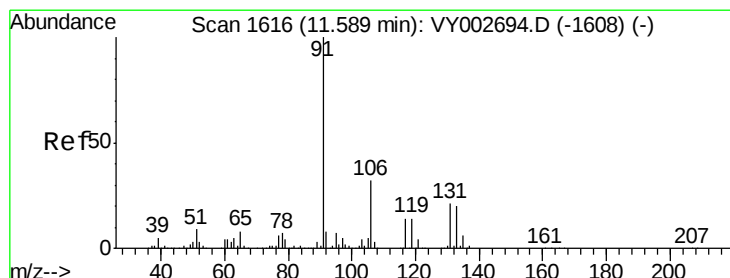
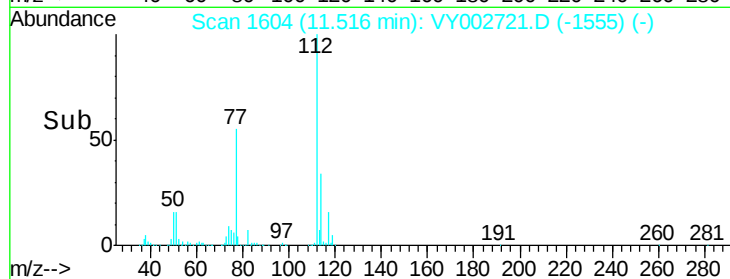
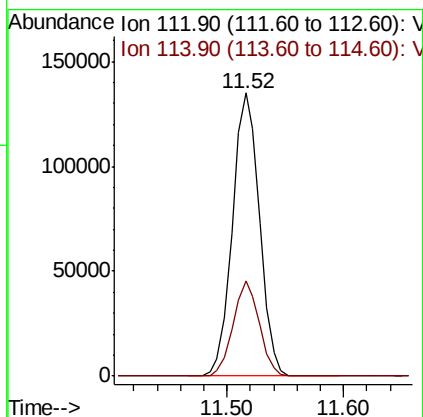
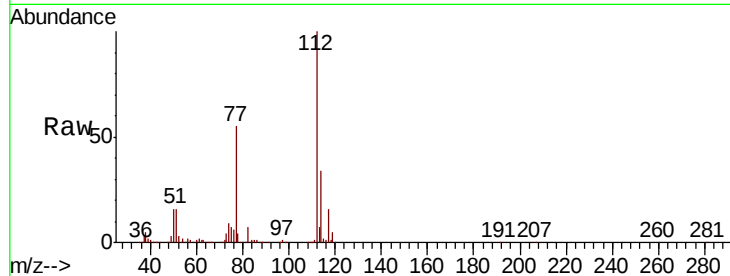




#65
Chlorobenzene
Concen: 20.385 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

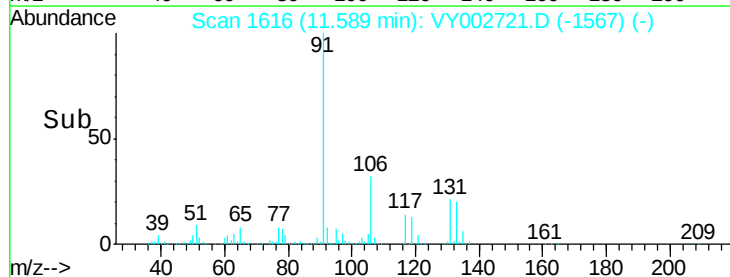
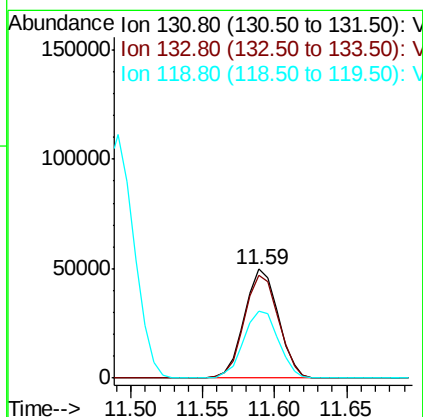
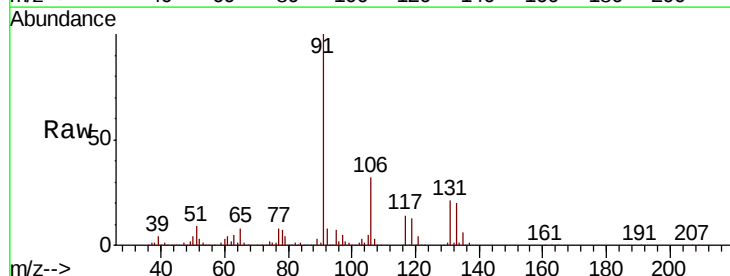
Instrument :
MSVOA_Y
ClientSampleId :

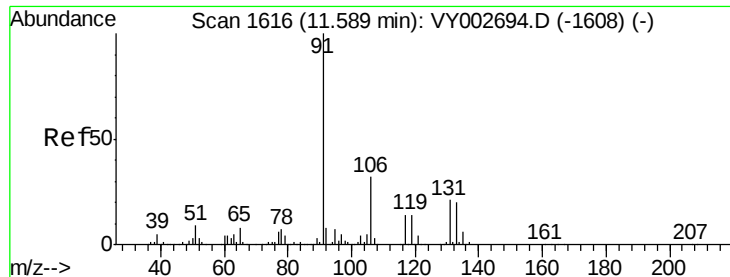
Tot Ion:112 Resp: 218214
Ion Ratio Lower Upper
112 100
114 33.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.467 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Tgt Ion:131 Resp: 81316
Ion Ratio Lower Upper
131 100
133 95.7 47.4 142.3
119 63.6 31.6 94.8

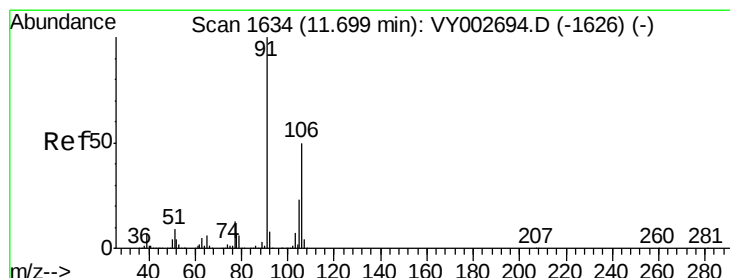
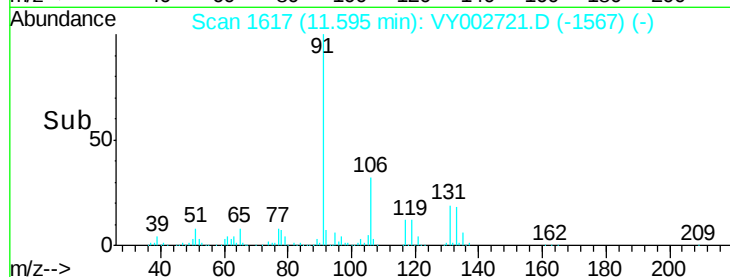
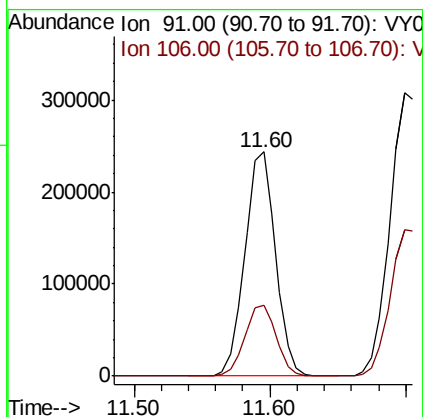
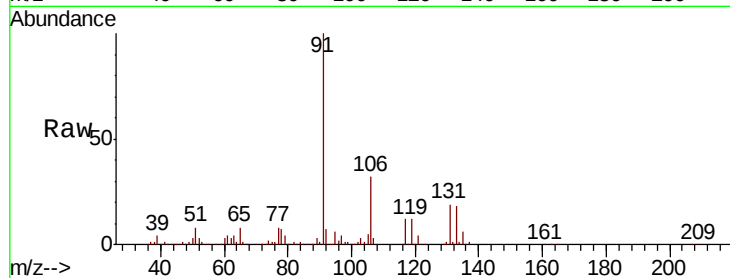




#67
Ethyl Benzene
Concen: 20.412 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

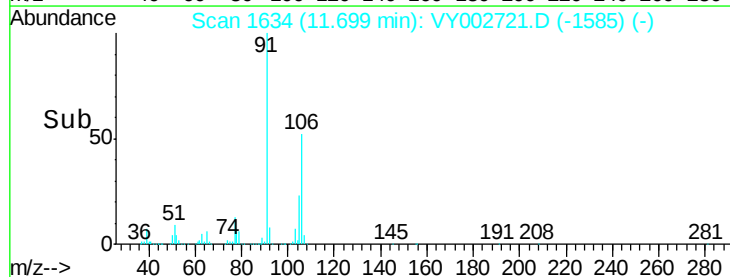
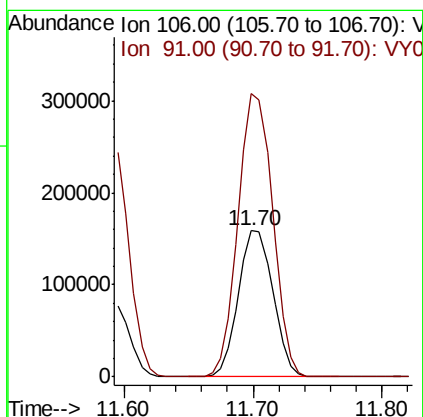
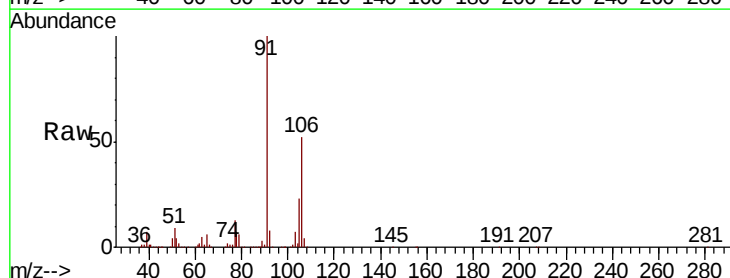
Instrument :
MSVOA_Y
ClientSampleId :

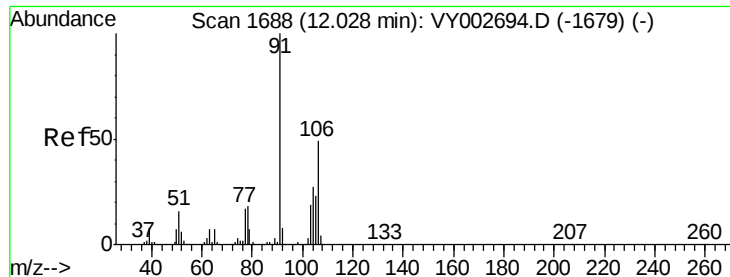
Tot Ion: 91 Resp: 383654
Ion Ratio Lower Upper
91 100
106 31.5 26.0 39.0



#68
m/p-Xylenes
Concen: 40.490 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Tgt Ion: 106 Resp: 296084
Ion Ratio Lower Upper
106 100
91 194.3 156.2 234.4

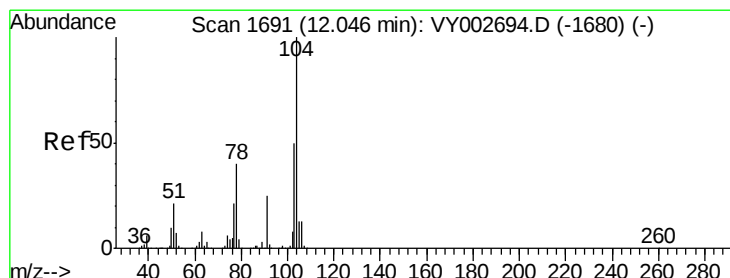
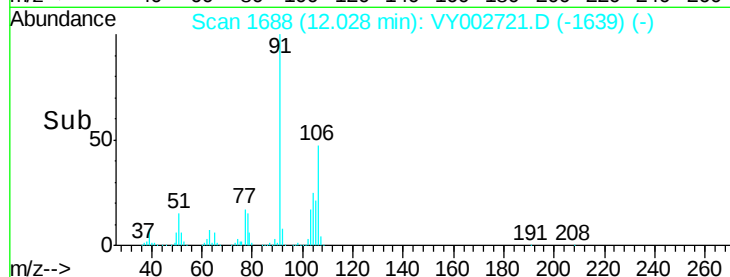
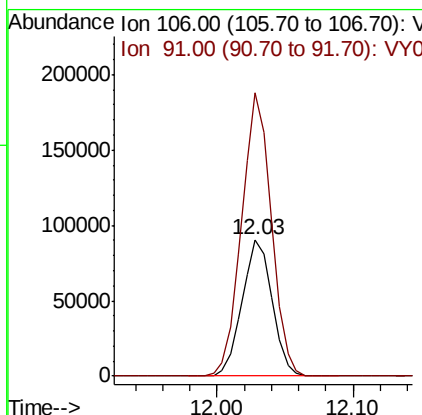
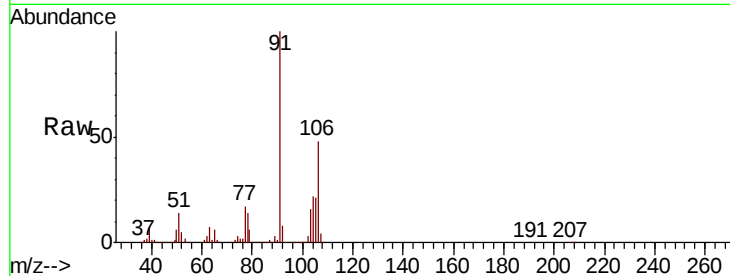




#69
o-Xylene
Concen: 20.395 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

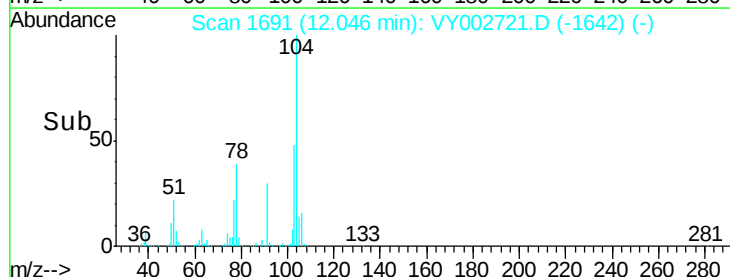
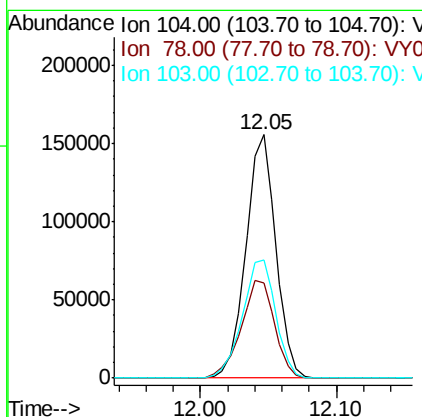
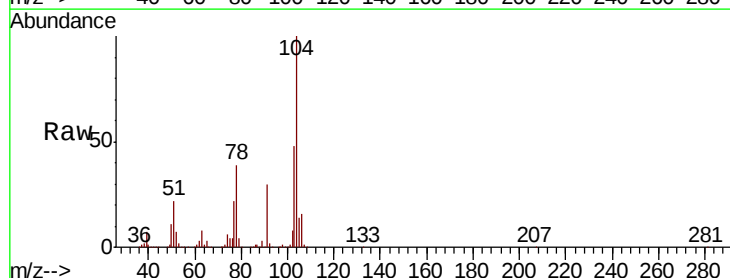
Instrument :
MSVOA_Y
ClientSampleId :

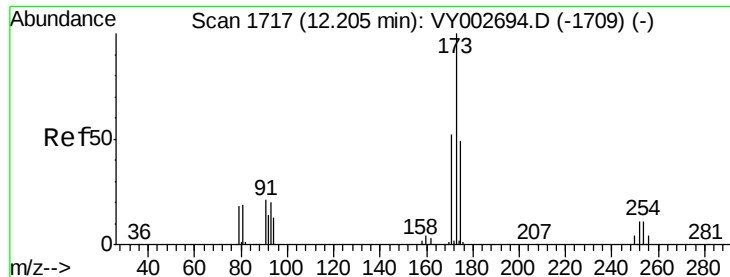
Tot Ion:106 Resp: 139980
Ion Ratio Lower Upper
106 100
91 205.0 103.5 310.3



#70
Styrene
Concen: 20.336 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY002721.D
Acq: 20 May 2020 11:16

Tgt Ion:104 Resp: 239640
Ion Ratio Lower Upper
104 100
78 44.9 36.6 54.8
103 54.4 44.1 66.1





#71

Bromoform

Concen: 19.939 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

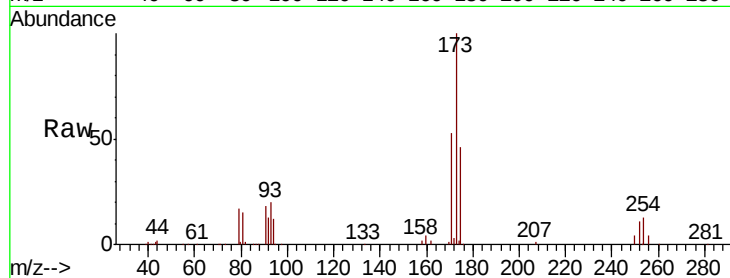
Tot Ion:173 Resp: 48967

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.4

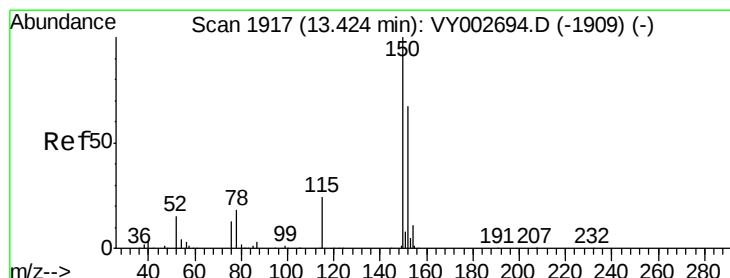
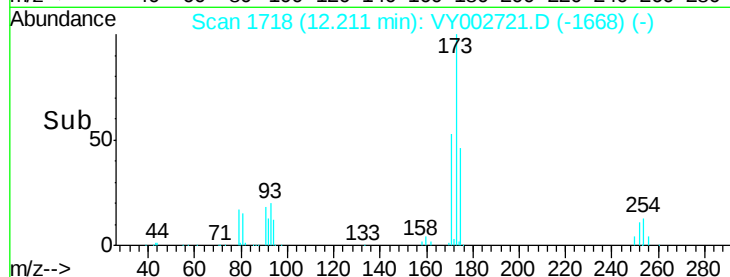
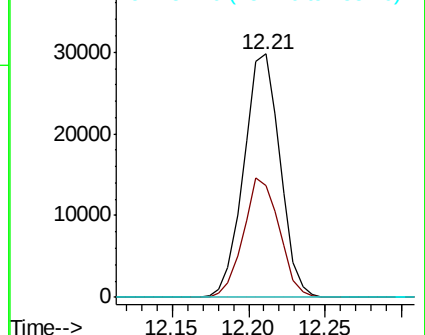
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

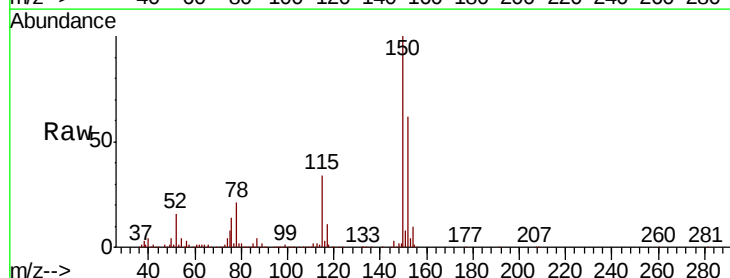
Tgt Ion:152 Resp: 283381

Ion Ratio Lower Upper

152 100

115 53.5 27.2 81.6

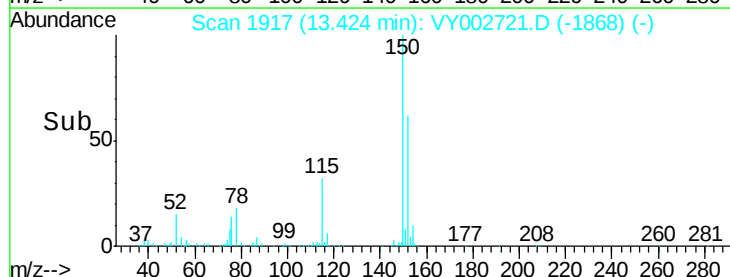
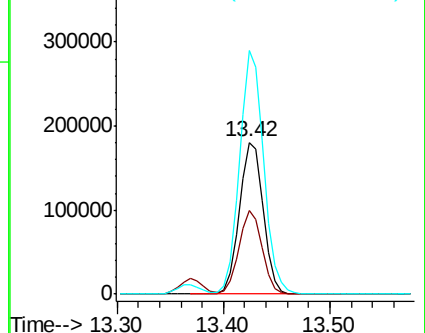
150 162.6 0.0 343.8

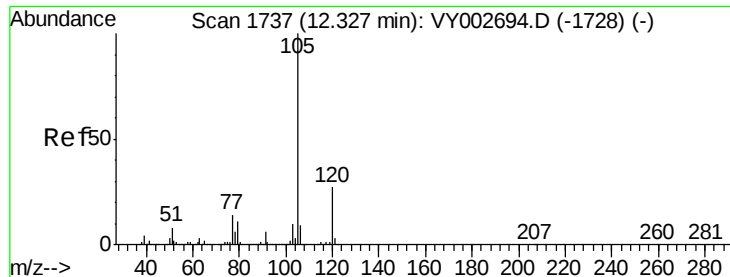


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.753 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

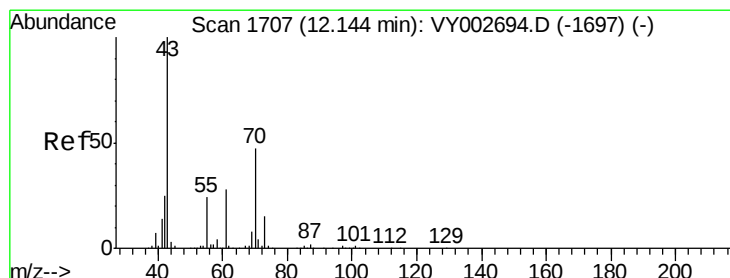
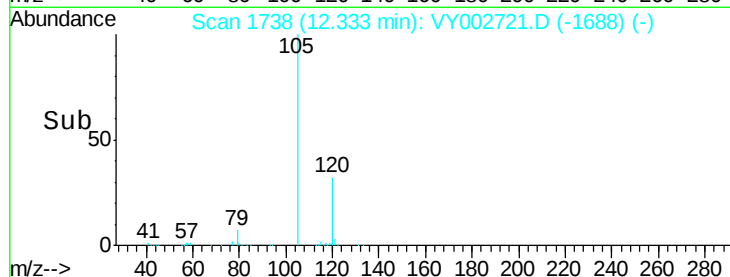
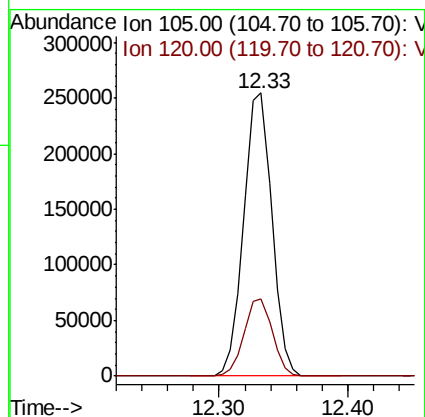
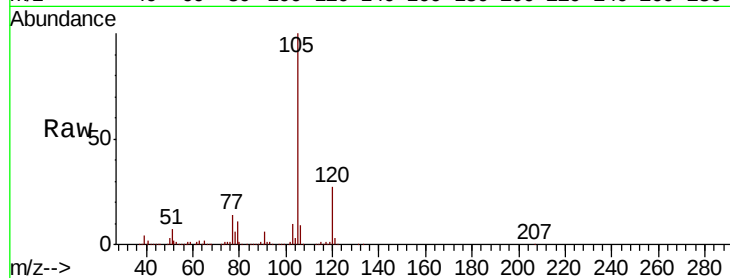
ClientSampled :

Tot Ion:105 Resp: 384274

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 20.678 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Tgt Ion: 43 Resp: 89847

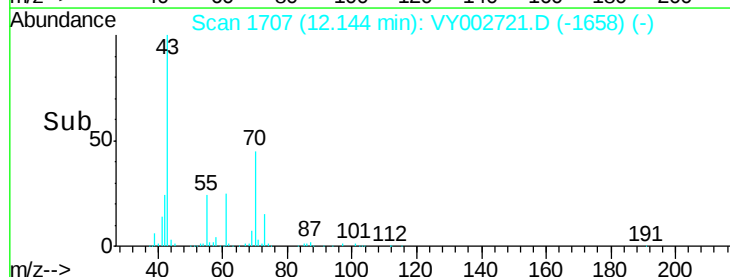
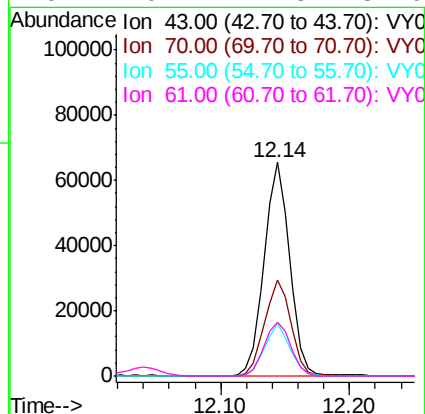
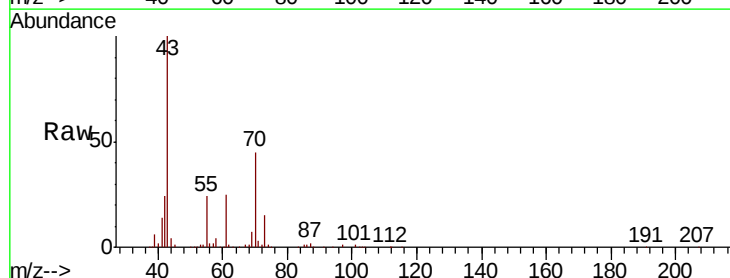
Ion Ratio Lower Upper

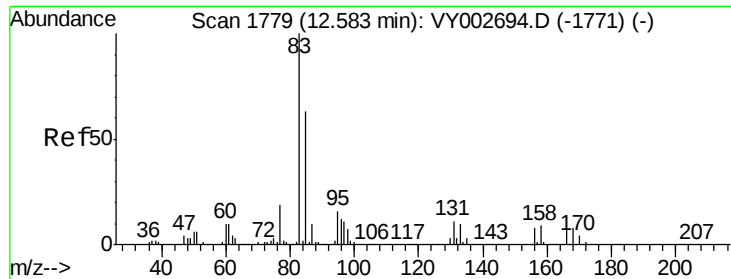
43 100

70 46.2 37.7 56.5

55 24.2 19.4 29.0

61 26.2 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.230 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

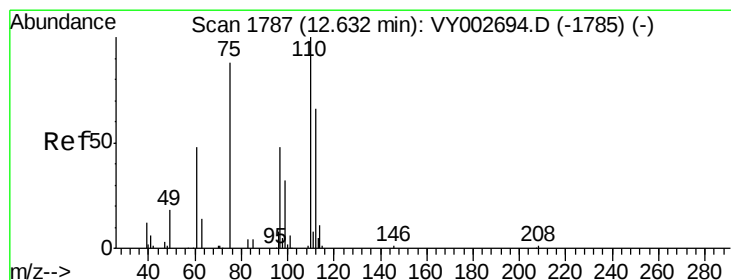
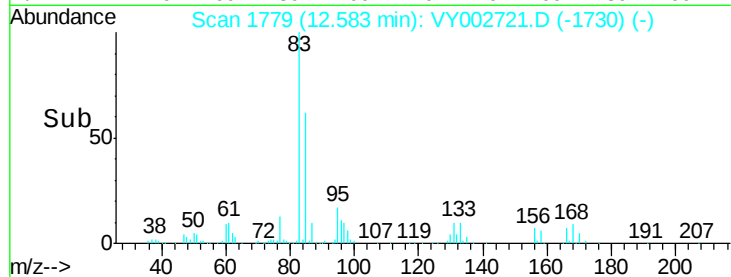
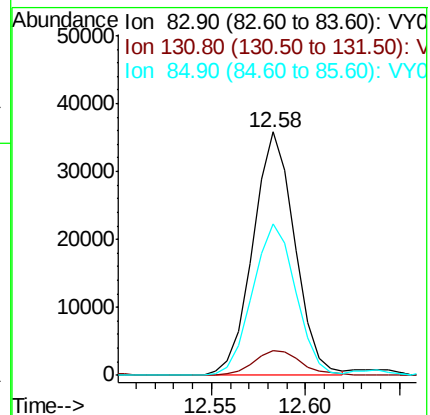
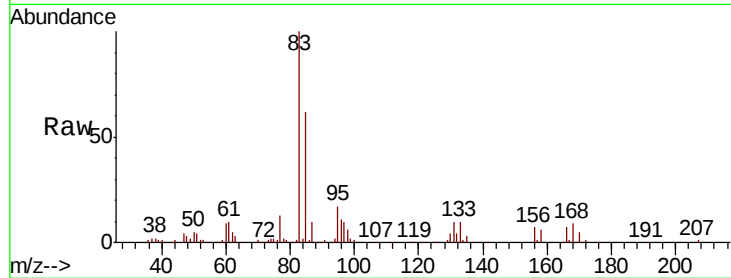
Tot Ion: 83 Resp: 55161

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.3

85 64.1 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 37.834 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY002721.D

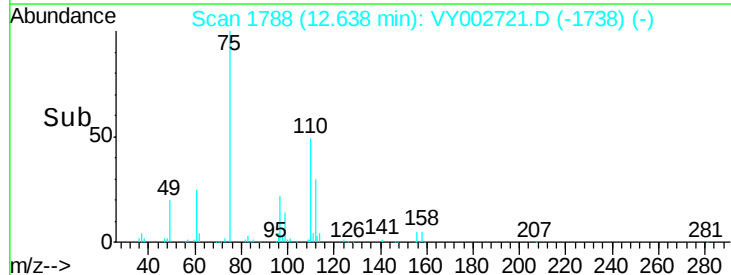
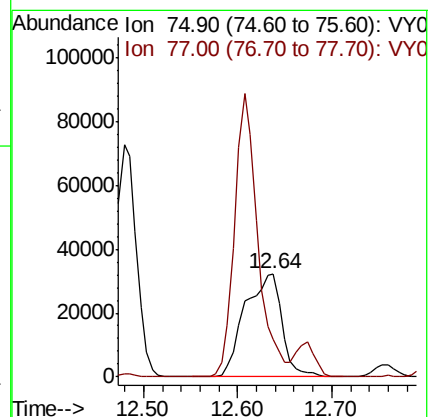
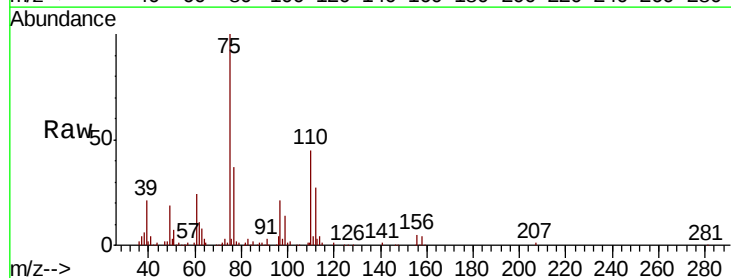
Acq: 20 May 2020 11:16

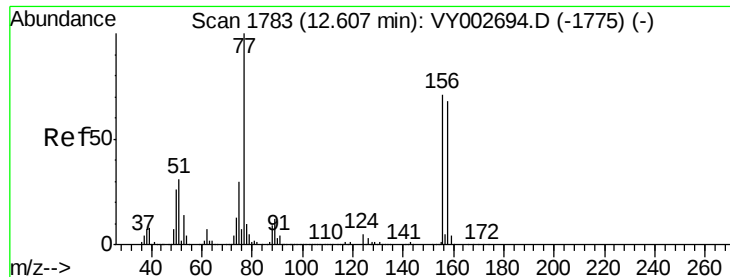
Tgt Ion: 75 Resp: 88072

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.432 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

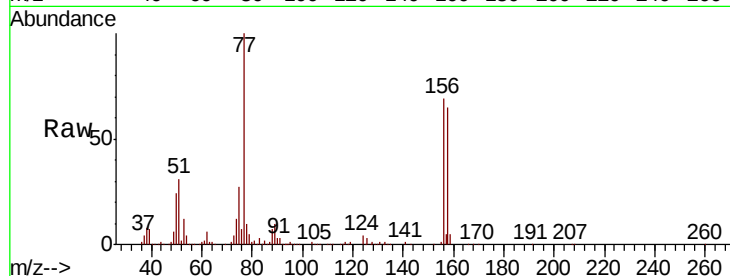
Tot Ion:156 Resp: 94586

Ion Ratio Lower Upper

156 100

77 162.7 80.8 242.3

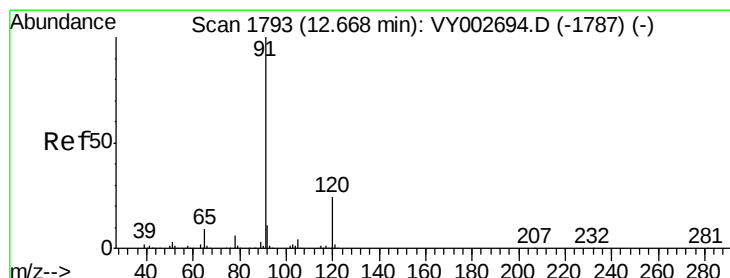
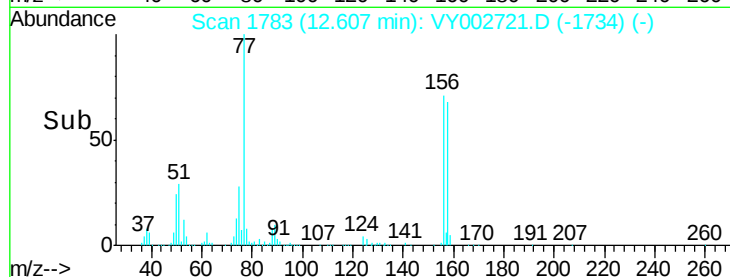
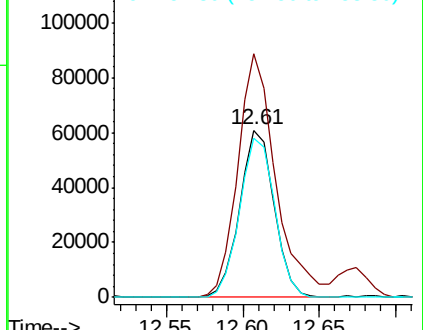
158 97.9 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.708 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002721.D

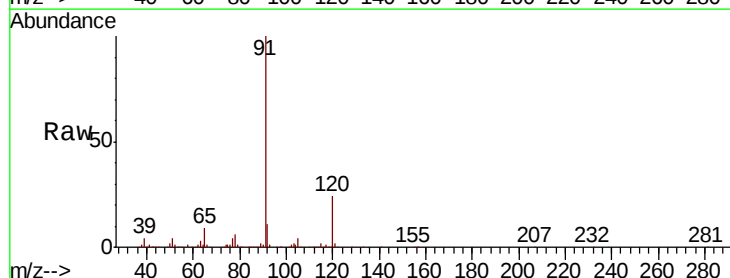
Acq: 20 May 2020 11:16

Tgt Ion: 91 Resp: 446058

Ion Ratio Lower Upper

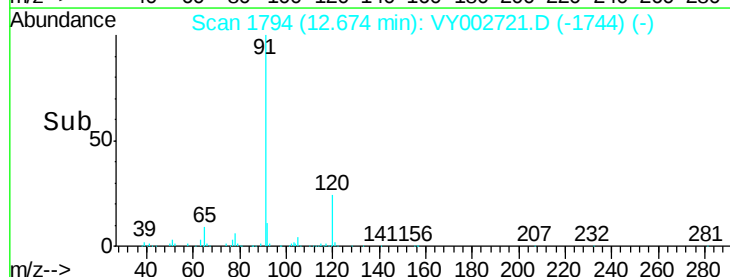
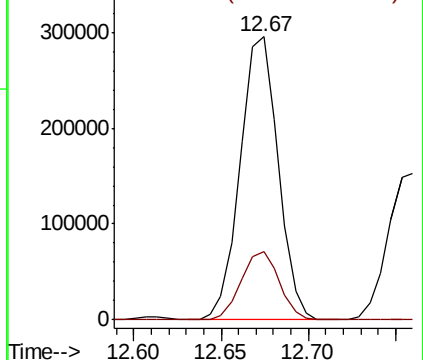
91 100

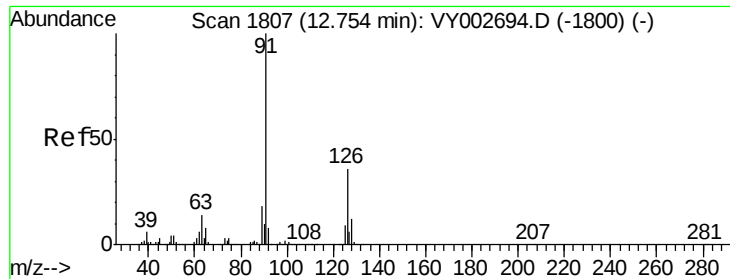
120 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

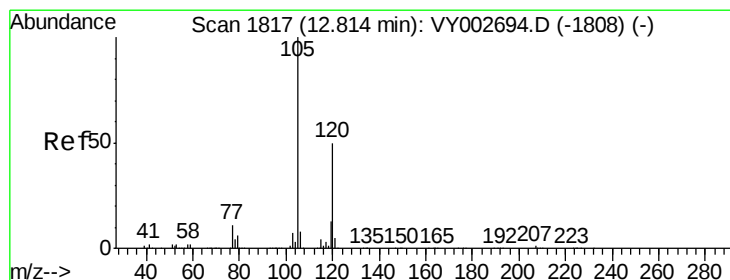
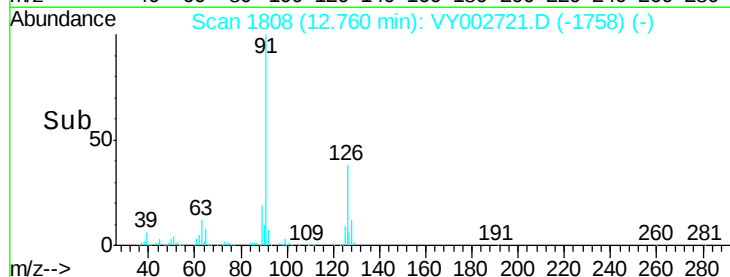
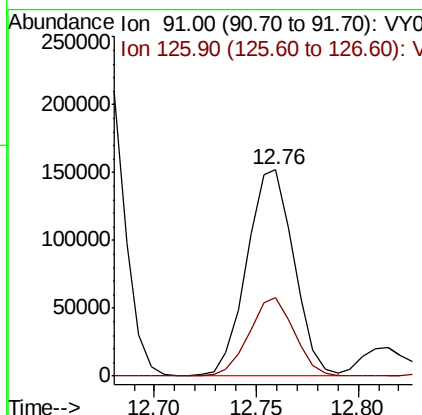
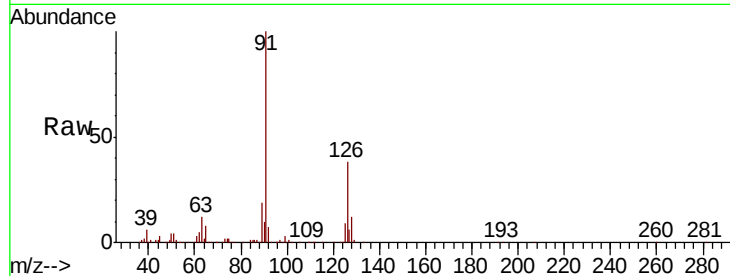




#79
 2-Chlorotoluene
 Concen: 20.463 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

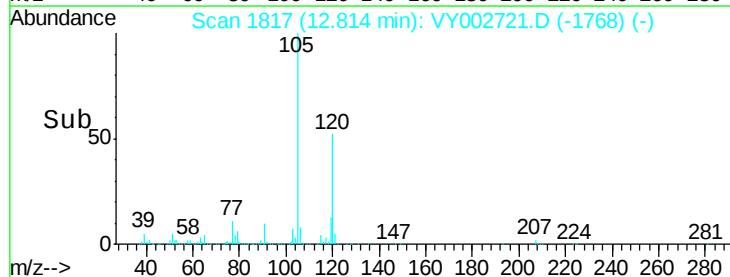
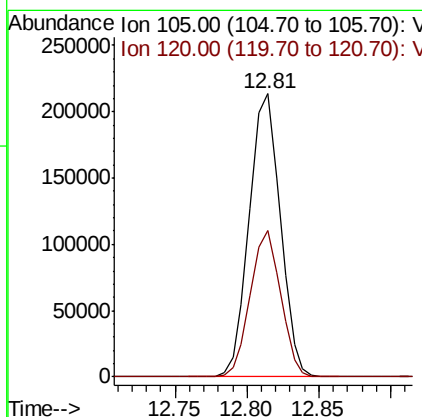
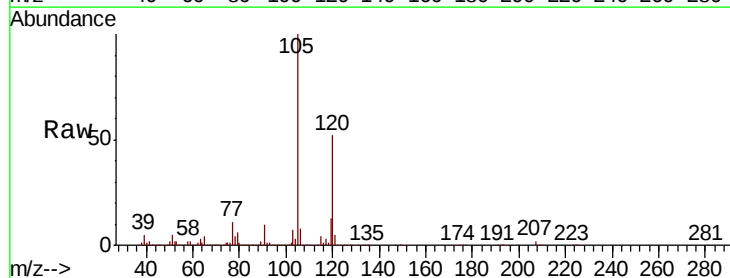
Instrument :
 MSVOA_Y
 ClientSampleId :

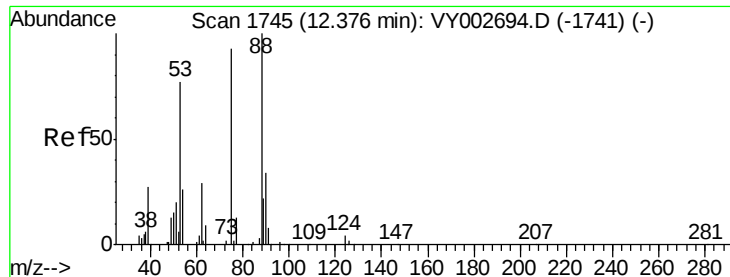
Tot Ion: 91 Resp: 244481
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.4 55.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.461 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

Tgt Ion: 105 Resp: 318341
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.275 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

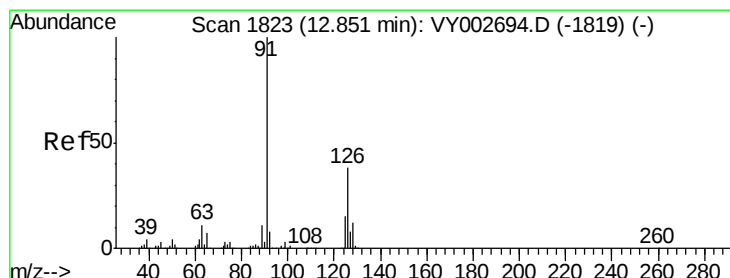
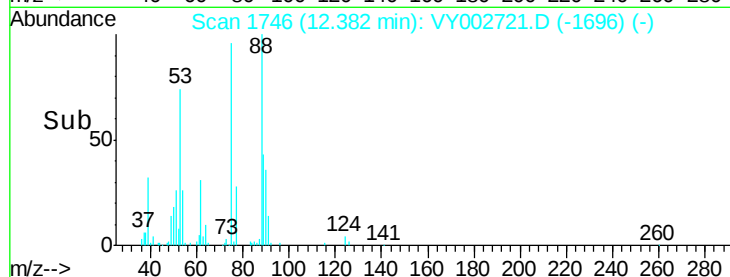
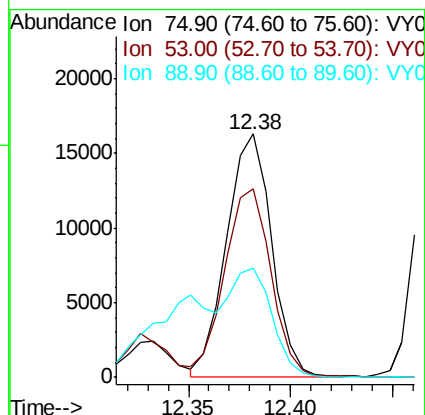
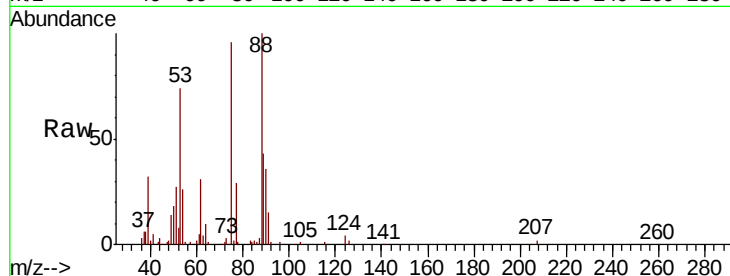
Tot Ion: 75 Resp: 24957

Ion Ratio Lower Upper

75 100

53 80.4 65.0 97.6

89 43.5 66.6 99.8#



#82

4-Chlorotoluene

Concen: 20.550 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002721.D

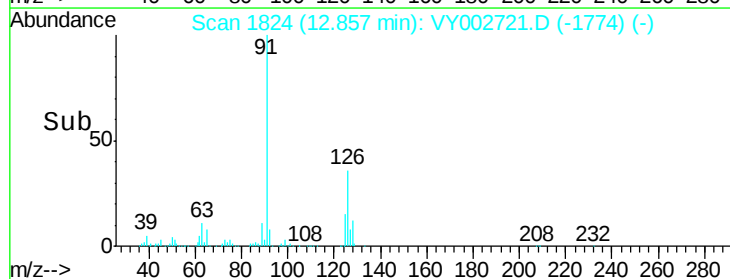
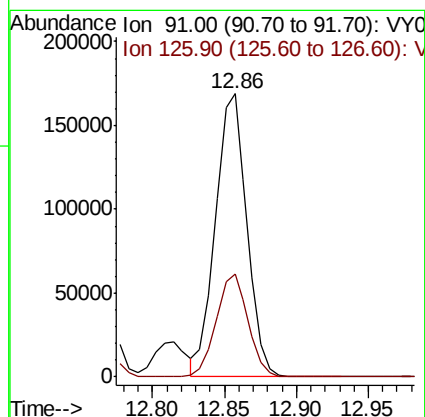
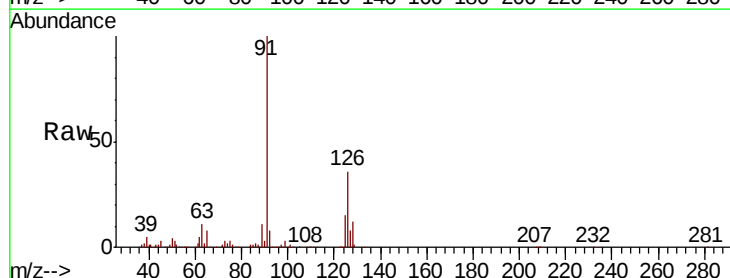
Acq: 20 May 2020 11:16

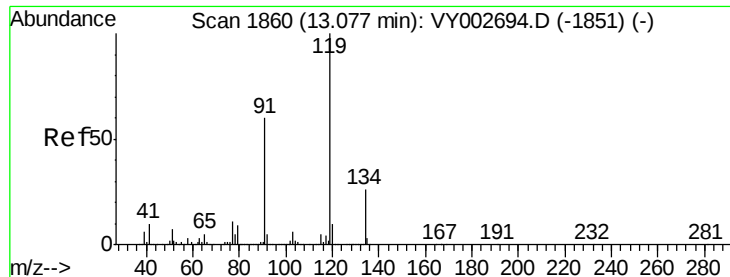
Tgt Ion: 91 Resp: 257178

Ion Ratio Lower Upper

91 100

126 36.7 18.6 56.0





#83

tert-Butylbenzene

Concen: 20.383 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampled :

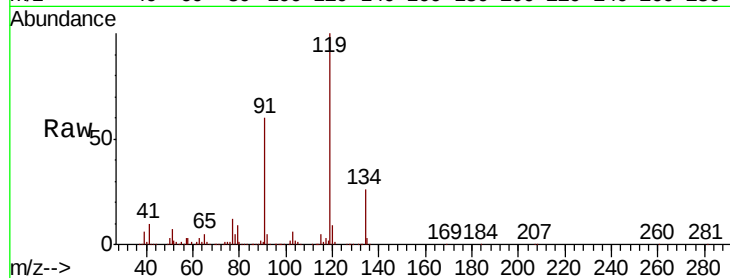
Tot Ion:119 Resp: 280661

Ion Ratio Lower Upper

119 100

91 60.5 30.4 91.2

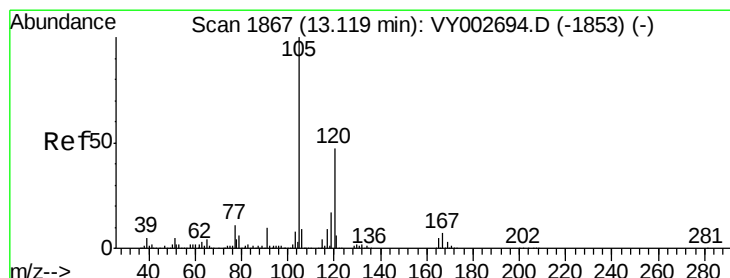
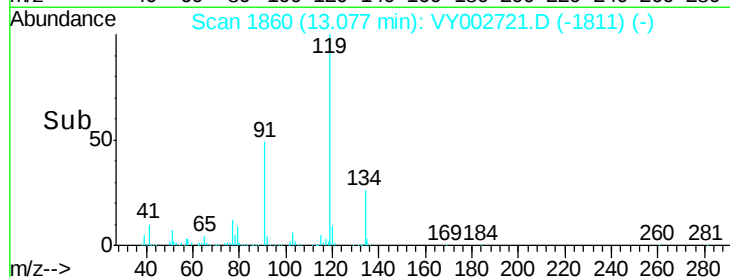
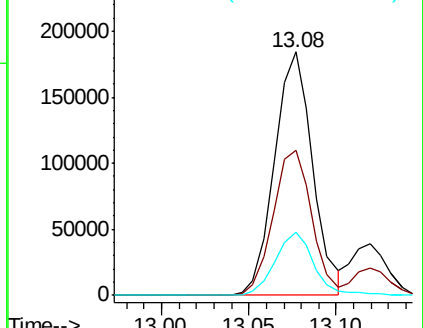
134 26.4 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.251 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY002721.D

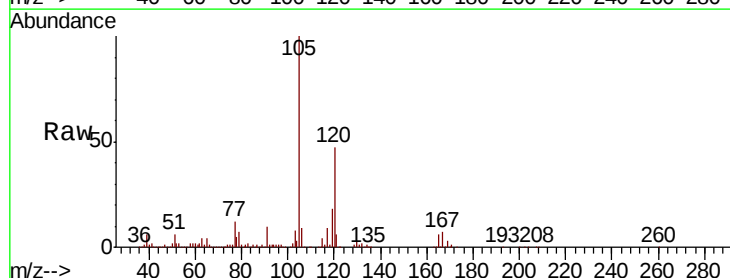
Acq: 20 May 2020 11:16

Tgt Ion:105 Resp: 314895

Ion Ratio Lower Upper

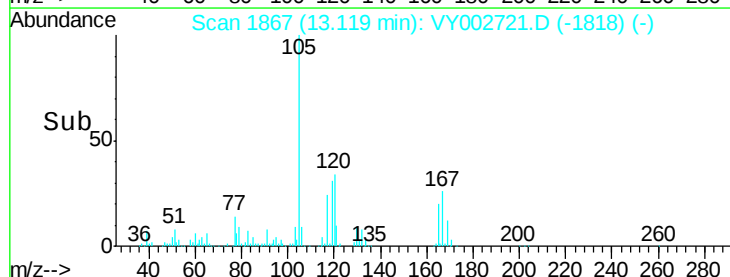
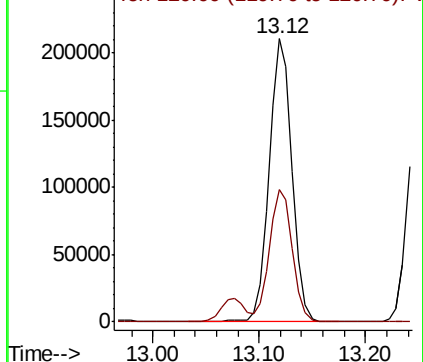
105 100

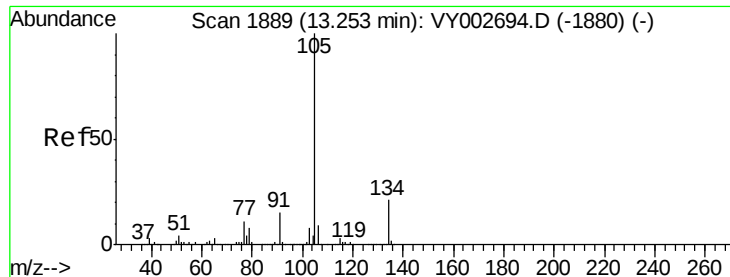
120 47.0 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.585 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

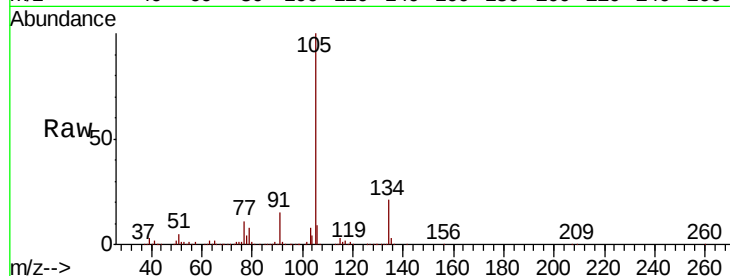
ClientSampleId :

Tot Ion:105 Resp: 391125

Ion Ratio Lower Upper

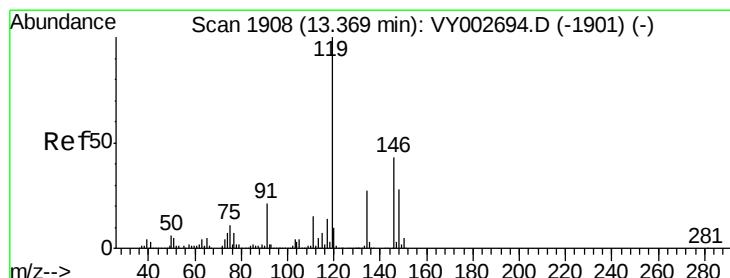
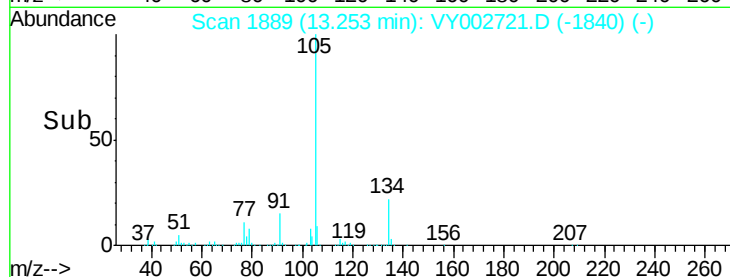
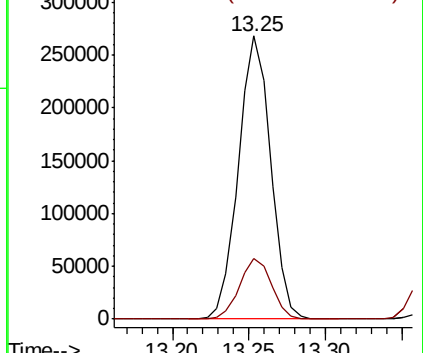
105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.468 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

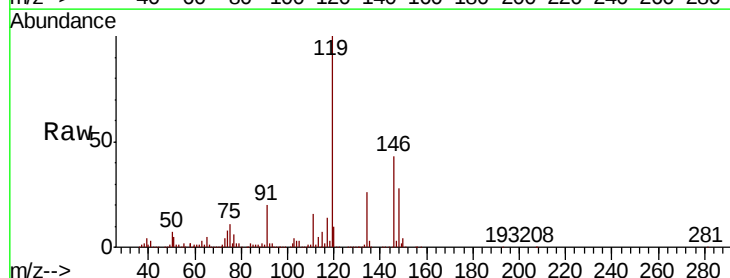
Tgt Ion:119 Resp: 364027

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

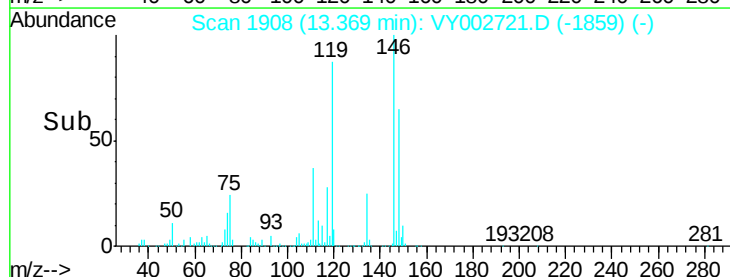
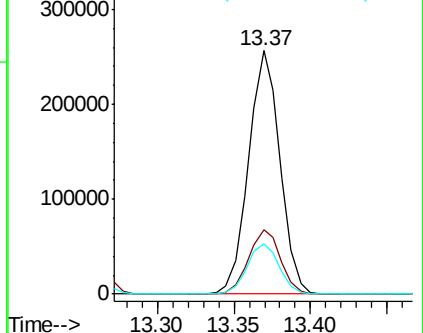
91 21.0 10.8 32.3

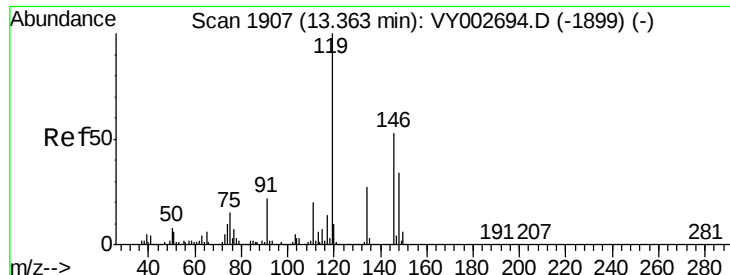


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

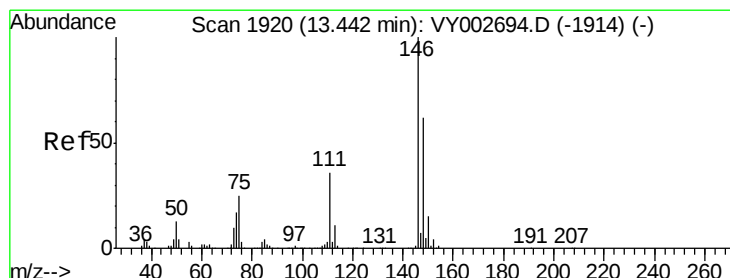
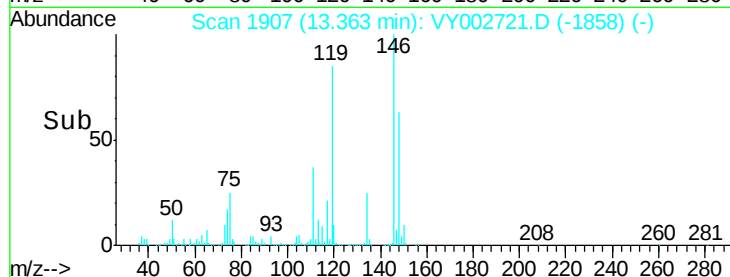
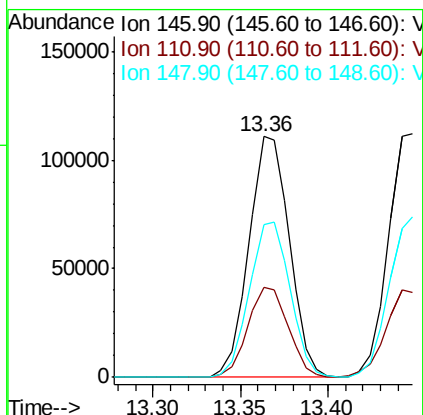
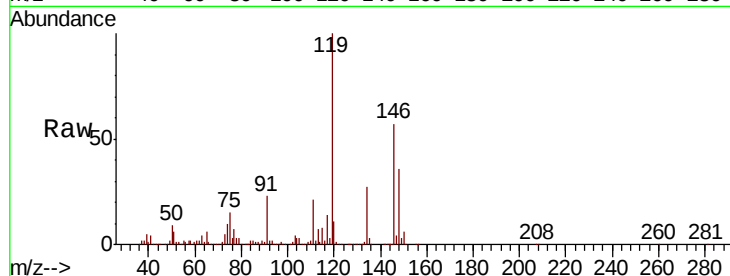




#87
 1,3-Dichlorobenzene
 Concen: 19.999 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

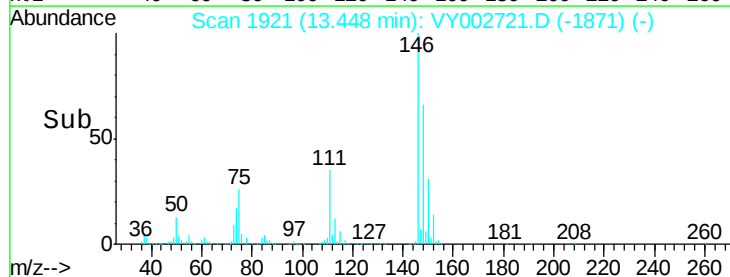
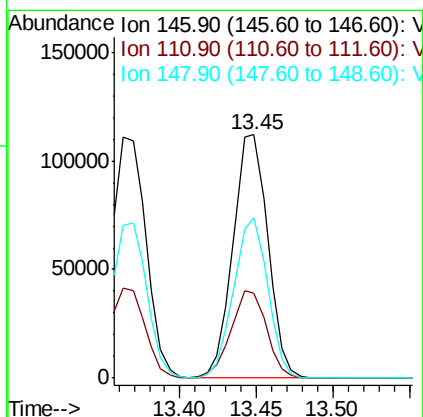
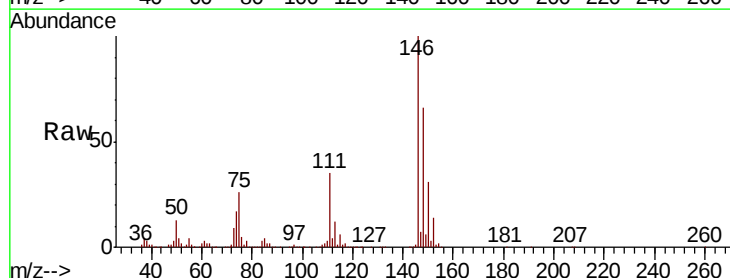
Instrument :
 MSVOA_Y
 ClientSampled :

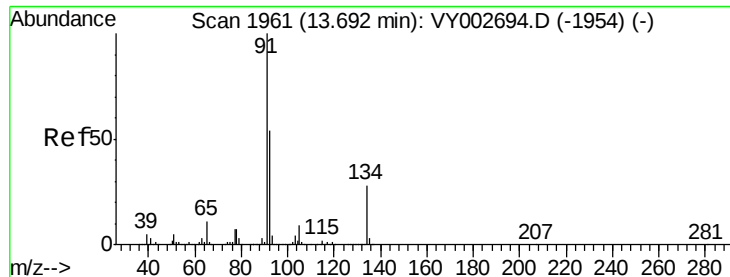
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.5	55.5
148	64.7	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.980 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.4
148	64.5	31.8	95.3





#89

n-Butylbenzene

Concen: 20.389 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

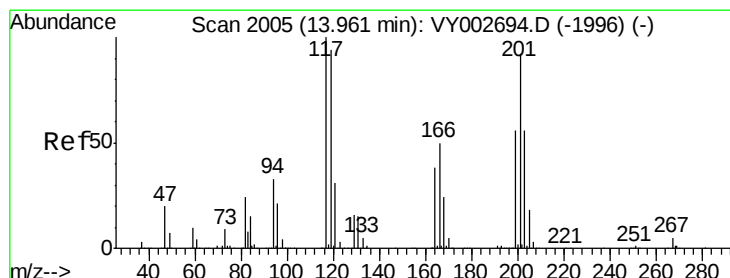
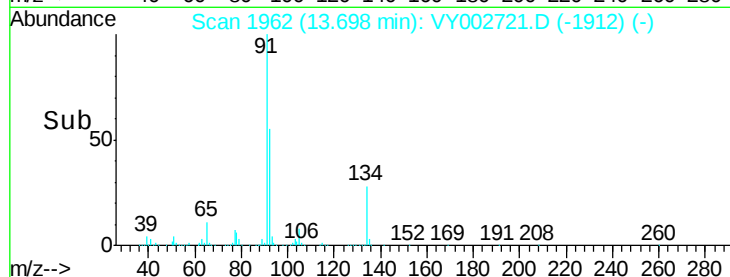
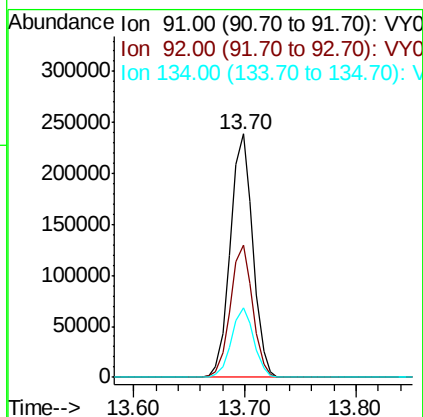
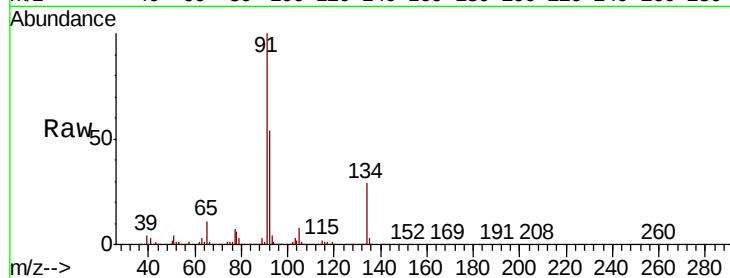
Tot Ion: 91 Resp: 333019

Ion Ratio Lower Upper

91 100

92 53.6 26.8 80.4

134 28.4 14.5 43.5



#90

Hexachloroethane

Concen: 20.004 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002721.D

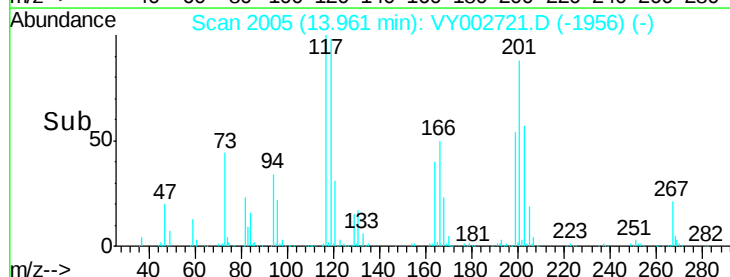
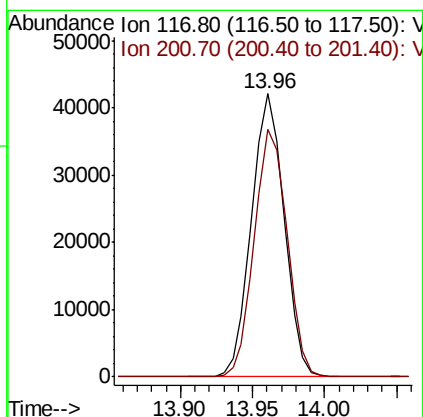
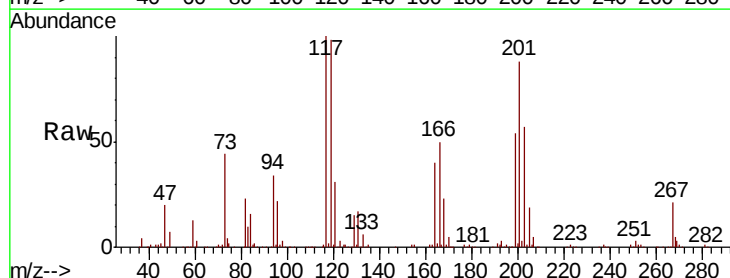
Acq: 20 May 2020 11:16

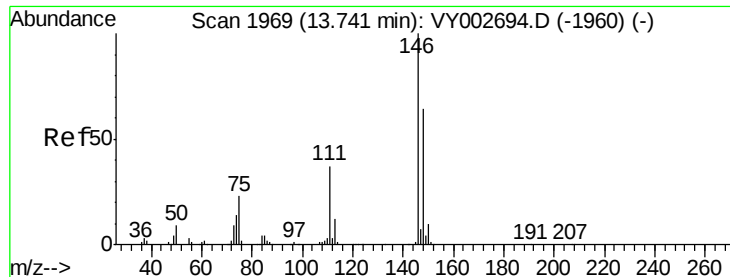
Tgt Ion: 117 Resp: 65897

Ion Ratio Lower Upper

117 100

201 88.0 44.9 134.7

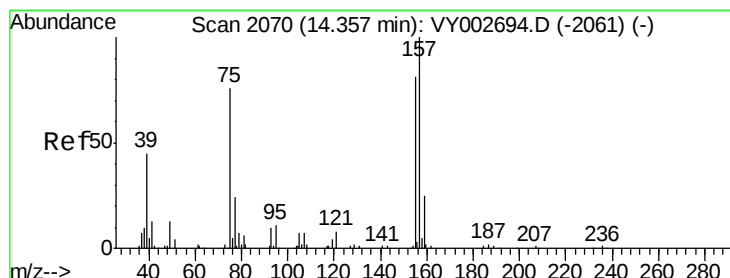
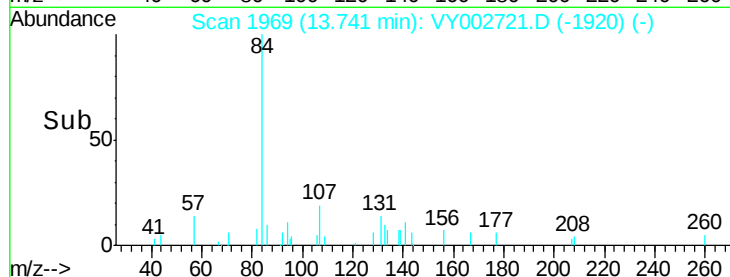
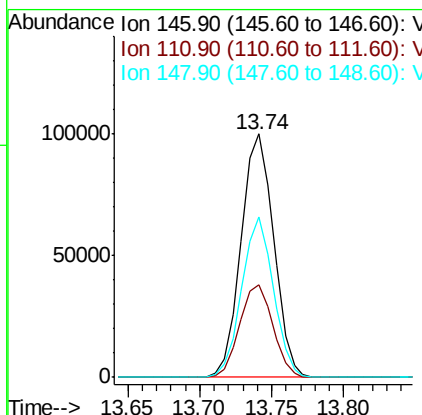
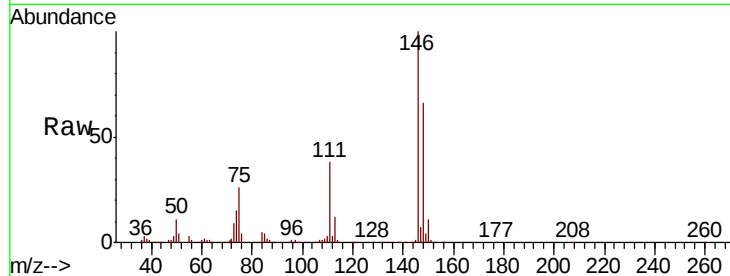




#91
 1,2-Dichlorobenzene
 Concen: 19.682 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

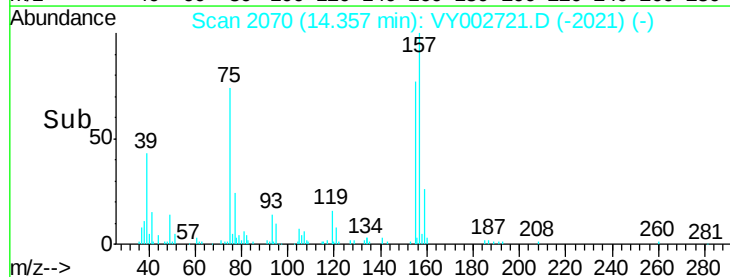
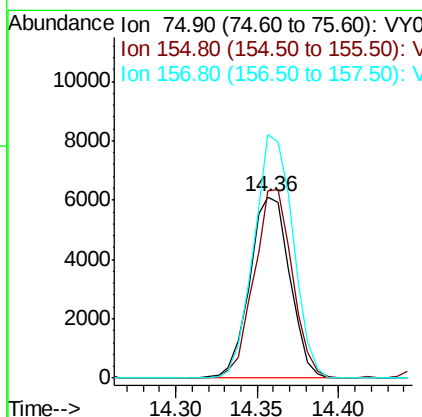
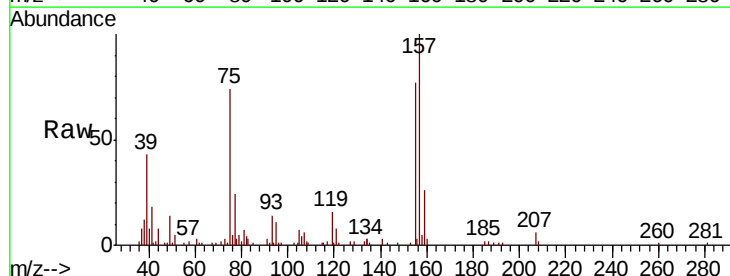
Instrument :
 MSVOA_Y
 ClientSampled :

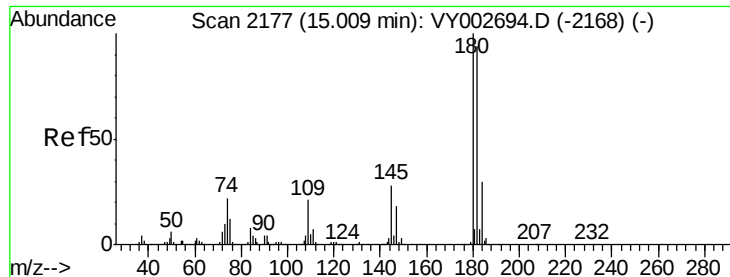
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.1
148	63.8	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.964 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.9	53.5	160.7
157	131.3	67.9	203.7

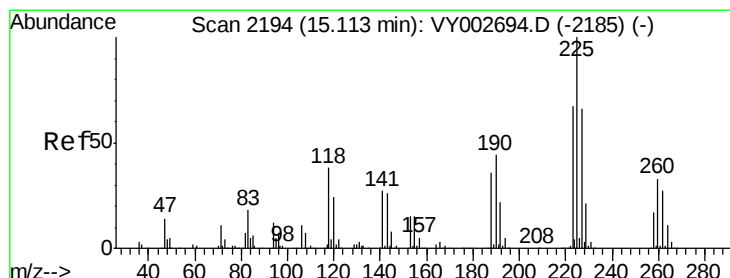
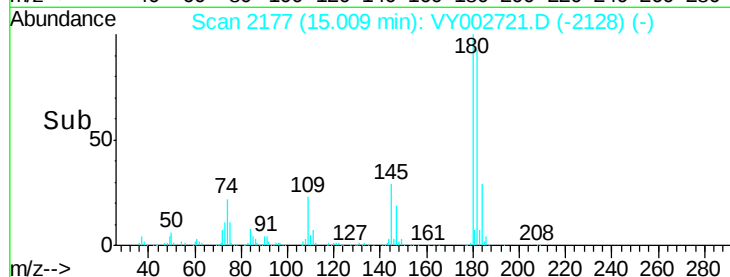
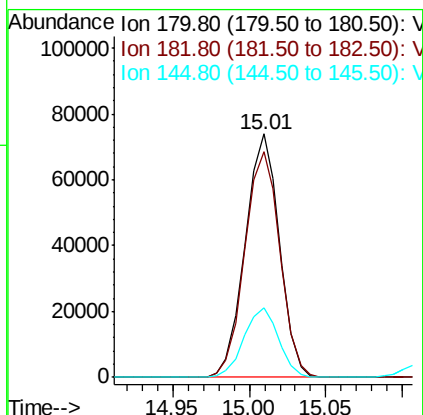
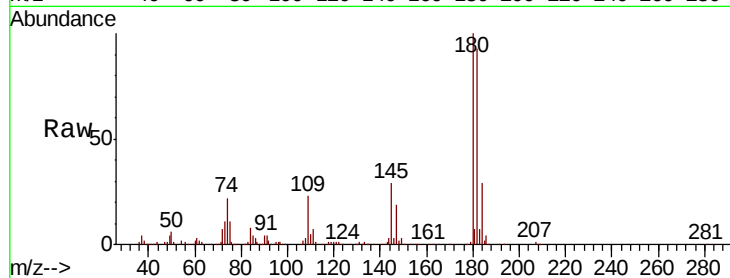




#93
 1,2,4-Trichlorobenzene
 Concen: 17.839 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

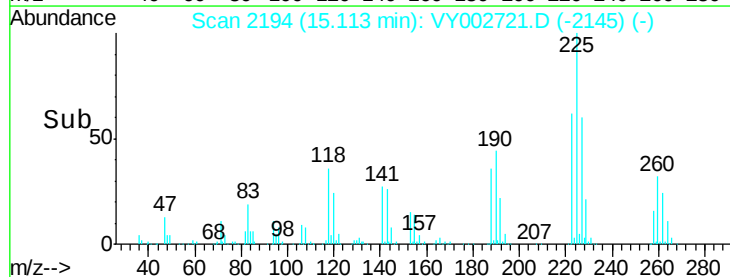
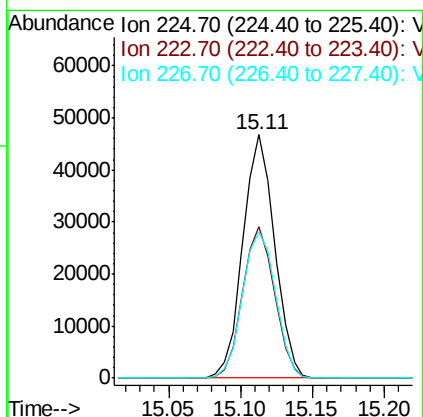
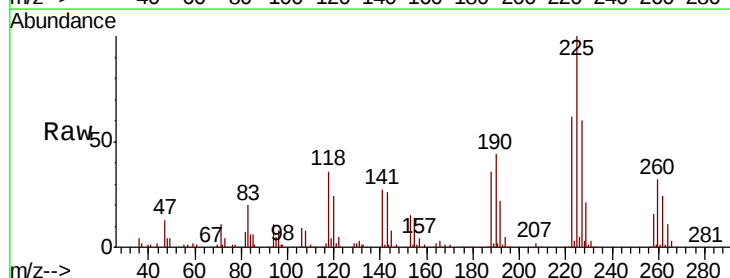
Instrument :
 MSVOA_Y
 ClientSampleId :

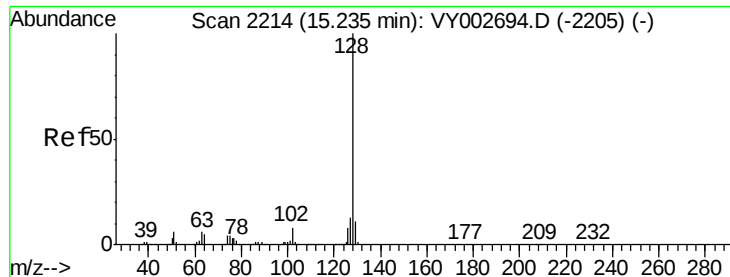
Tot Ion:180 Resp: 114762
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 142.0
 145 29.0 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 18.449 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002721.D
 Acq: 20 May 2020 11:16

Tgt Ion:225 Resp: 71513
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 94.8
 227 62.9 32.2 96.6





#95

Naphthalene

Concen: 18.231 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

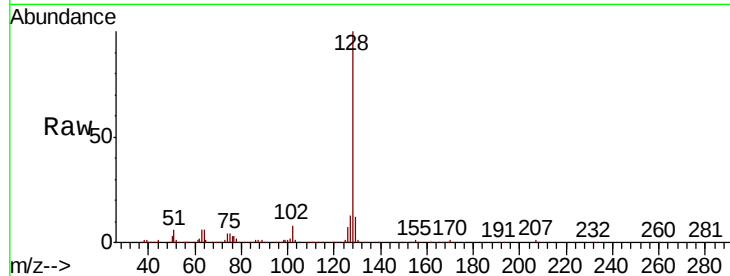
Tot Ion:128 Resp: 200987

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

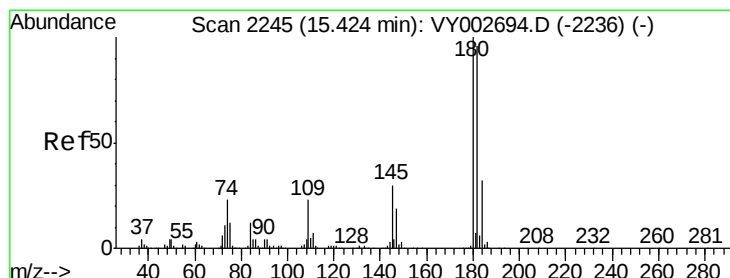
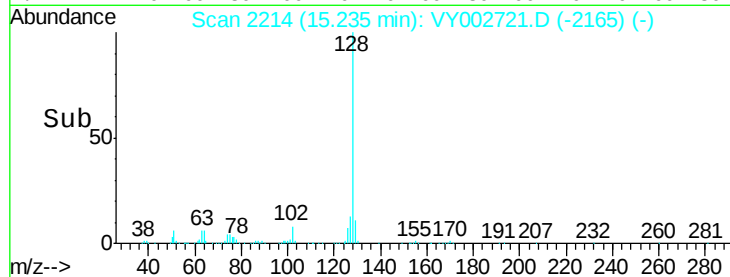
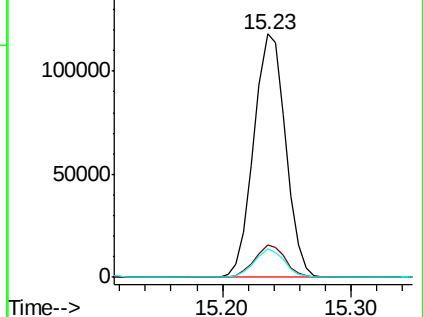
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.155 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002721.D

Acq: 20 May 2020 11:16

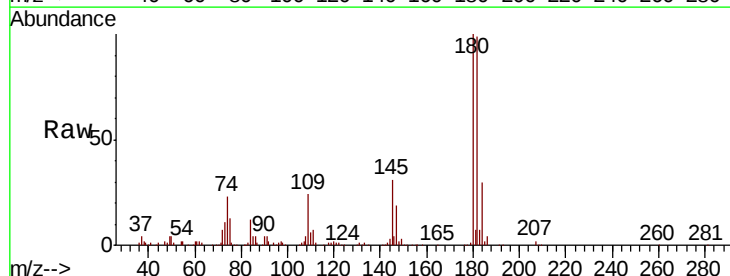
Tgt Ion:180 Resp: 95185

Ion Ratio Lower Upper

180 100

182 97.0 47.6 142.9

145 30.6 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

