

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052020\
 Data File : VY002719.D
 Acq On : 20 May 2020 10:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 21 02:41:38 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	431182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	641994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	569163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	290681	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	163846	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
35) Dibromofluoromethane	7.72	113	179127	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
50) Toluene-d8	10.18	98	708331	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.48	95	235387	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	157507	50.978	ug/l	99
3) Chloromethane	2.12	50	174810	49.402	ug/l	100
4) Vinyl Chloride	2.26	62	191711	51.993	ug/l	98
5) Bromomethane	2.65	94	130966	47.923	ug/l	98
6) Chloroethane	2.80	64	118008	50.048	ug/l	99
7) Trichlorofluoromethane	3.13	101	318291	51.222	ug/l	98
8) Diethyl Ether	3.54	74	108016	51.099	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	196723	52.226	ug/l	100
10) Methyl Iodide	4.10	142	276517	53.333	ug/l	100
11) Tert butyl alcohol	4.96	59	77971	227.637	ug/l	99
12) 1,1-Dichloroethene	3.88	96	194707	51.481	ug/l	98
13) Acrolein	3.74	56	111165	276.706	ug/l	99
14) Allyl chloride	4.49	41	285376	52.558	ug/l	98
15) Acrylonitrile	5.17	53	236246	246.825	ug/l	100
16) Acetone	3.95	43	155135	223.127	ug/l	97
17) Carbon Disulfide	4.20	76	601520	50.704	ug/l	99
18) Methyl Acetate	4.48	43	98586	49.731	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	477195	50.867	ug/l	99
20) Methylene Chloride	4.72	84	202129	48.094	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	212924	50.629	ug/l	99
22) Diisopropyl ether	6.13	45	561202	52.096	ug/l	97
23) Vinyl Acetate	6.07	43	1762265	255.479	ug/l	99
24) 1,1-Dichloroethane	6.02	63	336178	52.225	ug/l	99
25) 2-Butanone	6.99	43	267656	232.670	ug/l	99
26) 2,2-Dichloropropane	6.99	77	310799	51.892	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	233830	51.456	ug/l	99
28) Bromochloromethane	7.34	49	124975	49.078	ug/l	99
29) Tetrahydrofuran	7.35	42	191088	244.140	ug/l	99
30) Chloroform	7.51	83	342438	51.256	ug/l	97
31) Cyclohexane	7.78	56	324954	49.773	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	319271	51.719	ug/l	100
36) 1,1-Dichloropropene	7.92	75	279197	51.372	ug/l	100
37) Ethyl Acetate	7.08	43	130465	48.807	ug/l	99
38) Carbon Tetrachloride	7.90	117	298143	51.042	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	375416	51.373	ug/l	99
40) Benzene	8.16	78	809274	51.034	ug/l	99
41) Methacrylonitrile	7.35	41	176740	110.051	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	205325	49.093	ug/l	98
43) Isopropyl Acetate	8.28	43	251914	50.710	ug/l	100
44) Trichloroethene	8.94	130	257804	51.003	ug/l	97
45) 1,2-Dichloropropane	9.22	63	192262	51.085	ug/l	99
46) Dibromomethane	9.31	93	105654	49.967	ug/l	99
47) Bromodichloromethane	9.50	83	262928	50.950	ug/l	98
48) Methyl methacrylate	9.29	41	113186	49.484	ug/l	98
49) 1,4-Dioxane	9.30	88	28083	975.157	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	636203	248.047	ug/l	100
52) Toluene	10.24	92	517521	50.430	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	280182	50.868	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	324880	50.879	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	157244	49.951	ug/l	97
56) Ethyl methacrylate	10.51	69	212075	50.604	ug/l	99
57) 1,3-Dichloropropane	10.79	76	265810	50.388	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	509293	246.164	ug/l	100
59) 2-Hexanone	10.83	43	434229	243.003	ug/l	99
60) Dibromochloromethane	10.99	129	203391	50.574	ug/l	100
61) 1,2-Dibromoethane	11.09	107	154849	49.927	ug/l	99
64) Tetrachloroethene	10.72	164	280789	51.964	ug/l	98
65) Chlorobenzene	11.52	112	563906	51.272	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	213511	52.307	ug/l	100
67) Ethyl Benzene	11.59	91	1005724	52.080	ug/l	100
68) m/p-Xylenes	11.70	106	782026	104.090	ug/l	99
69) o-Xylene	12.03	106	366778	52.014	ug/l	99
70) Styrene	12.04	104	626785	51.771	ug/l	100
71) Bromoform	12.20	173	130597	51.759	ug/l #	100
73) Isopropylbenzene	12.33	105	1002494	52.780	ug/l	99
74) N-amyl acetate	12.14	43	230613	51.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	141925	50.743	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	226910	95.027	ug/l #	100
77) Bromobenzene	12.61	156	246943	52.003	ug/l	99
78) n-propylbenzene	12.67	91	1164512	52.704	ug/l	100
79) 2-Chlorotoluene	12.75	91	638234	52.079	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	828767	51.929	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	65136	51.589	ug/l #	53
82) 4-Chlorotoluene	12.85	91	658602	51.305	ug/l	100
83) tert-Butylbenzene	13.08	119	739265	52.340	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	823864	51.653	ug/l	100
85) sec-Butylbenzene	13.25	105	1020264	52.347	ug/l	100
86) p-Isopropyltoluene	13.37	119	953943	52.289	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	467597	51.072	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	459983	50.463	ug/l	99
89) n-Butylbenzene	13.70	91	870504	51.959	ug/l	99
90) Hexachloroethane	13.96	117	175166	51.839	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	411407	50.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26324	49.078	ug/l	98

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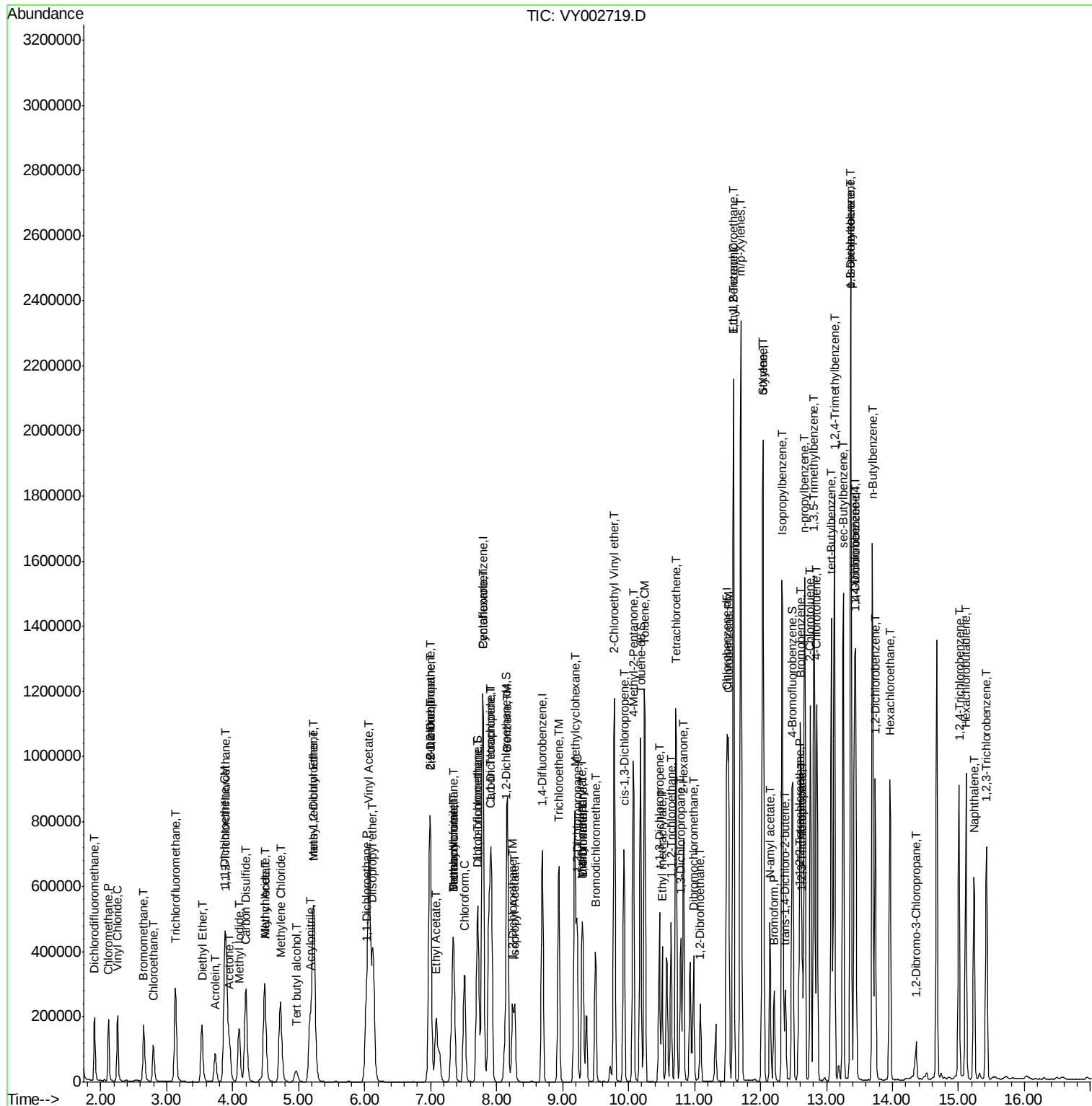
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	304296	51.530	ug/l	99
94) Hexachlorobutadiene	15.11	225	187365	53.288	ug/l	100
95) Naphthalene	15.23	128	525267	46.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	250880	49.790	ug/l	99

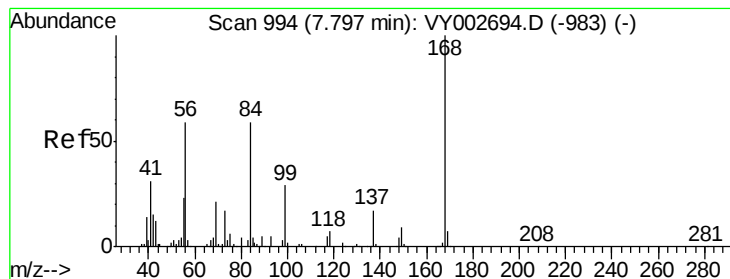
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :

MSVOA_Y

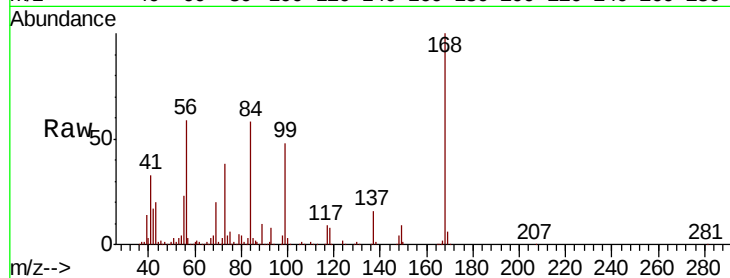
ClientSampled :

Tot Ion:168 Resp: 431182

Ion Ratio Lower Upper

168 100

99 47.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002719.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002719.D (-983) (-)

7.80

200000

150000

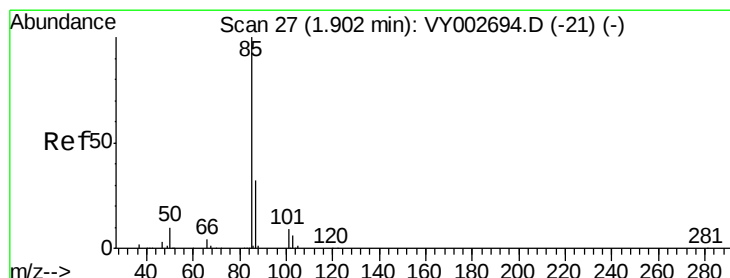
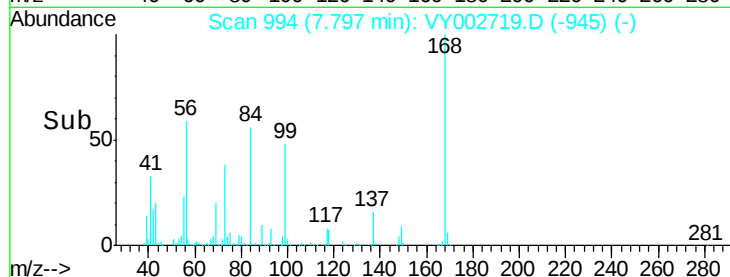
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 50.978 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002719.D

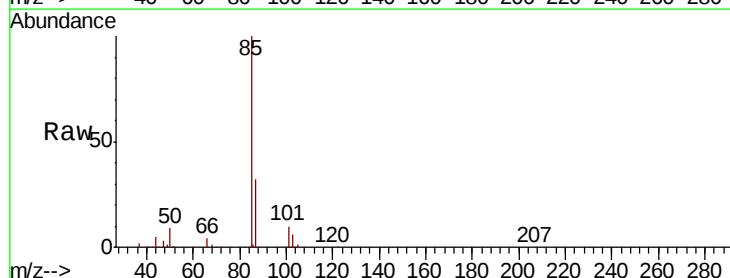
Acq: 20 May 2020 10:07

Tgt Ion: 85 Resp: 157507

Ion Ratio Lower Upper

85 100

87 32.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002719.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002719.D (-1) (-)

1.91

120000

100000

80000

60000

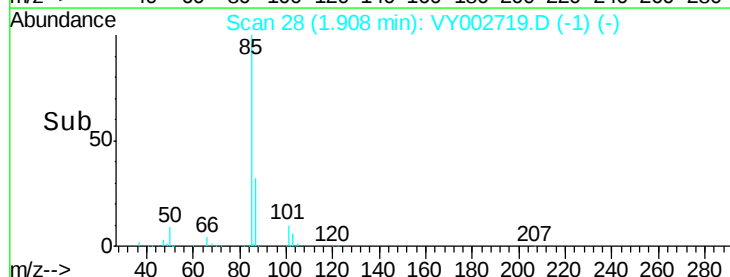
40000

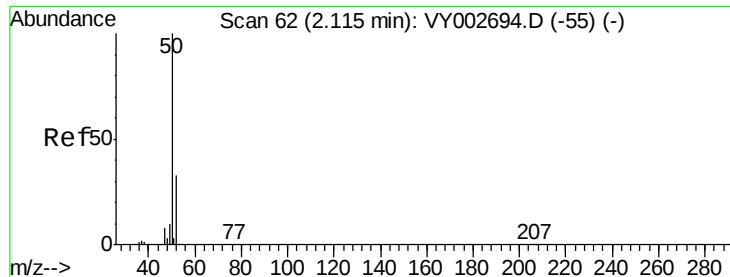
20000

0

1.80 1.90 2.00

Time-->

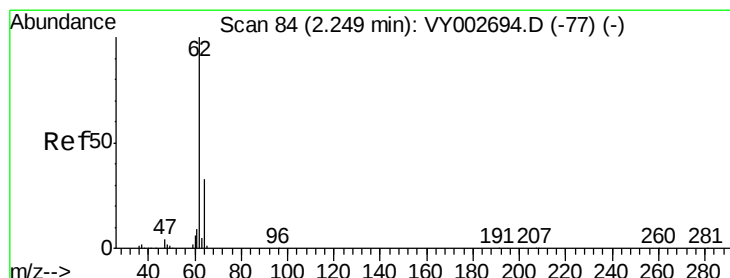
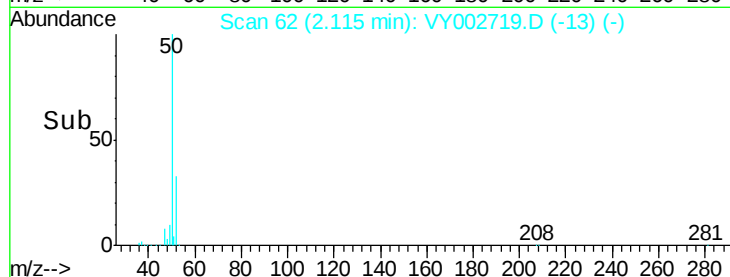
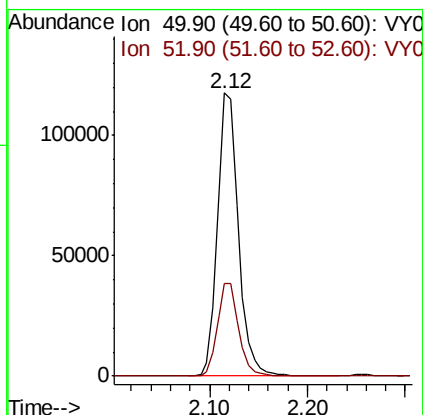
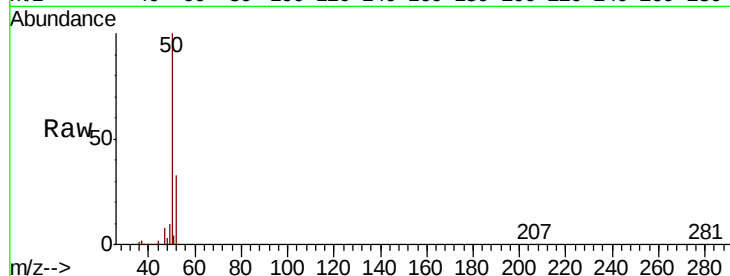




#3
Chloromethane
Concen: 49.402 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

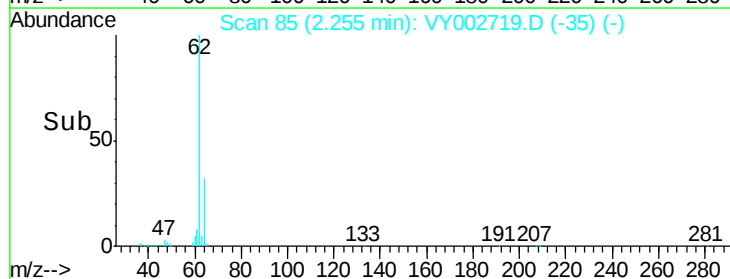
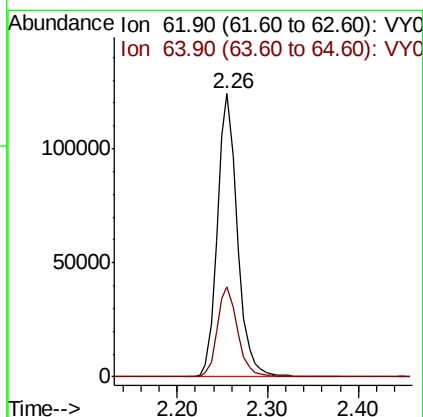
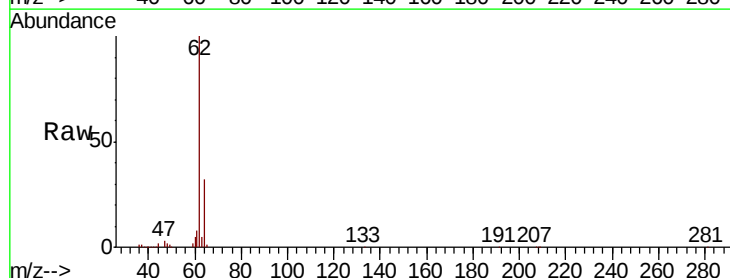
Instrument :
MSVOA_Y
ClientSampleId :

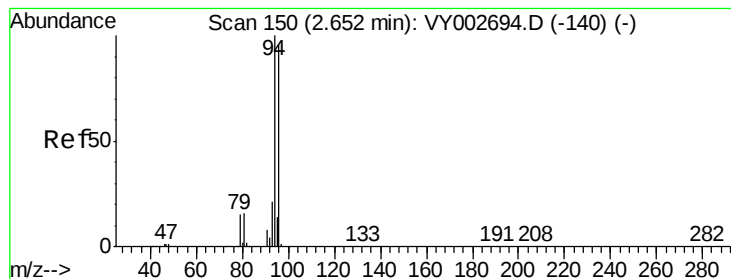
Tot Ion: 50 Resp: 174810
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5



#4
Vinyl Chloride
Concen: 51.993 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.01 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion: 62 Resp: 191711
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.4





#5

Bromomethane

Concen: 47.923 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

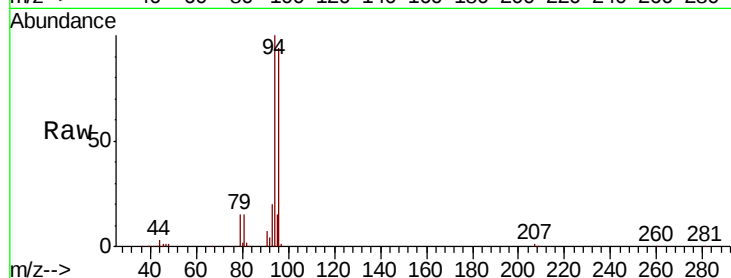
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 130966

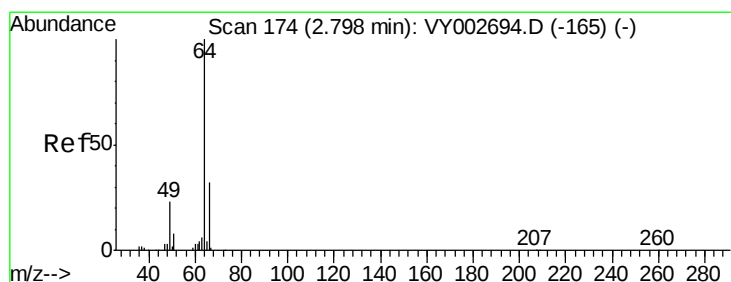
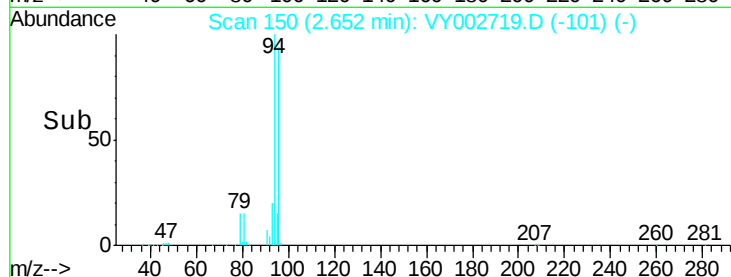
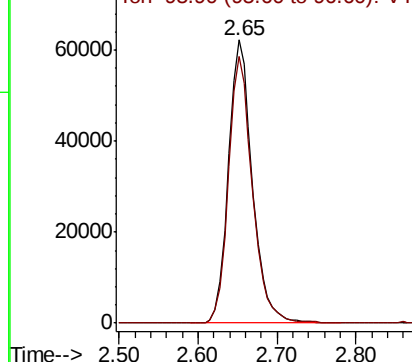
Ion Ratio Lower Upper

94 100

96 94.4 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 50.048 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002719.D

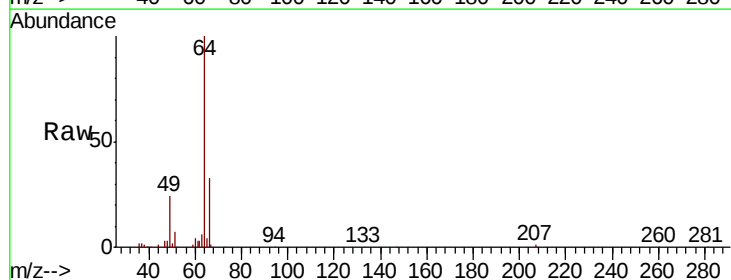
Acq: 20 May 2020 10:07

Tgt Ion: 64 Resp: 118008

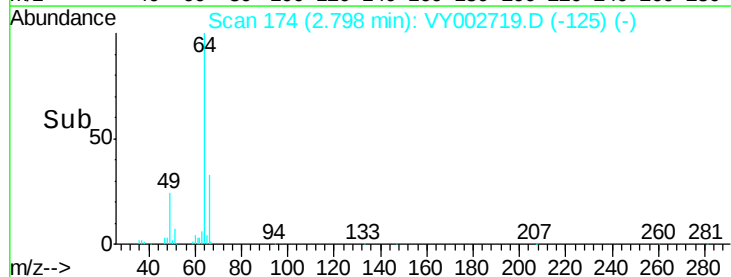
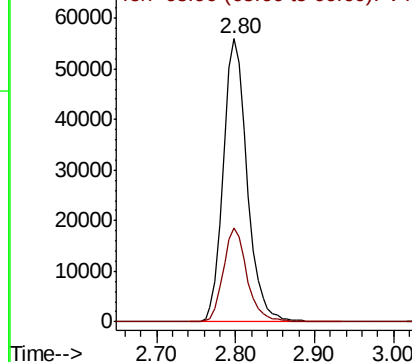
Ion Ratio Lower Upper

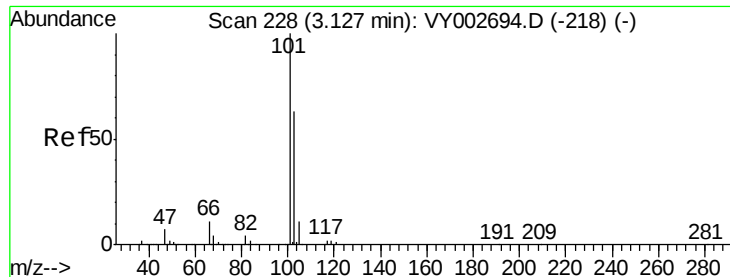
64 100

66 33.2 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



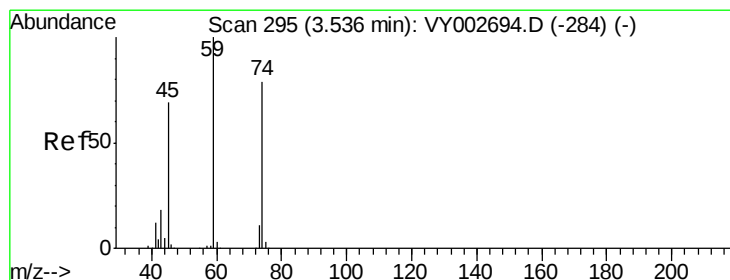
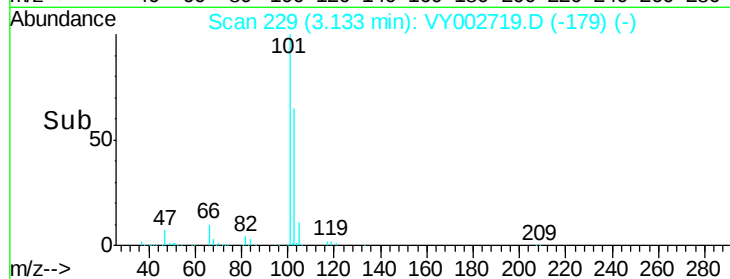
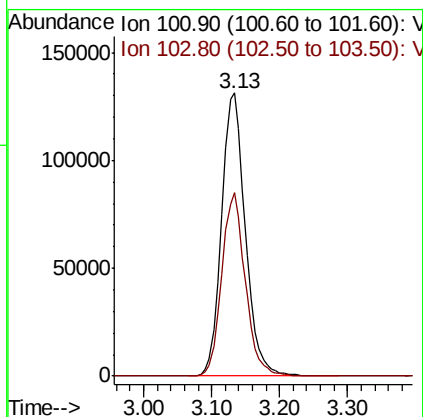
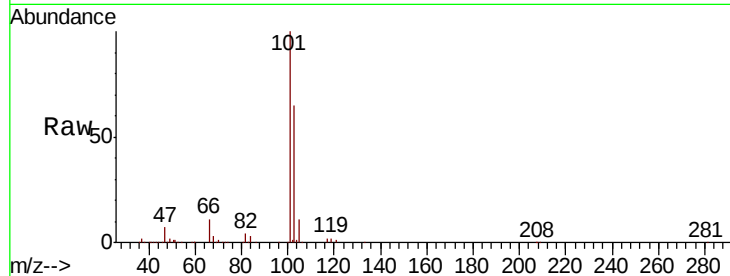


#7

Trichlorofluoromethane
Concen: 51.222 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampled :

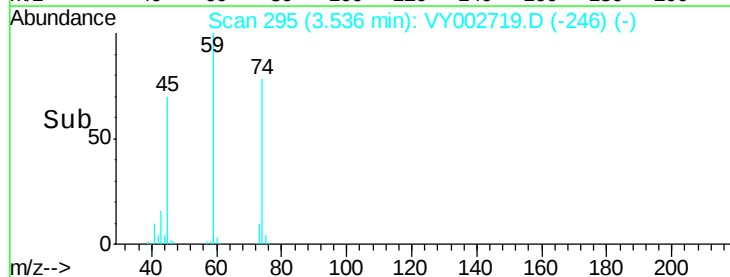
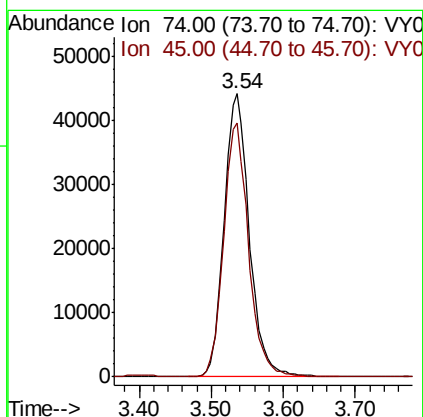
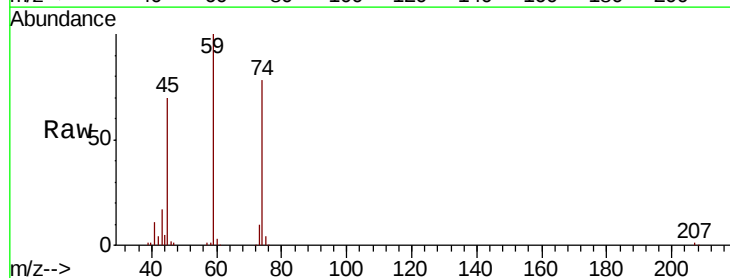
Tot Ion:101 Resp: 318291
Ion Ratio Lower Upper
101 100
103 64.8 50.6 75.8

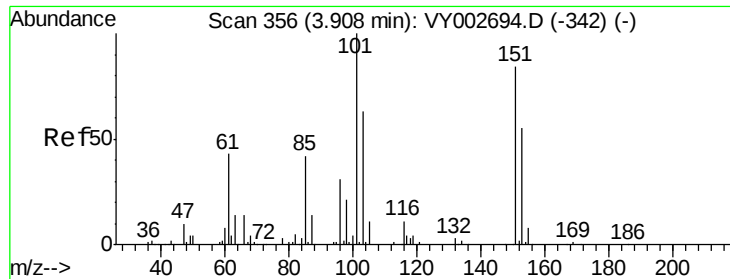


#8

Diethyl Ether
Concen: 51.099 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion: 74 Resp: 108016
Ion Ratio Lower Upper
74 100
45 88.5 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.226 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :

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ClientSampleId :

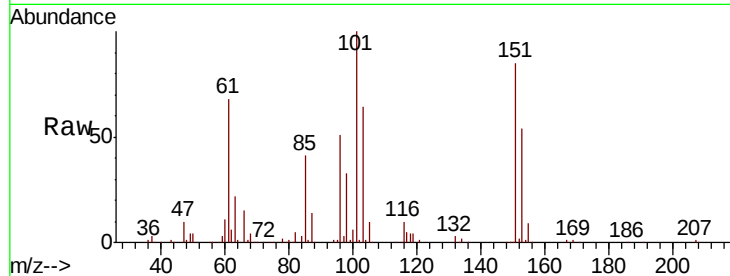
Tot Ion:101 Resp: 196723

Ion Ratio Lower Upper

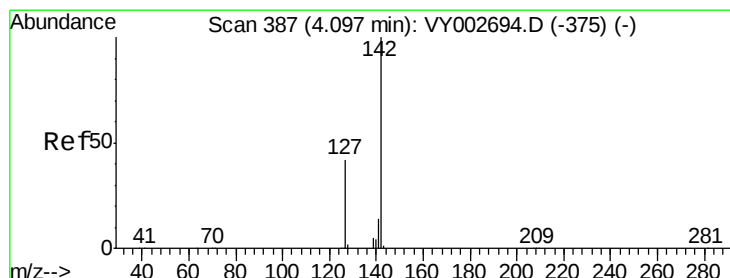
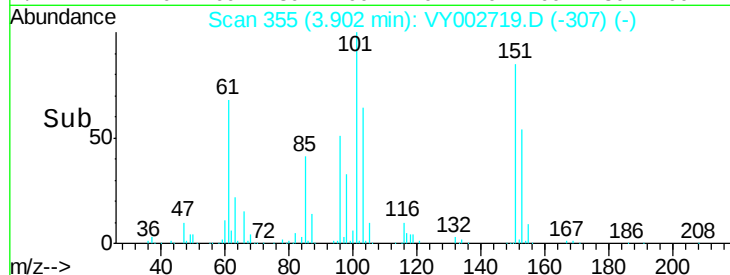
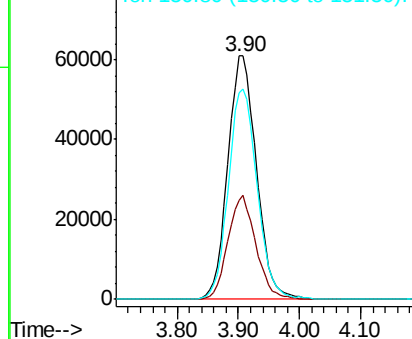
101 100

85 41.5 33.5 50.3

151 86.6 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: 53.333 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

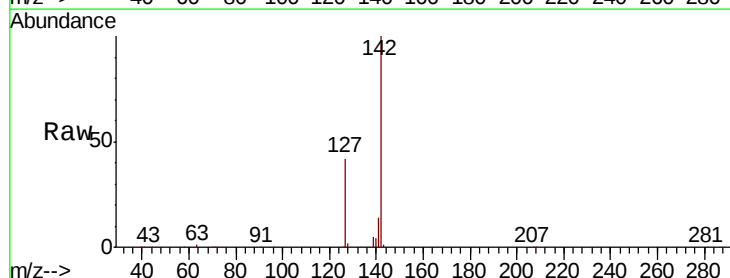
Tgt Ion:142 Resp: 276517

Ion Ratio Lower Upper

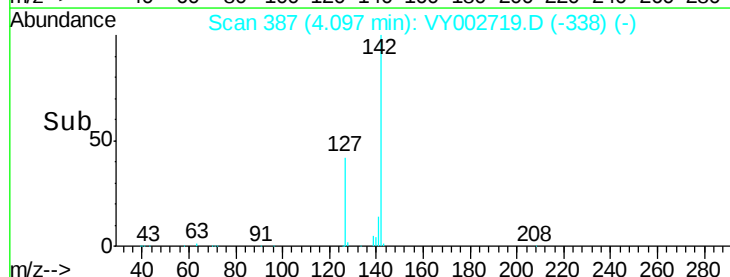
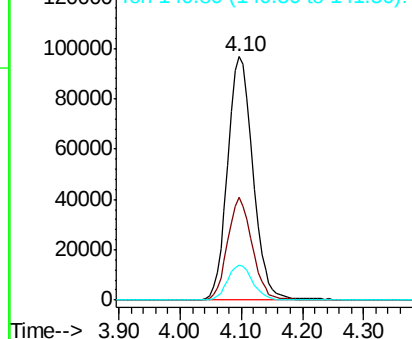
142 100

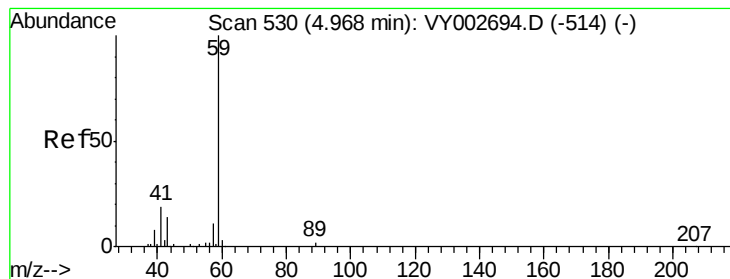
127 40.8 32.8 49.2

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



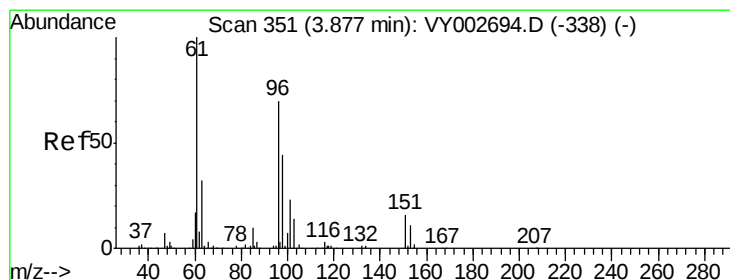
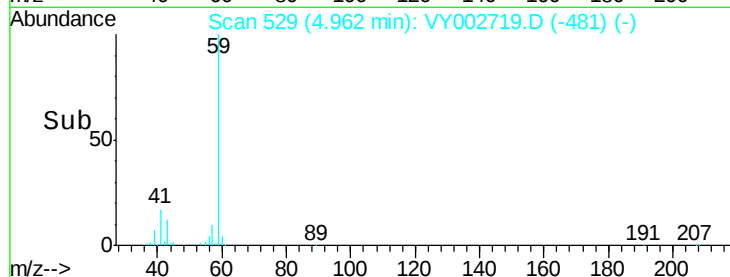
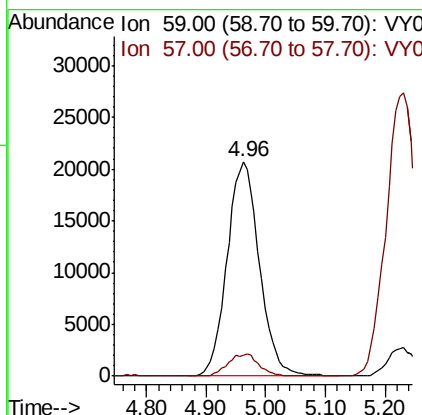
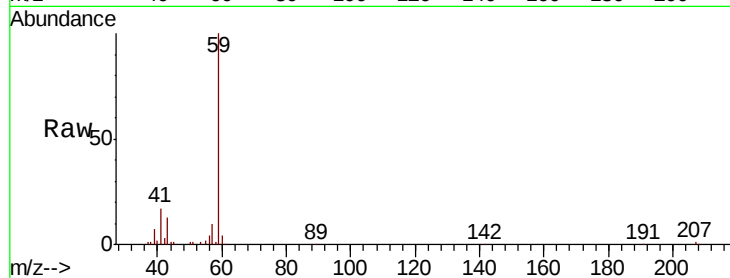


#11

Tert butyl alcohol
Concen: 227.637 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :

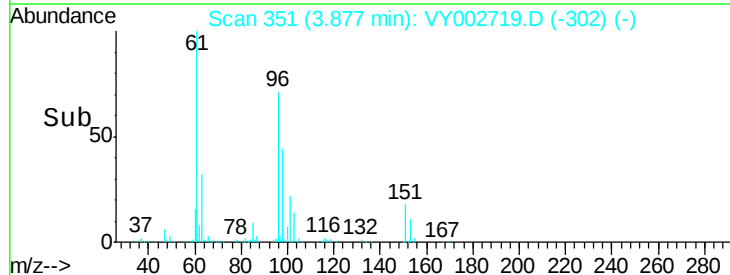
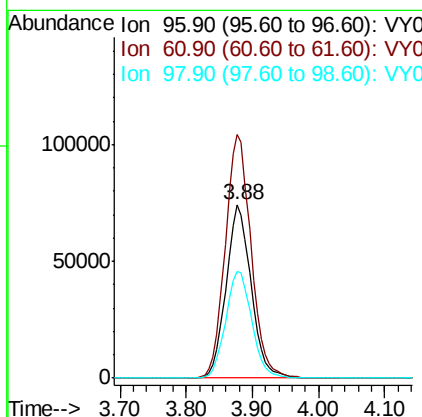
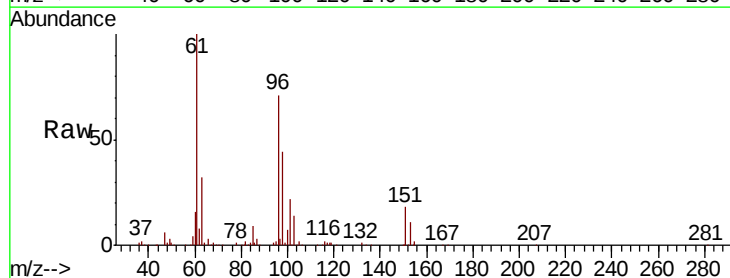
Tot Ion: 59 Resp: 77971
Ion Ratio Lower Upper
59 100
57 9.9 7.7 11.5

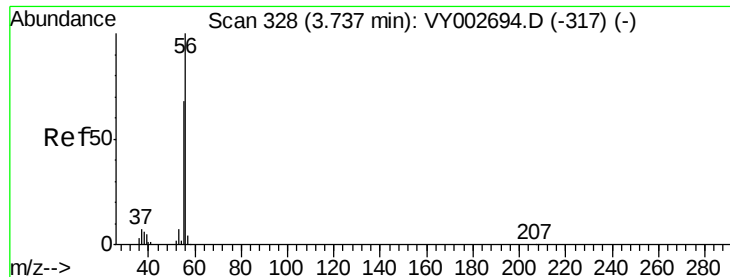


#12

1,1-Dichloroethene
Concen: 51.481 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion: 96 Resp: 194707
Ion Ratio Lower Upper
96 100
61 140.0 113.8 170.8
98 61.6 50.4 75.6





#13

Acrolein

Concen: 276.706 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :

MSVOA_Y

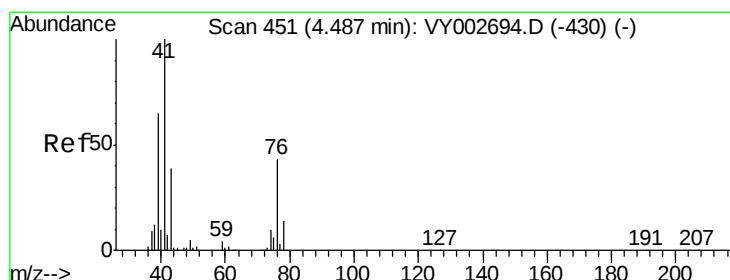
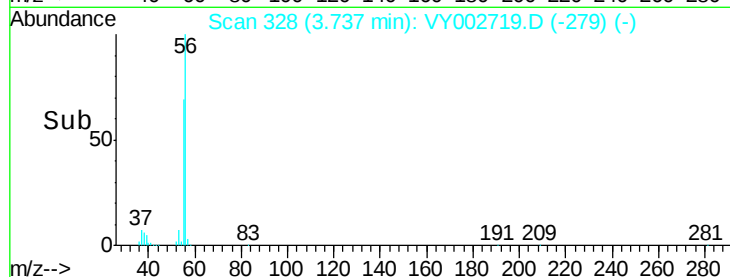
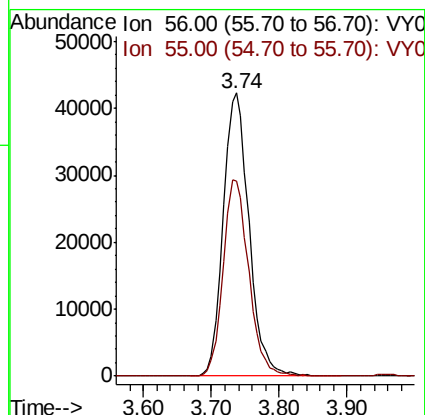
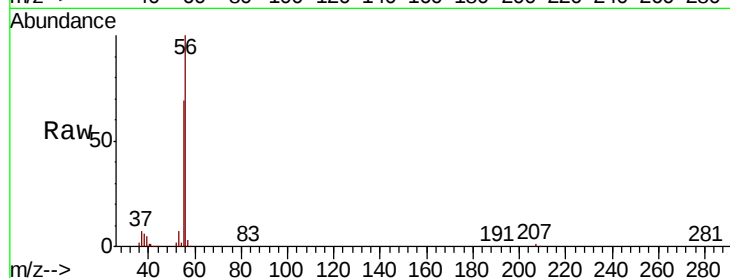
ClientSampleId :

Tot Ion: 56 Resp: 111165

Ion Ratio Lower Upper

56 100

55 69.0 54.8 82.2



#14

Allyl chloride

Concen: 52.558 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

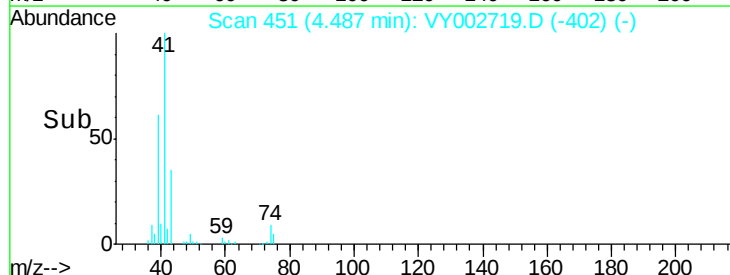
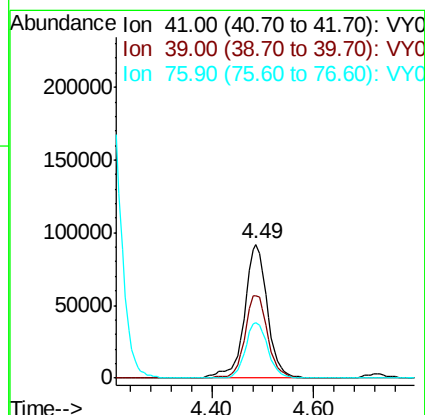
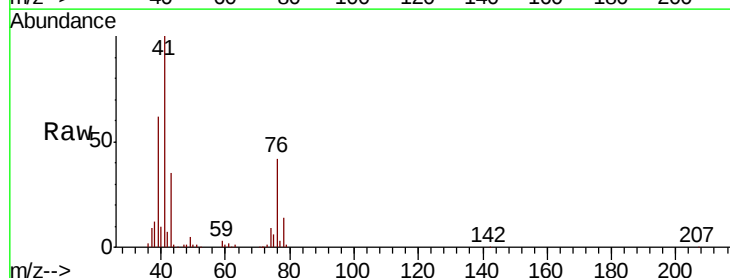
Tgt Ion: 41 Resp: 285376

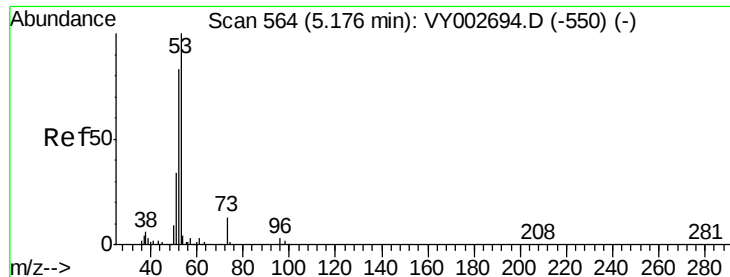
Ion Ratio Lower Upper

41 100

39 61.8 50.3 75.5

76 40.5 33.2 49.8





#15

Acrylonitrile

Concen: 246.825 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

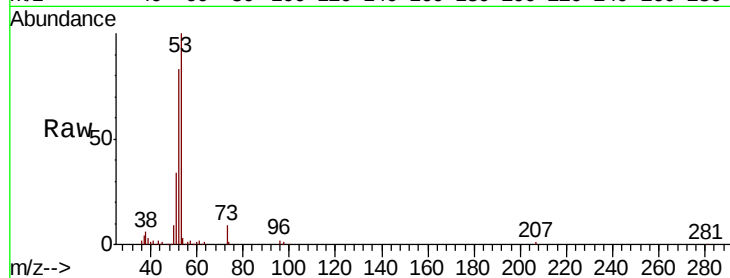
Tot Ion: 53 Resp: 236246

Ion Ratio Lower Upper

53 100

52 81.5 65.0 97.6

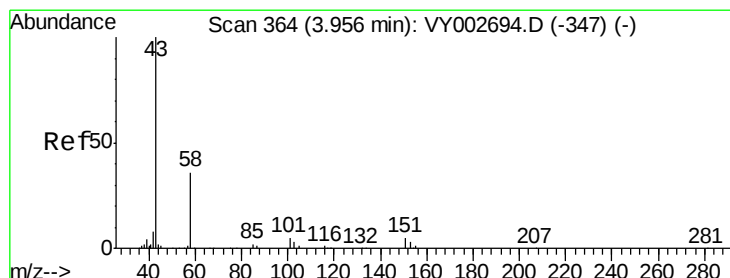
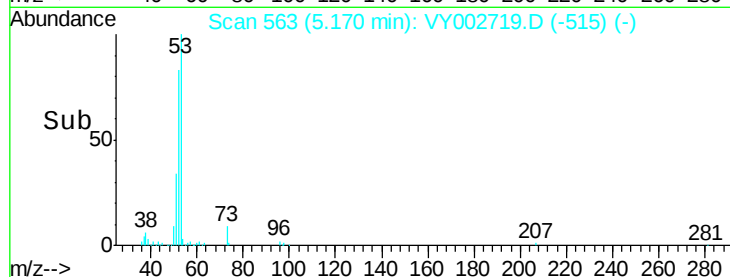
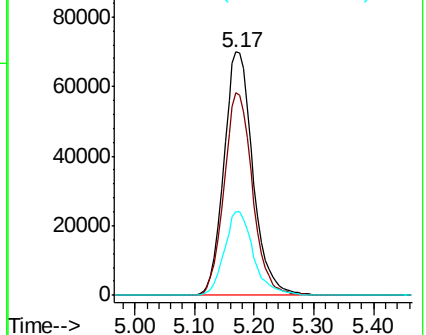
51 34.5 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY002719.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY002719.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY002719.D (-515) (-)



#16

Acetone

Concen: 223.127 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002719.D

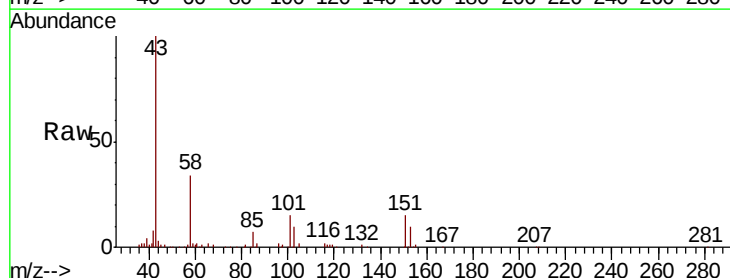
Acq: 20 May 2020 10:07

Tgt Ion: 43 Resp: 155135

Ion Ratio Lower Upper

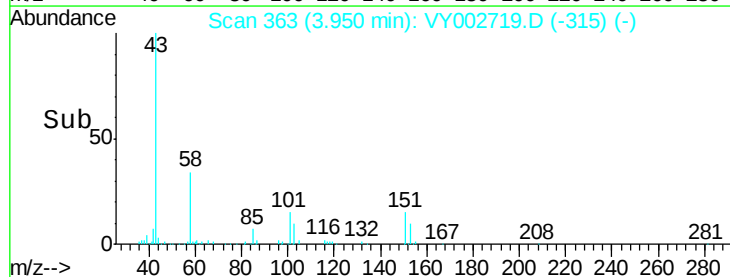
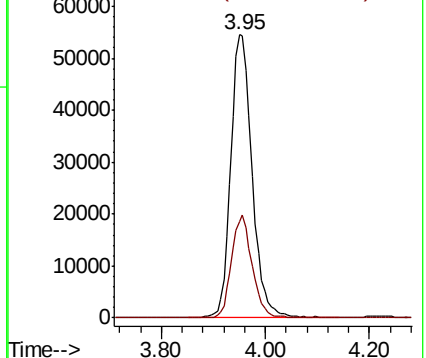
43 100

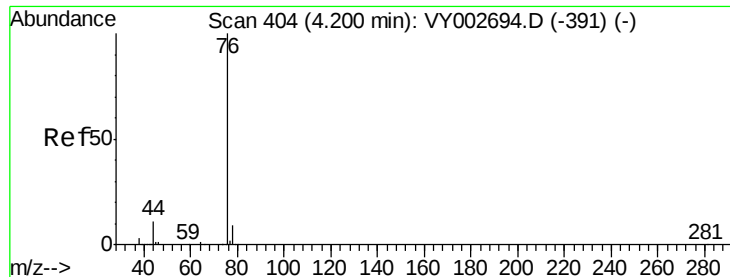
58 34.3 28.6 43.0



Abundance Ion 43.00 (42.70 to 43.70): VY002719.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002719.D (-315) (-)

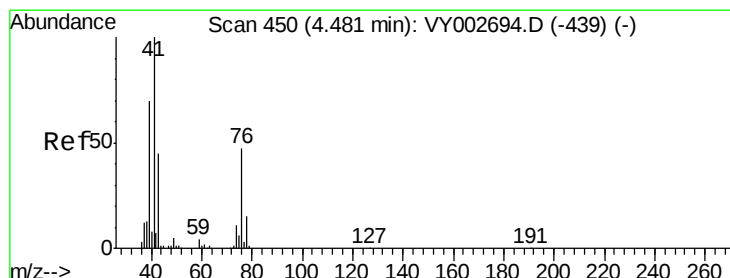
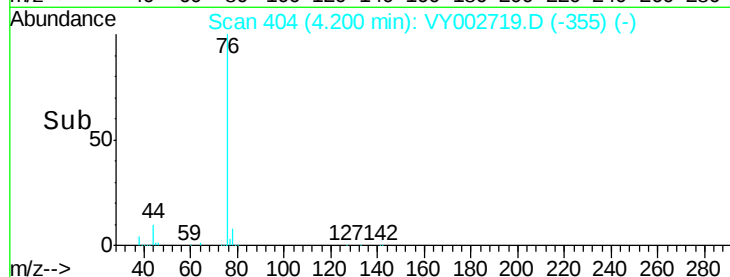
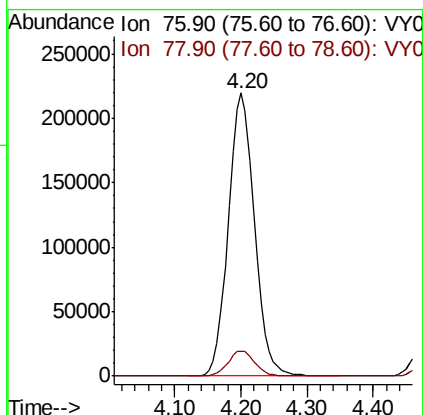
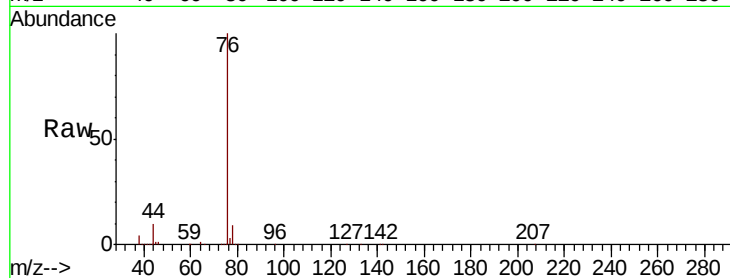




#17
Carbon Disulfide
Concen: 50.704 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

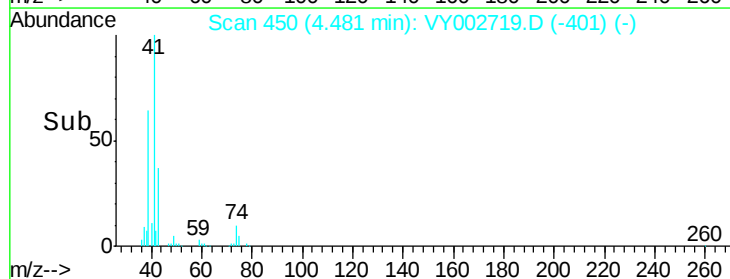
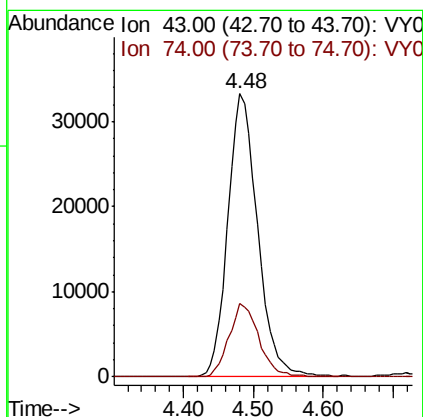
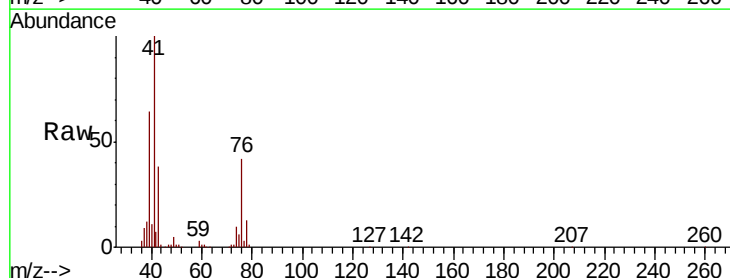
Instrument :
MSVOA_Y
ClientSampleId :

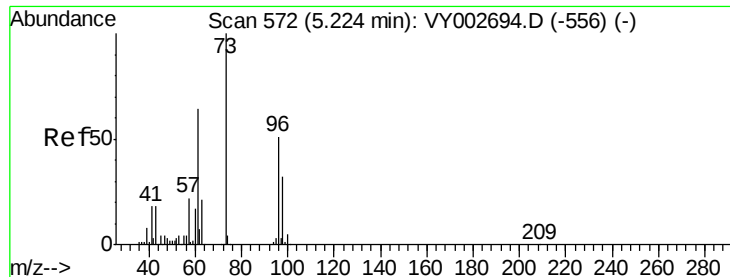
Tot Ion: 76 Resp: 601520
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 49.731 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion: 43 Resp: 98586
Ion Ratio Lower Upper
43 100
74 26.0 21.1 31.7



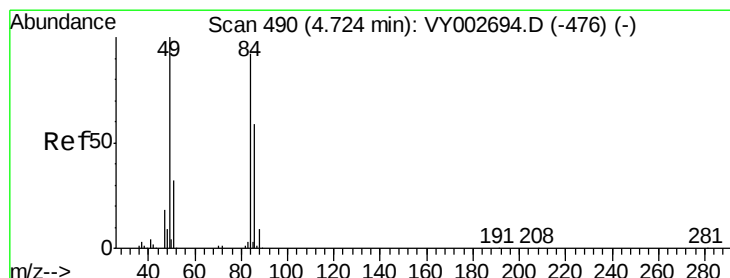
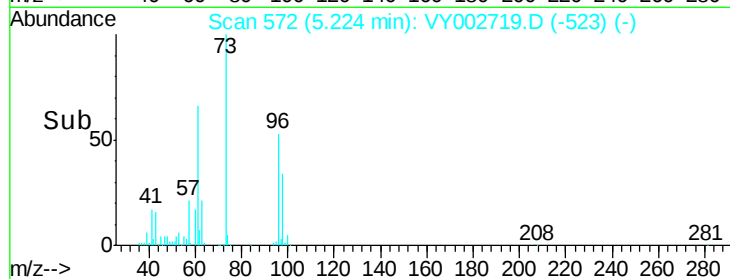
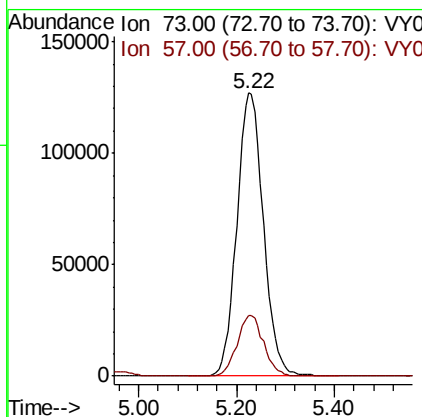
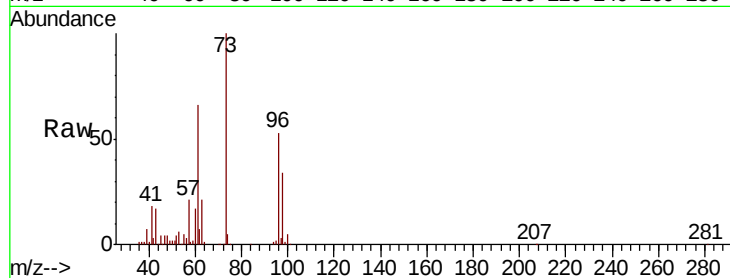


#19

Methyl tert-butyl Ether
 Concen: 50.867 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

Instrument :
 MSVOA_Y
 ClientSampled :

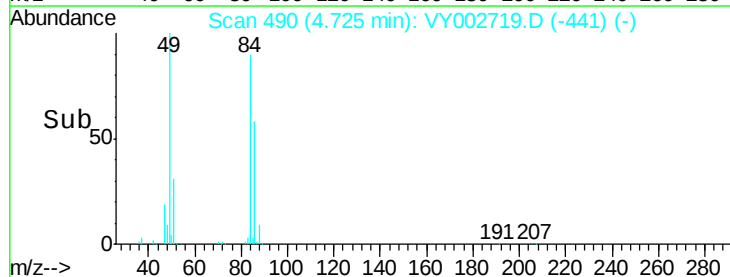
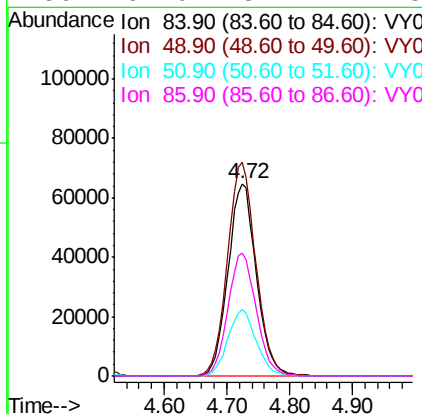
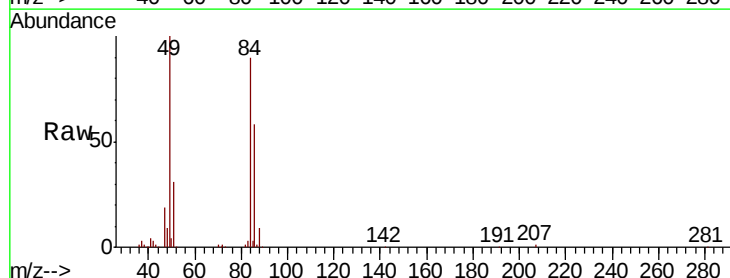
Tot Ion: 73 Resp: 477195
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.3 25.9

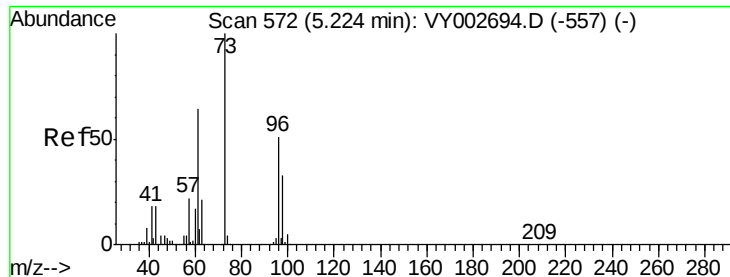


#20

Methylene Chloride
 Concen: 48.094 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

Tgt Ion: 84 Resp: 202129
 Ion Ratio Lower Upper
 84 100
 49 110.9 87.4 131.0
 51 34.6 27.9 41.9
 86 64.0 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 50.629 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampled :

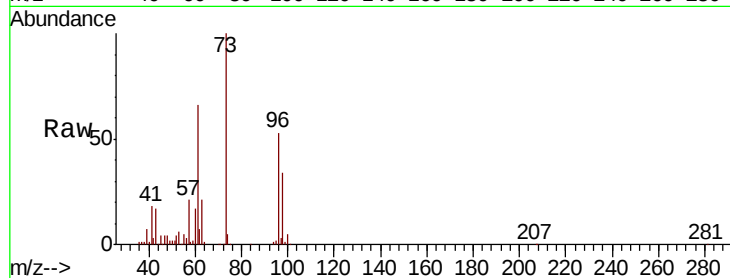
Tot Ion: 96 Resp: 212924

Ion Ratio Lower Upper

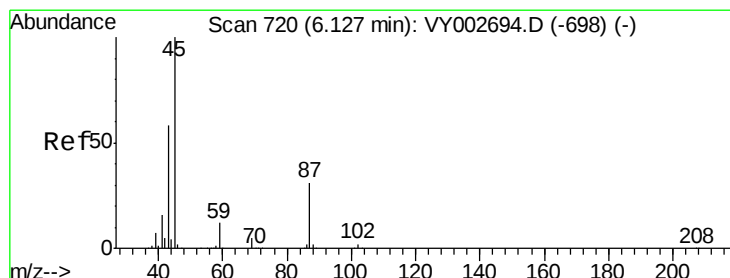
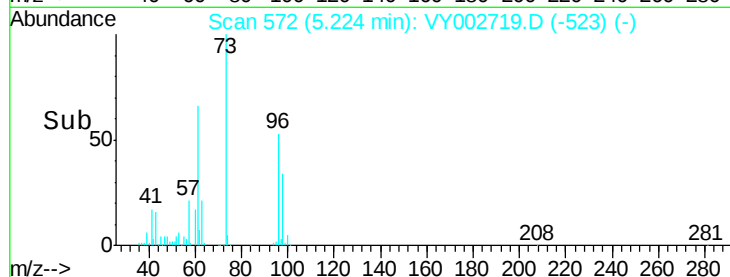
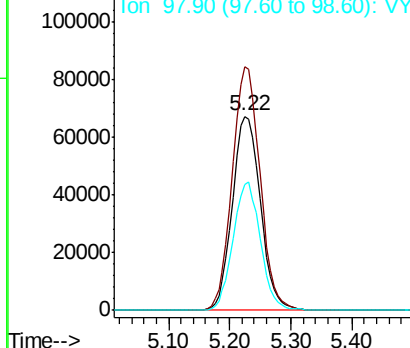
96 100

61 125.7 99.6 149.4

98 64.8 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: 52.096 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Tgt Ion: 45 Resp: 561202

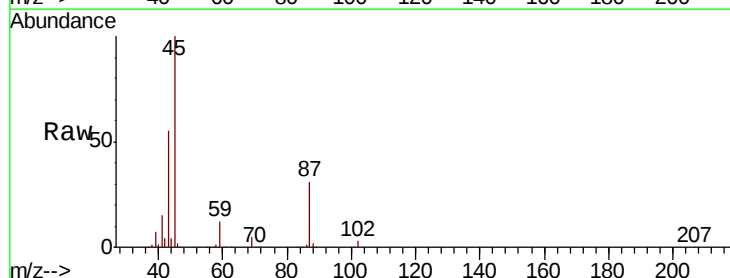
Ion Ratio Lower Upper

45 100

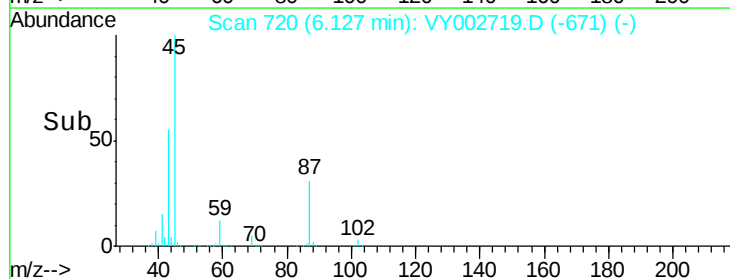
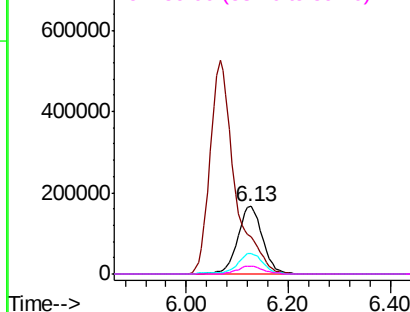
43 54.5 46.1 69.1

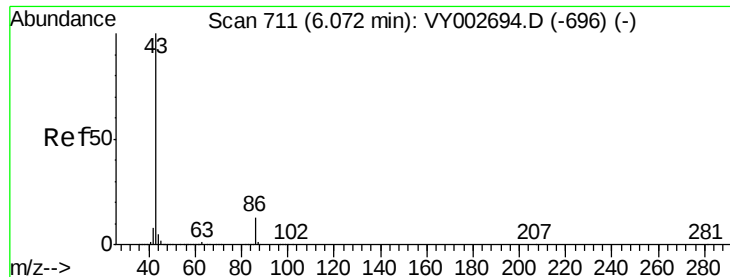
87 31.3 24.9 37.3

59 11.9 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

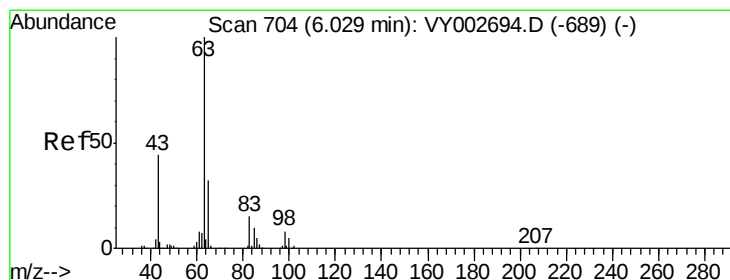
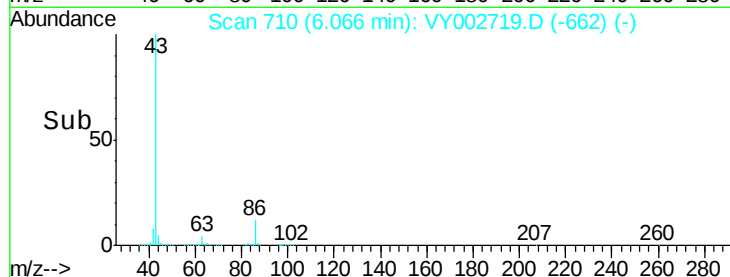
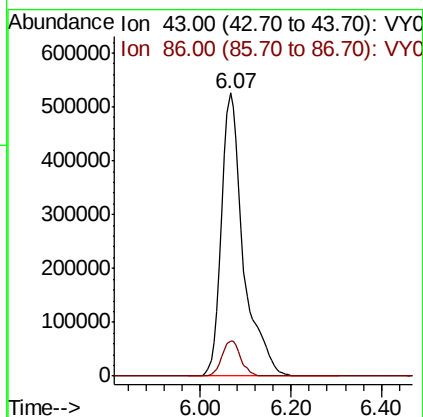
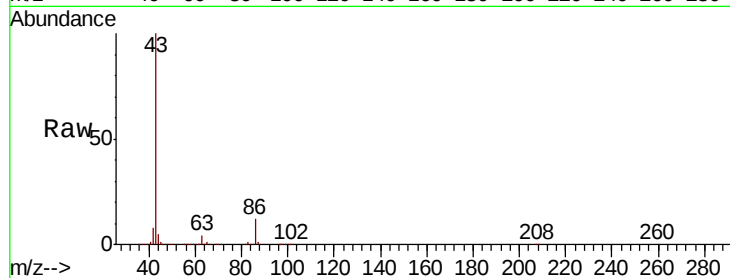




#23
 Vinyl Acetate
 Concen: 255.479 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

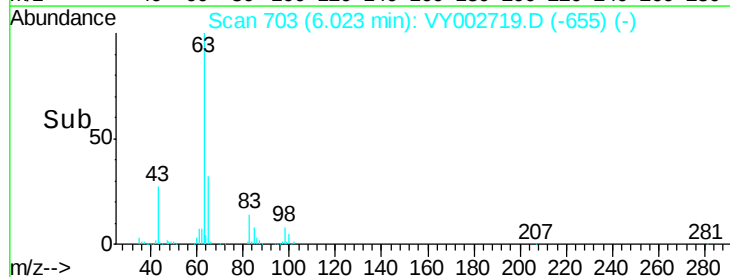
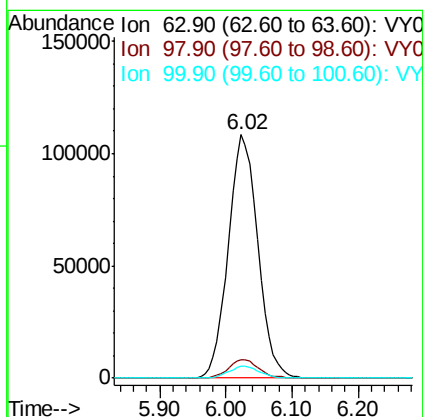
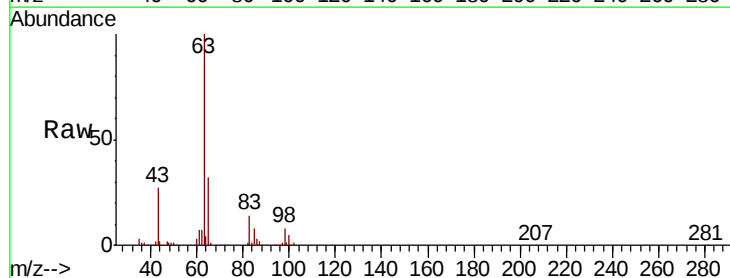
Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 43 Resp: 1762265
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.1 15.1



#24
 1,1-Dichloroethane
 Concen: 52.225 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

Tgt Ion: 63 Resp: 336178
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 11.9
 100 5.0 2.5 7.6

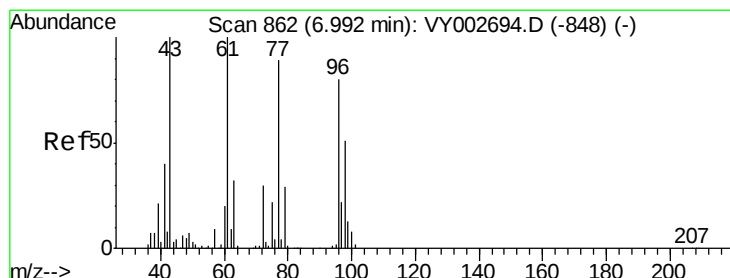
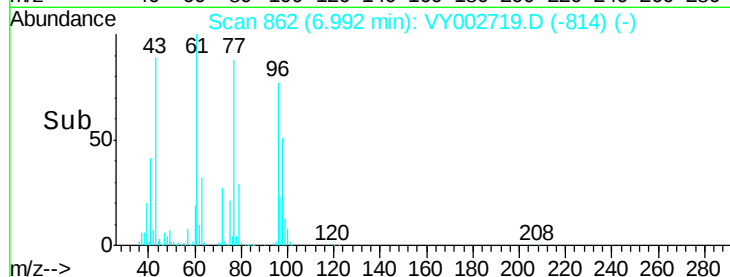
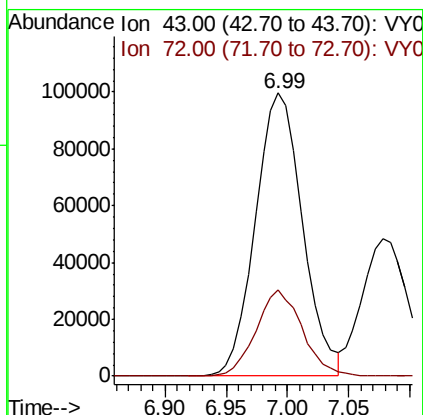
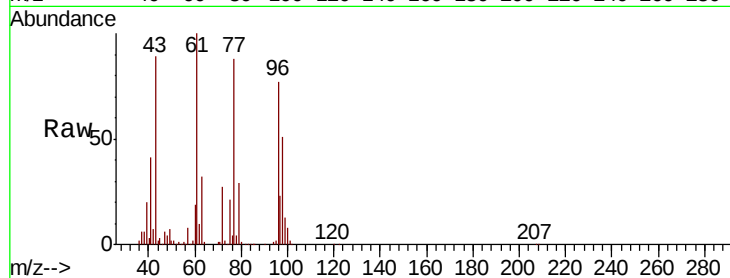




#25
2-Butanone
Concen: 232.670 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

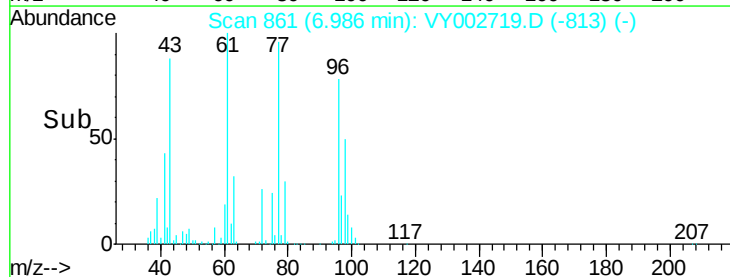
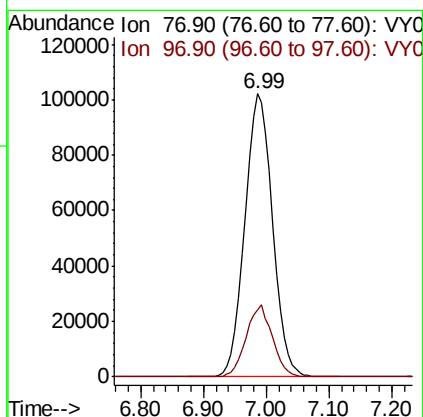
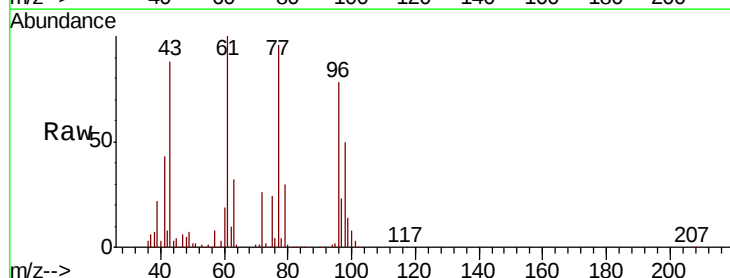
Instrument :
MSVOA_Y
ClientSampled :

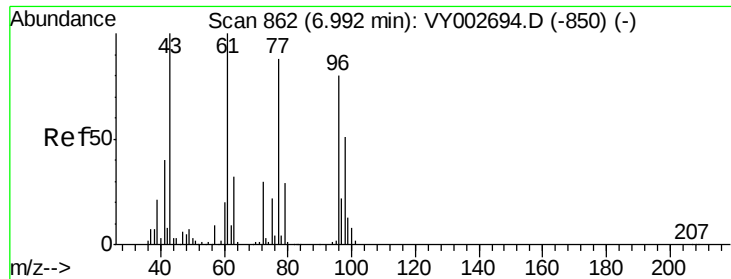
Tot Ion: 43 Resp: 267656
Ion Ratio Lower Upper
43 100
72 30.4 24.1 36.1



#26
2,2-Dichloropropane
Concen: 51.892 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion: 77 Resp: 310799
Ion Ratio Lower Upper
77 100
97 24.2 12.3 36.9



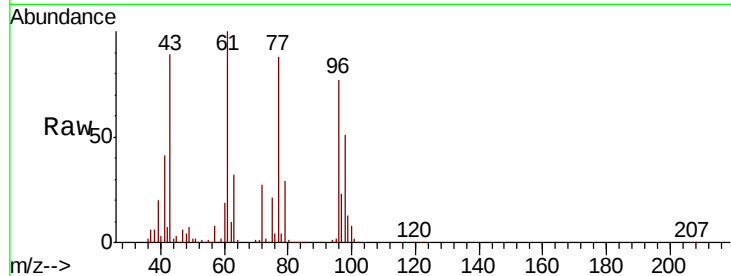


#27

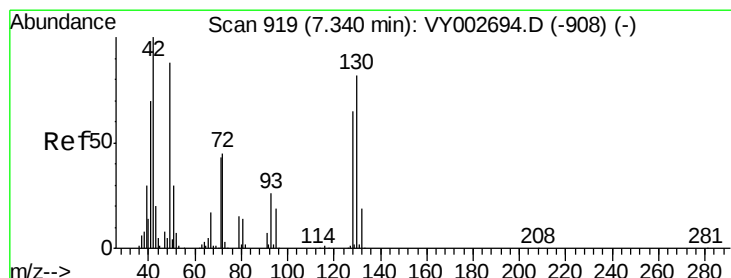
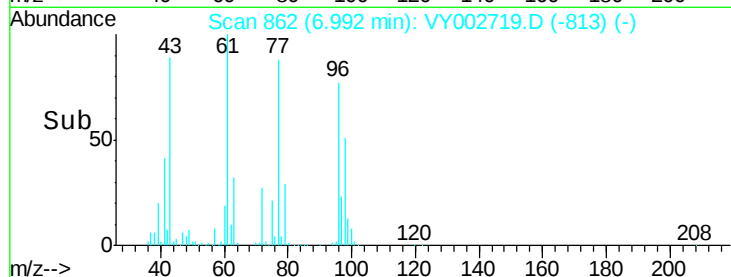
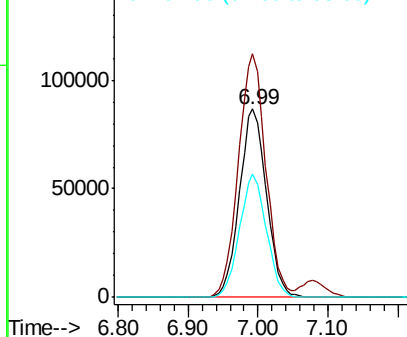
cis-1,2-Dichloroethene
Concen: 51.456 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	96	Resp	233830
Ion Ratio	Lower	Upper	
96	100		
61	130.5	0.0	258.0
98	64.7	0.0	128.4



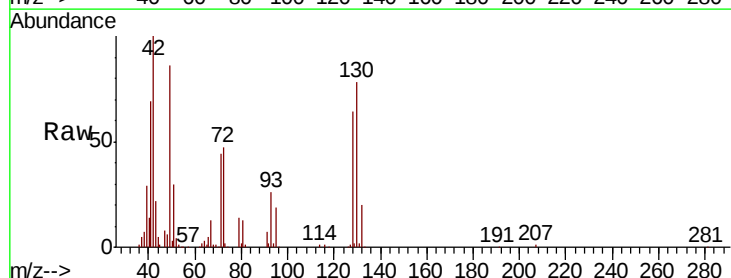
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



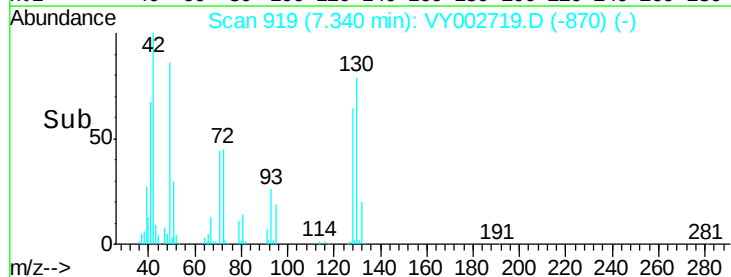
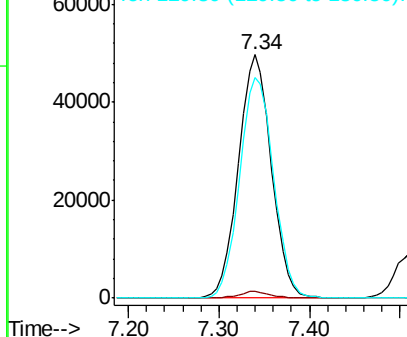
#28

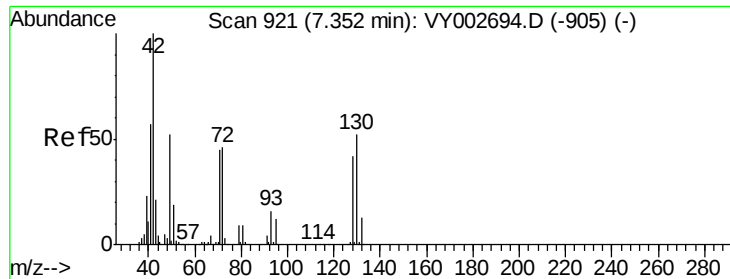
Bromochloromethane
Concen: 49.078 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion	49	Resp	124975
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	4.6
130	93.5	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

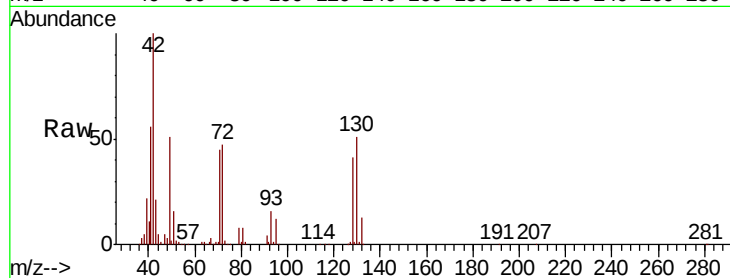




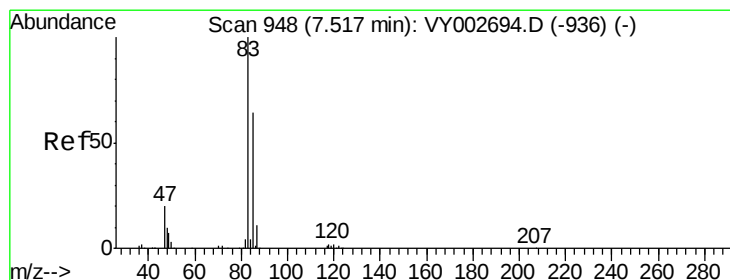
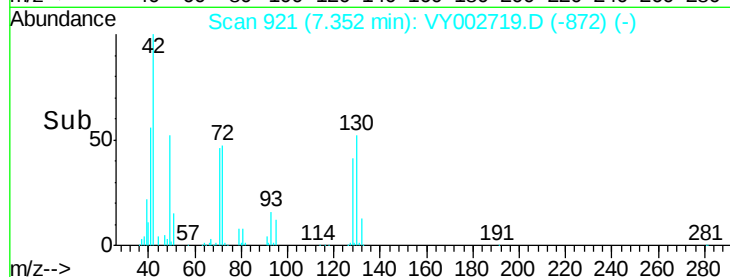
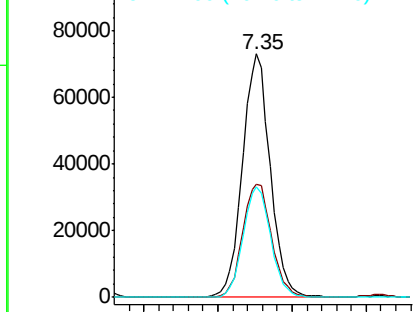
#29
Tetrahydrofuran
Concen: 244.140 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 191088
Ion Ratio Lower Upper
42 100
72 48.4 38.2 57.2
71 45.2 35.8 53.8

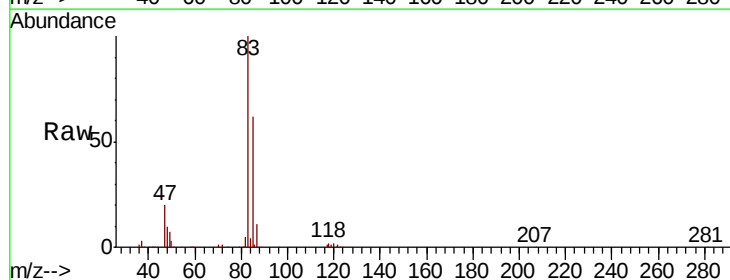


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

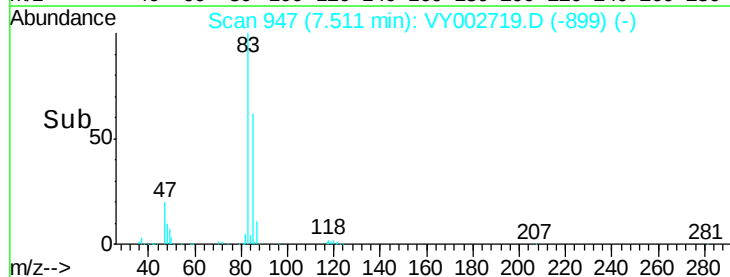
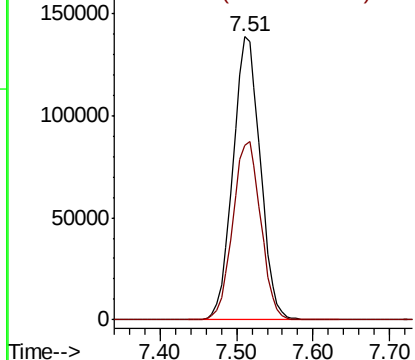


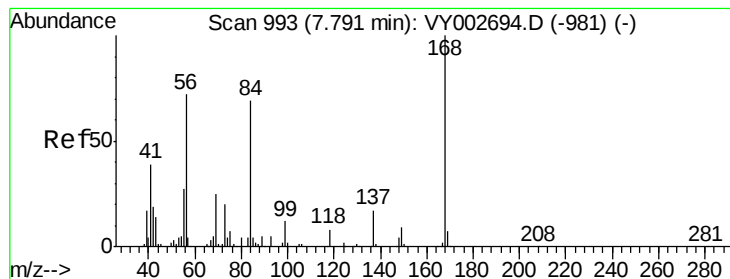
#30
Chloroform
Concen: 51.256 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion: 83 Resp: 342438
Ion Ratio Lower Upper
83 100
85 61.7 51.5 77.3



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





#31

Cyclohexane

Concen: 49.773 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampled :

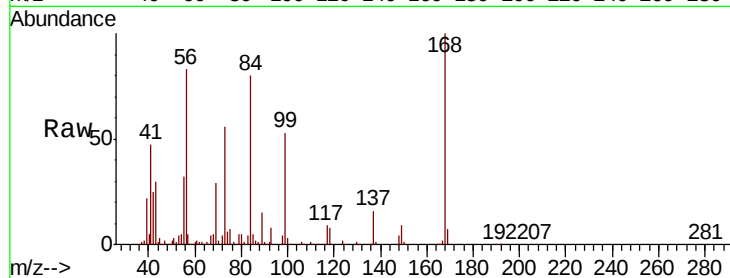
Tot Ion: 56 Resp: 324954

Ion Ratio Lower Upper

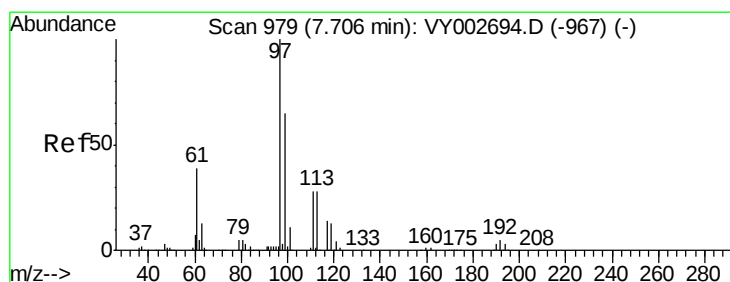
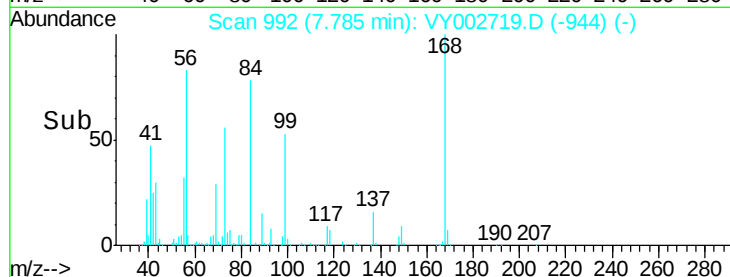
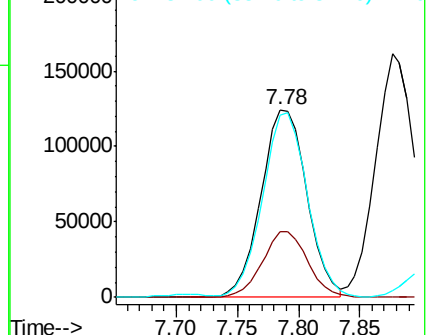
56 100

69 34.8 27.7 41.5

84 95.3 77.0 115.4



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 51.719 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

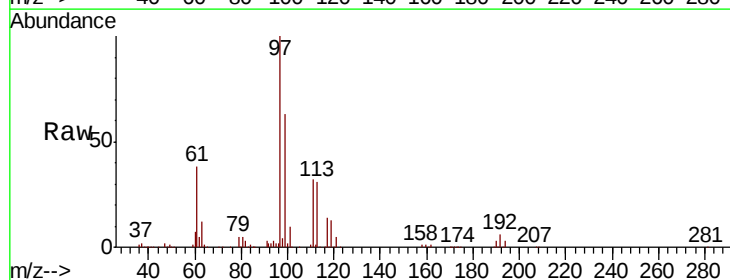
Tgt Ion: 97 Resp: 319271

Ion Ratio Lower Upper

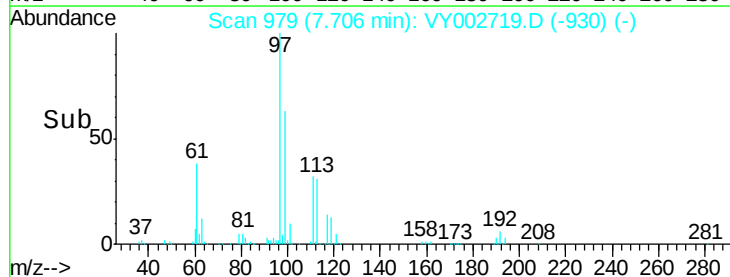
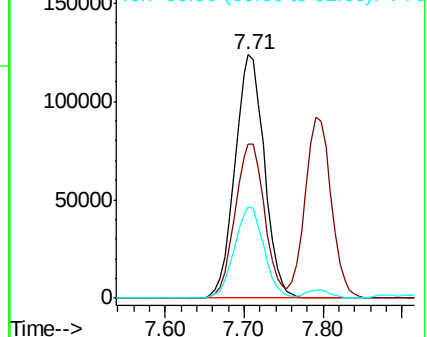
97 100

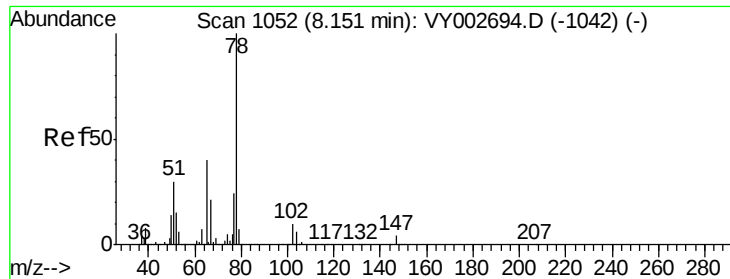
99 64.2 51.6 77.4

61 37.8 30.6 45.8



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

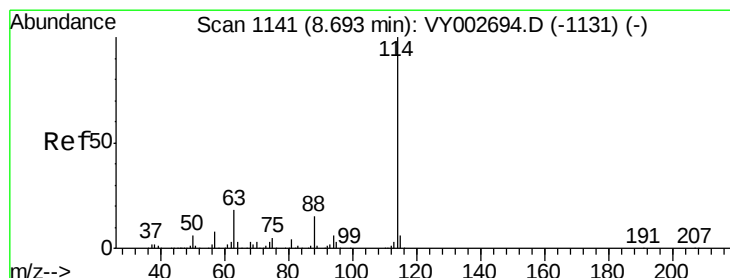
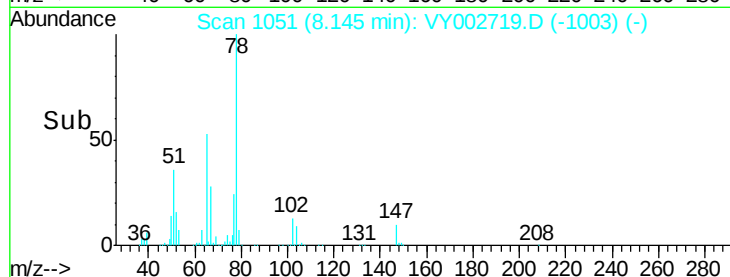
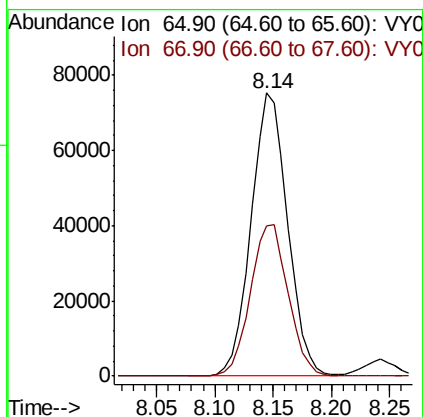
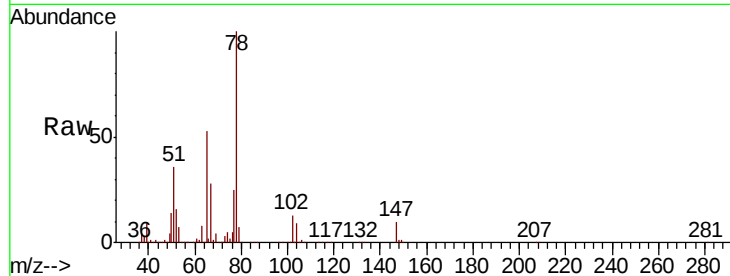




#33
 1,2-Dichloroethane-d4
 Concen: 48.579 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

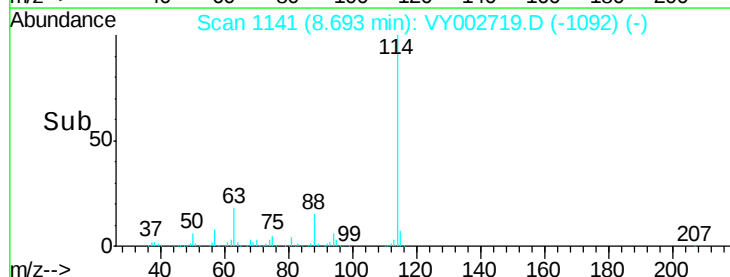
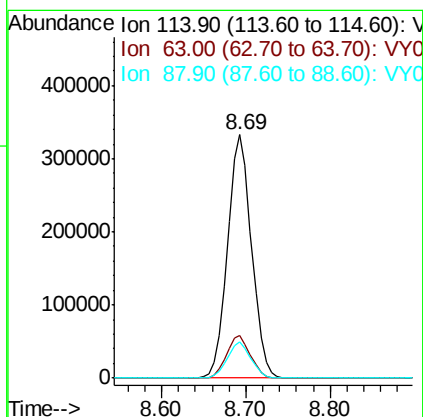
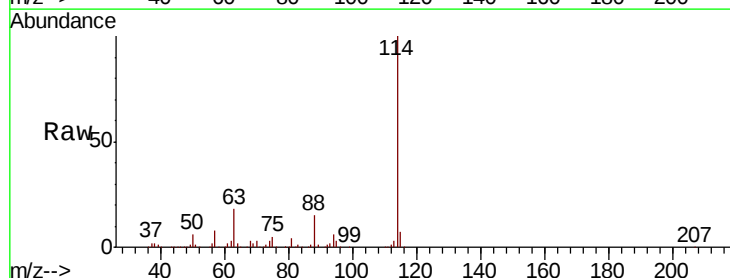
Instrument :
 MSVOA_Y
 ClientSampleId :

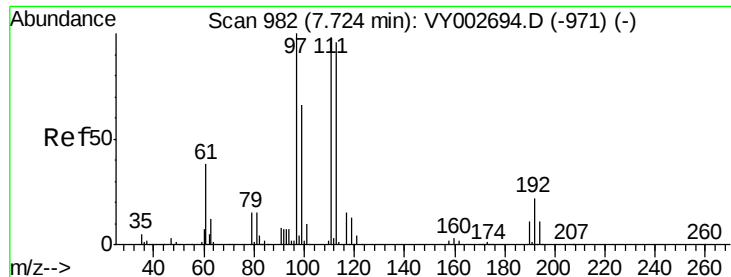
Tot Ion: 65 Resp: 163846
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

Tgt Ion: 114 Resp: 641994
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.4
 88 14.8 0.0 29.4

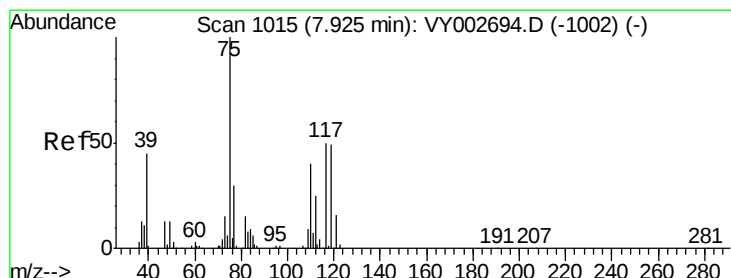
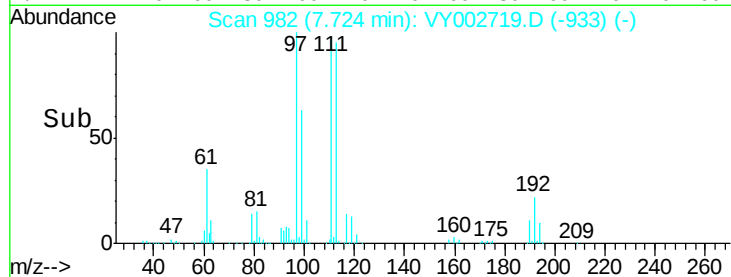
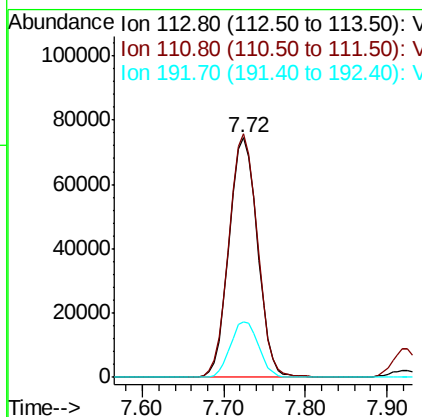
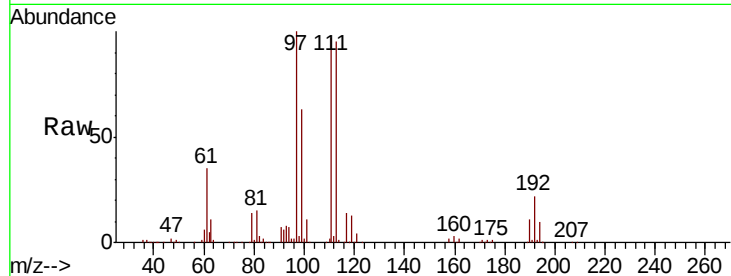




#35
 Dibromofluoromethane
 Concen: 50.558 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

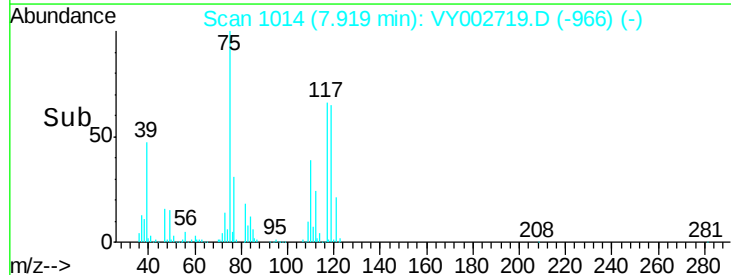
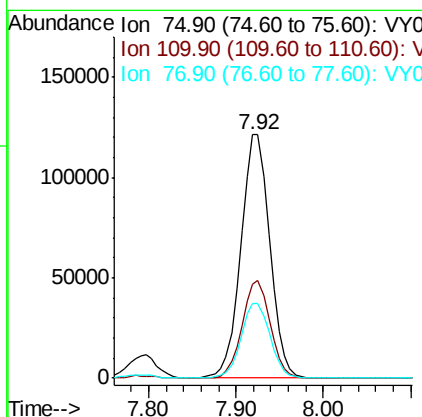
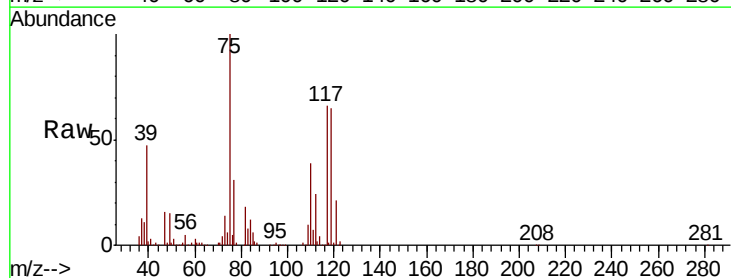
Instrument :
 MSVOA_Y
 ClientSampled :

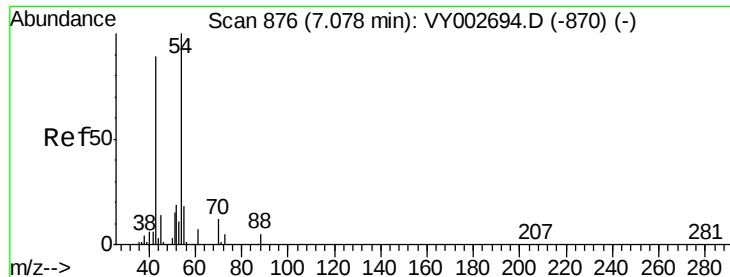
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	23.0	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 51.372 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.0	19.4	58.4
77	30.9	25.0	37.4

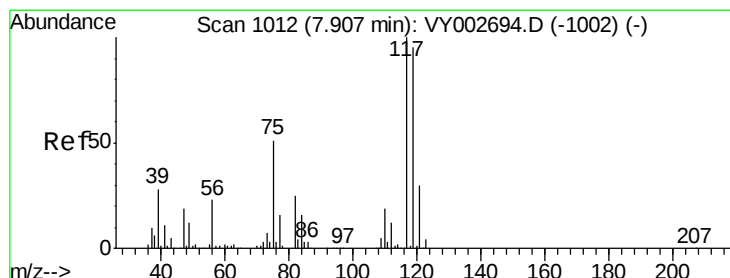
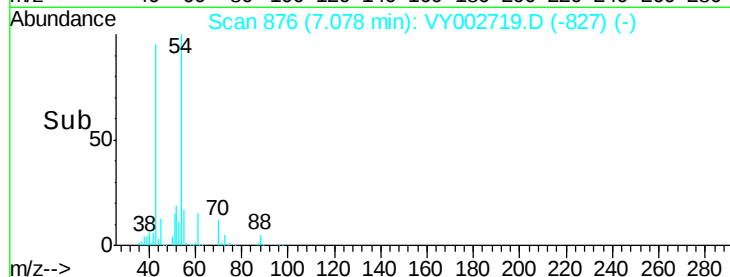
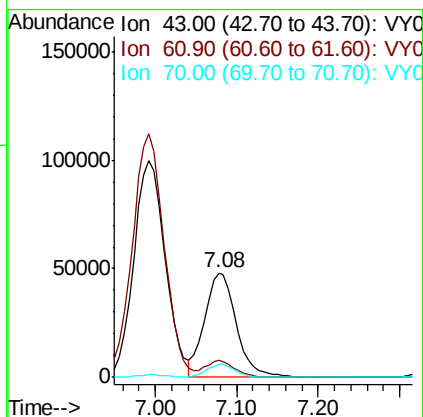
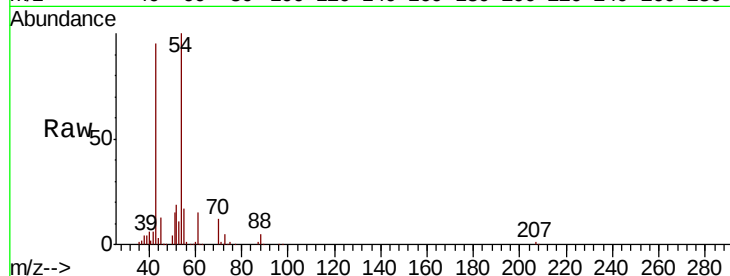




#37
Ethyl Acetate
Concen: 48.807 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

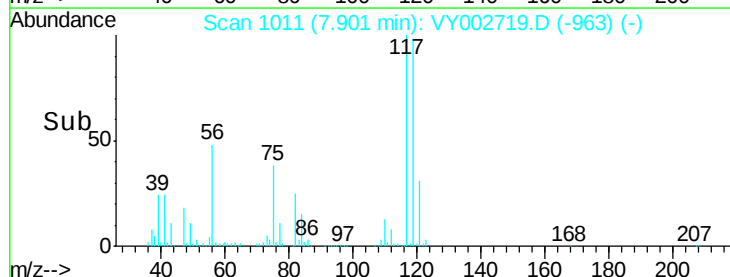
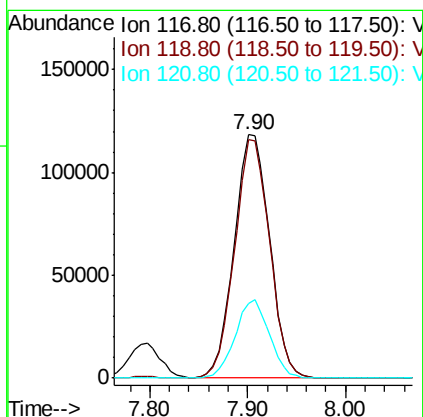
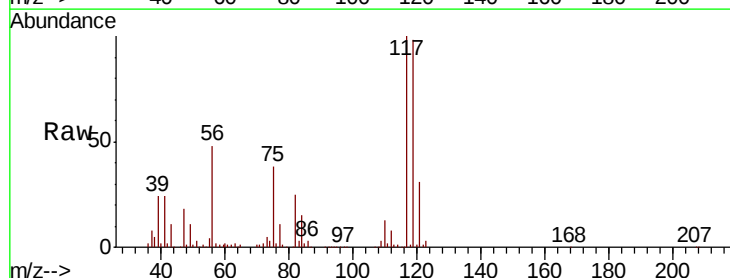
Instrument :
MSVOA_Y
ClientSampled :

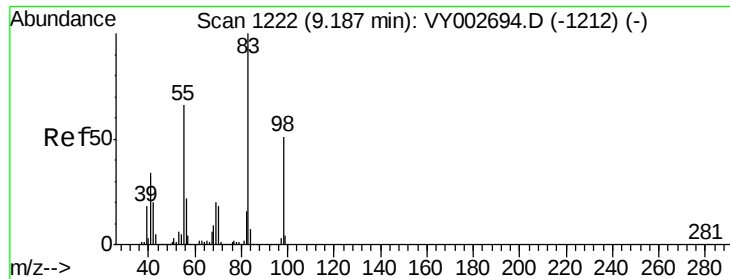
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.8	17.8
70	11.3	9.2	13.8



#38
Carbon Tetrachloride
Concen: 51.042 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.3	114.5
121	30.7	24.2	36.2

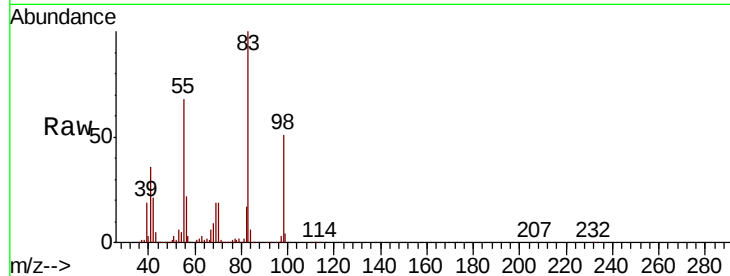




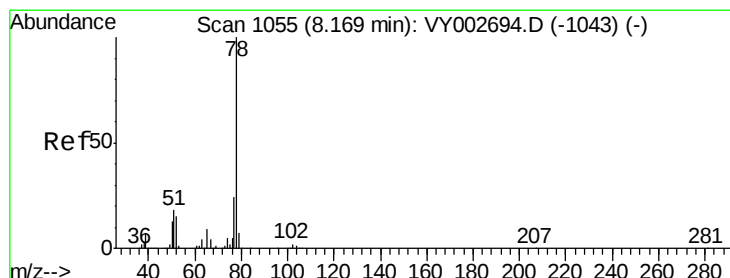
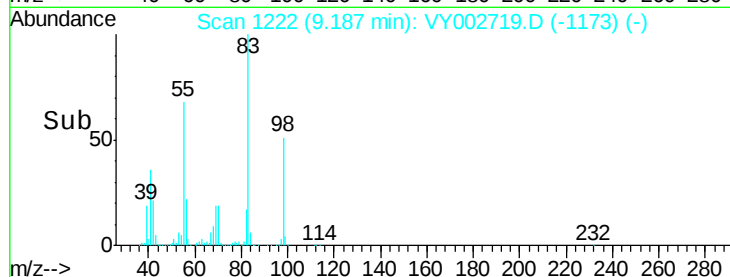
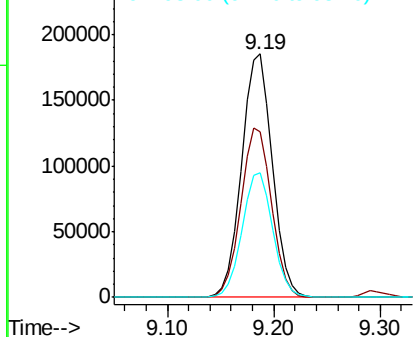
#39
Methvlcvclohexane
Concen: 51.373 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 375416
Ion Ratio Lower Upper
83 100
55 67.7 53.0 79.6
98 50.9 40.8 61.2

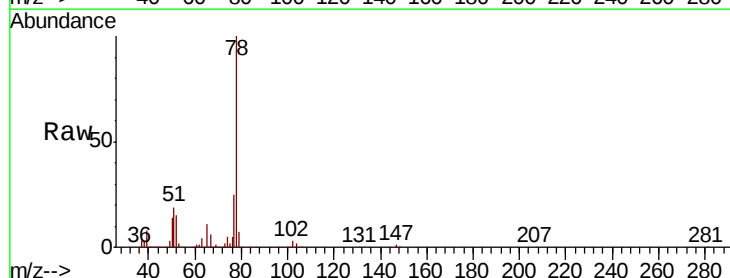


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

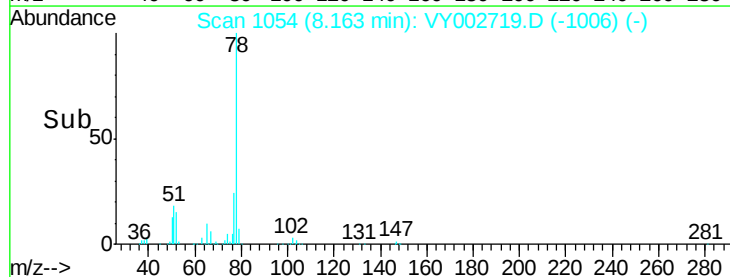
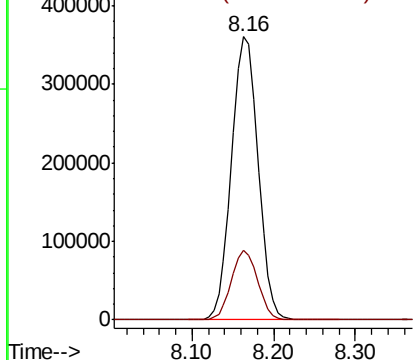


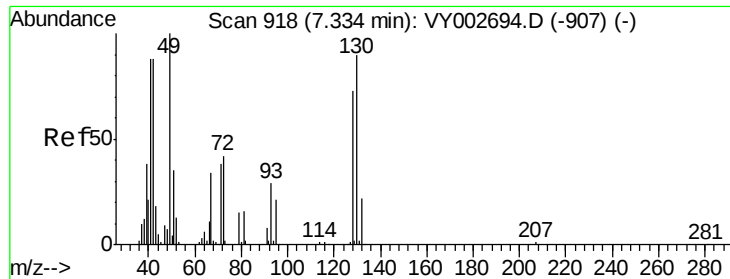
#40
Benzene
Concen: 51.034 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion: 78 Resp: 809274
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8



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

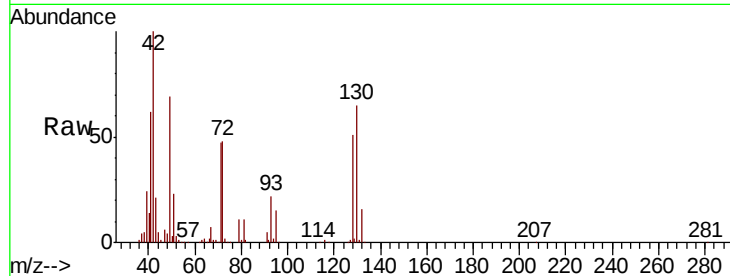




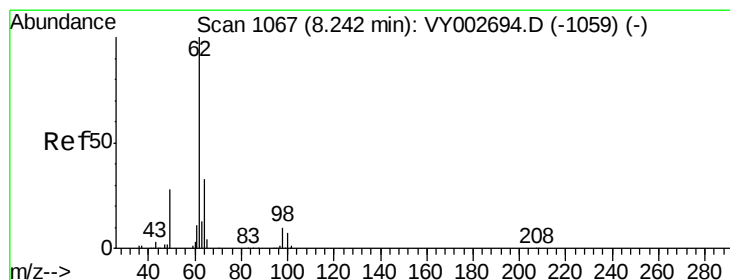
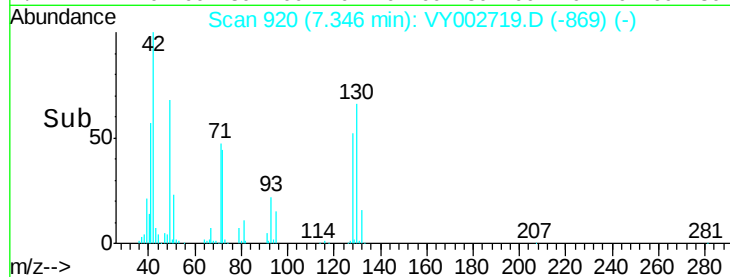
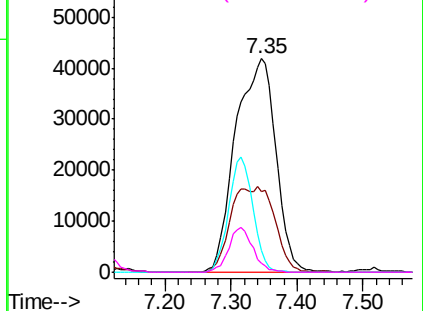
#41
Methacrylonitrile
Concen: 110.051 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	176740
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

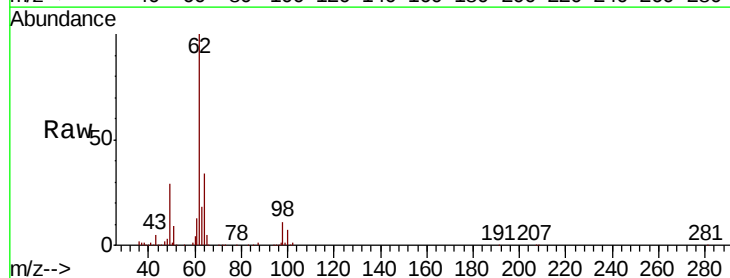


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

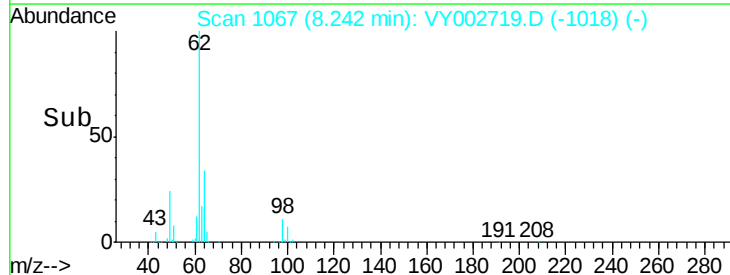
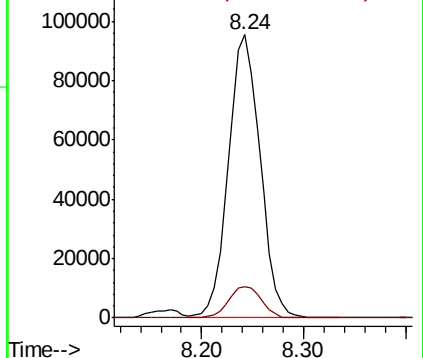


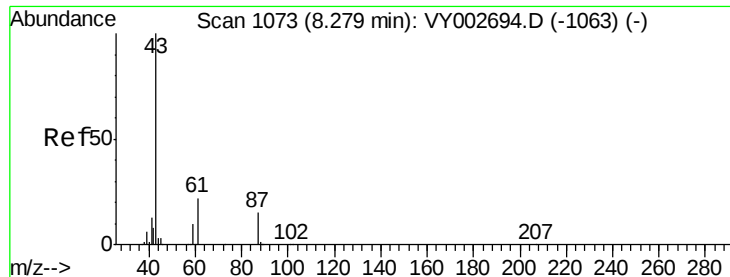
#42
1,2-Dichloroethane
Concen: 49.093 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion:	62	Resp:	205325
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	21.8



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





#43

Isopropyl Acetate

Concen: 50.710 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

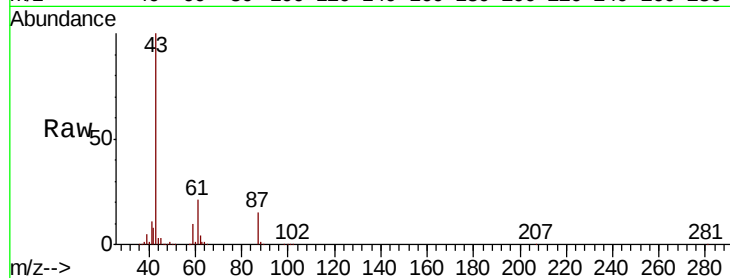
Tot Ion: 43 Resp: 251914

Ion Ratio Lower Upper

43 100

61 31.0 24.9 37.3

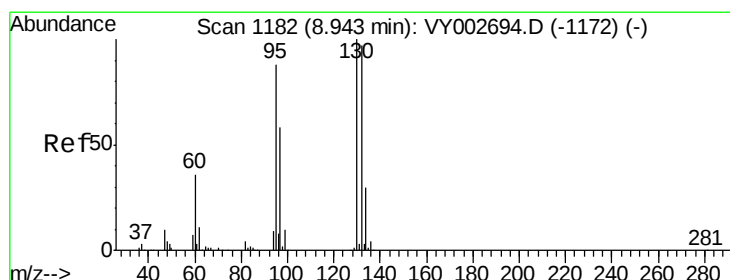
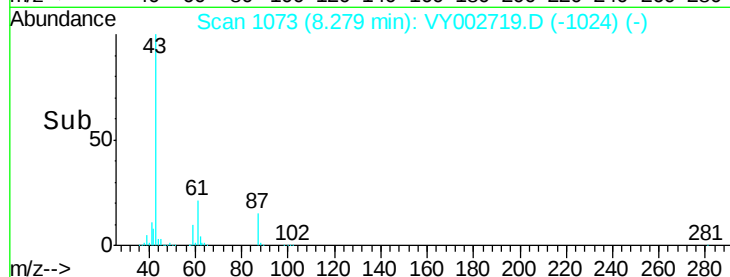
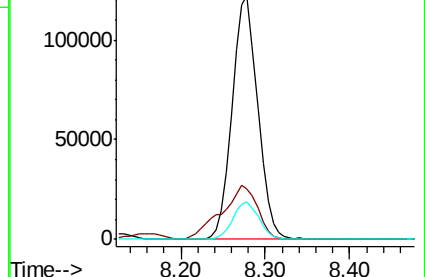
87 15.5 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY002719.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY002719.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY002719.D (-1063) (-)



#44

Trichloroethene

Concen: 51.003 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002719.D

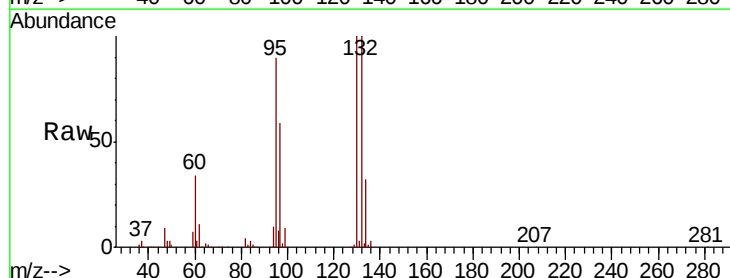
Acq: 20 May 2020 10:07

Tgt Ion: 130 Resp: 257804

Ion Ratio Lower Upper

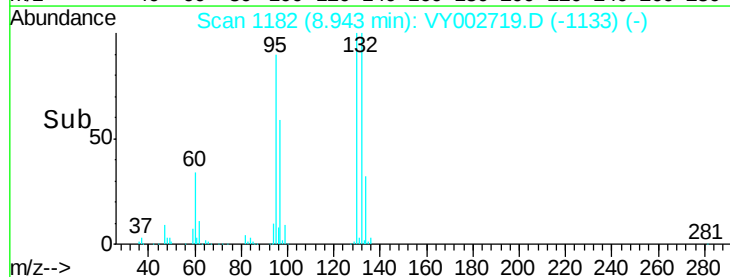
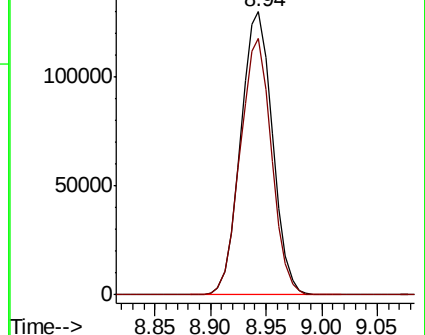
130 100

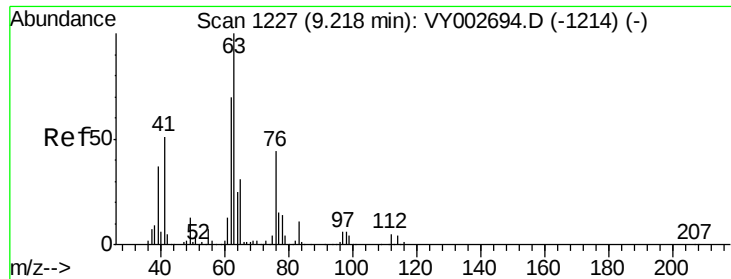
95 90.6 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): VY002719.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002719.D (-1133) (-)

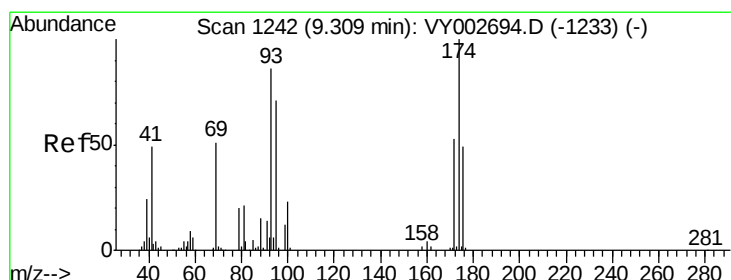
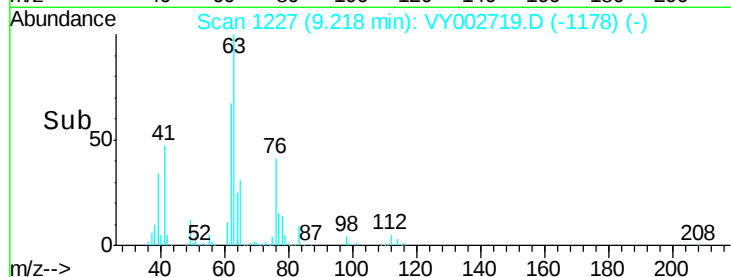
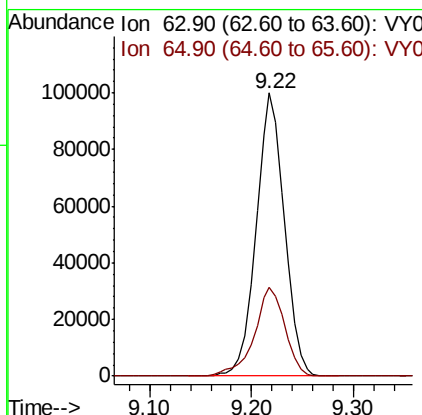
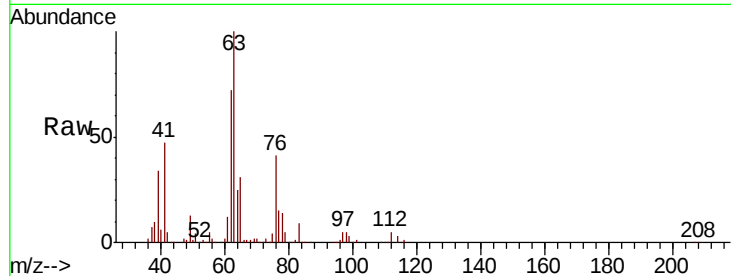




#45
 1,2-Dichloropropane
 Concen: 51.085 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

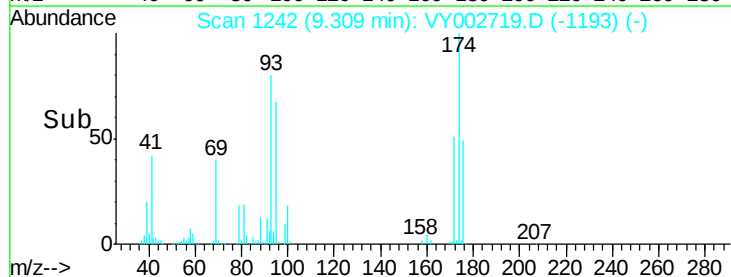
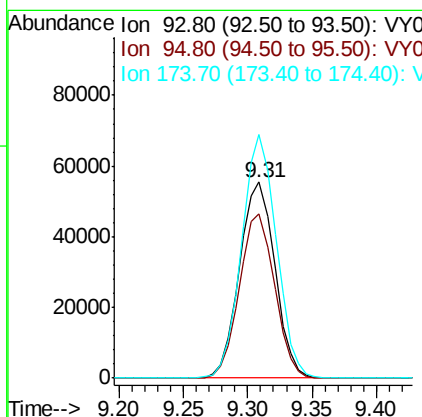
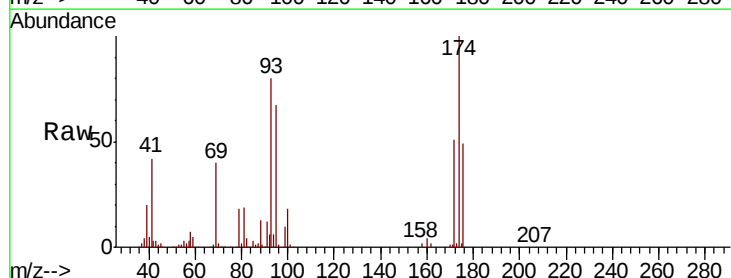
Instrument :
 MSVOA_Y
 ClientSampled :

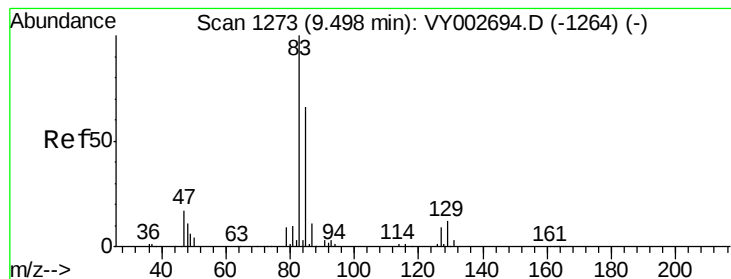
Tot Ion: 63 Resp: 192262
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1



#46
 Dibromomethane
 Concen: 49.967 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

Tgt Ion: 93 Resp: 105654
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.5 99.7
 174 121.2 95.6 143.4





#47

Bromodichloromethane

Concen: 50.950 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

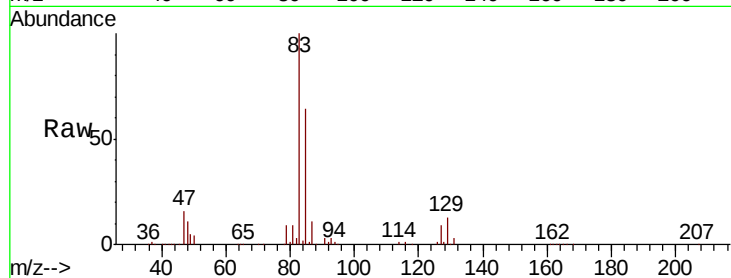
Tot Ion: 83 Resp: 262928

Ion Ratio Lower Upper

83 100

85 63.7 52.4 78.6

127 9.1 7.6 11.4



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

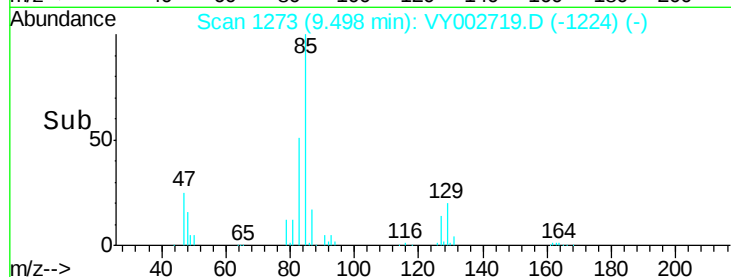
150000

100000

50000

0

Time-->



200000

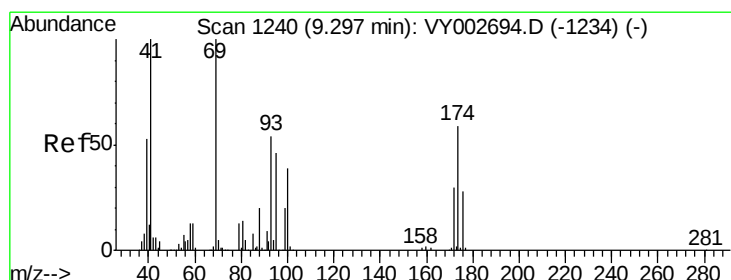
150000

100000

50000

0

Time-->



#48

Methyl methacrylate

Concen: 49.484 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

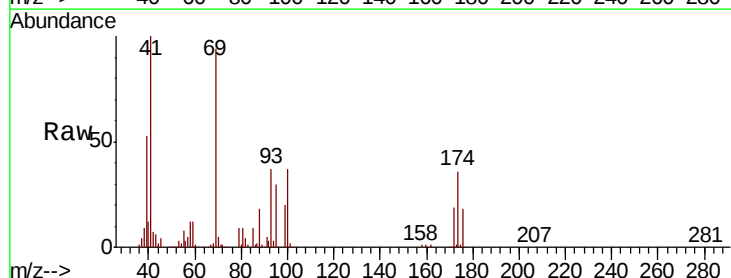
Tgt Ion: 41 Resp: 113186

Ion Ratio Lower Upper

41 100

69 97.9 78.7 118.1

39 51.0 42.9 64.3



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

80000

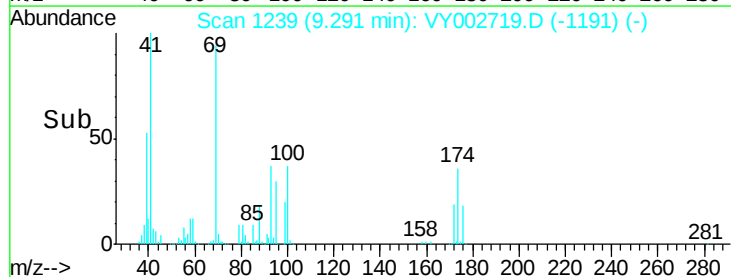
60000

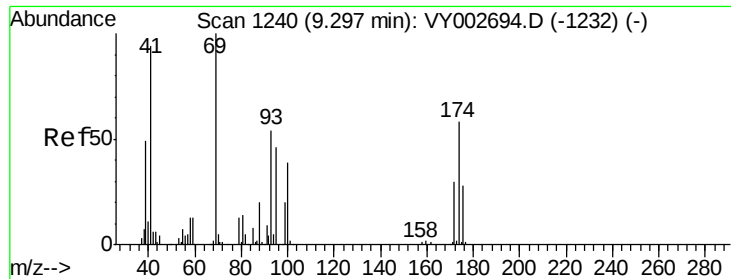
40000

20000

0

Time-->





#49

1,4-Dioxane

Concen: 975.157 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :

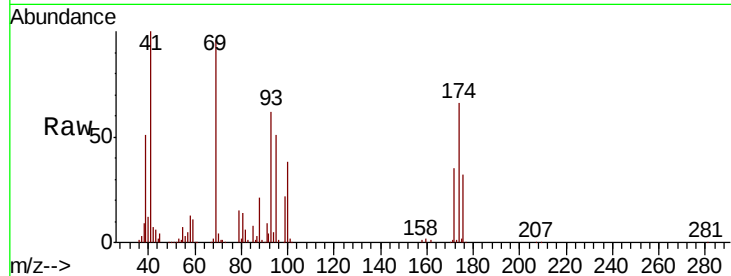
Tot Ion: 88 Resp: 28083

Ion Ratio Lower Upper

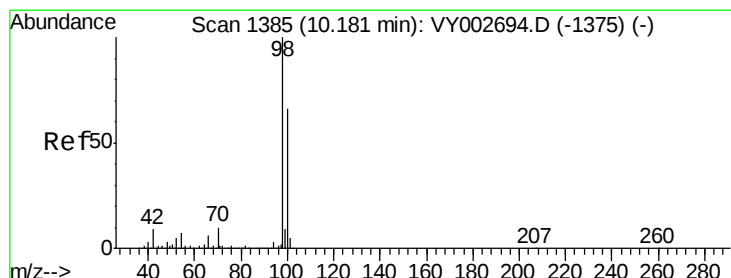
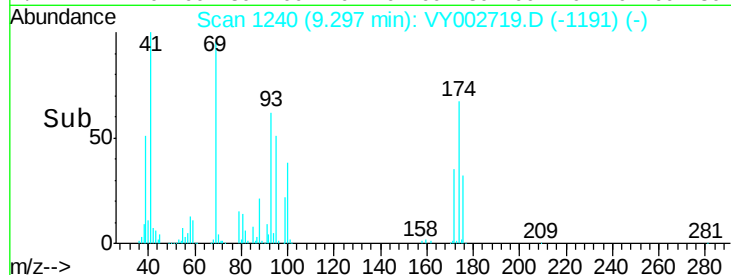
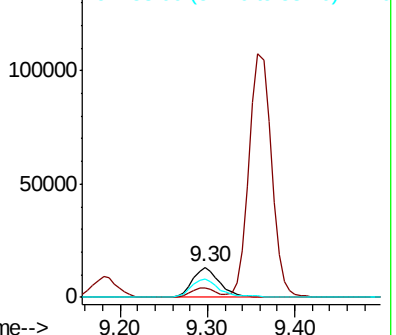
88 100

43 28.9 23.4 35.0

58 62.3 54.5 81.7



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



#50

Toluene-d8

Concen: 49.657 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002719.D

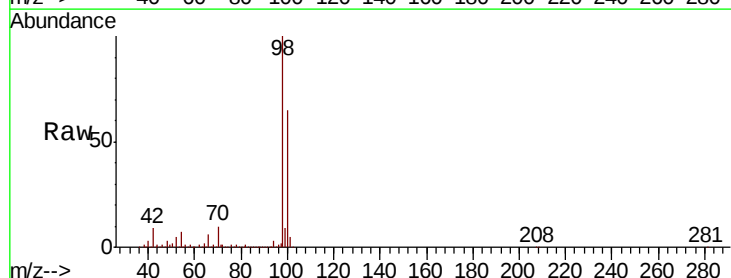
Acq: 20 May 2020 10:07

Tgt Ion: 98 Resp: 708331

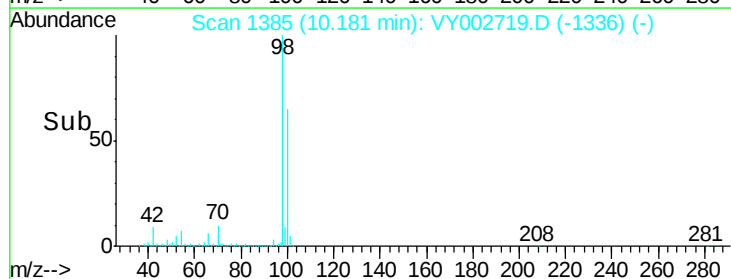
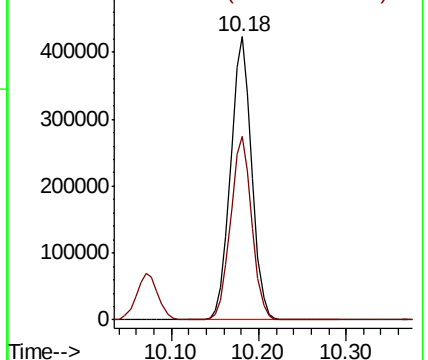
Ion Ratio Lower Upper

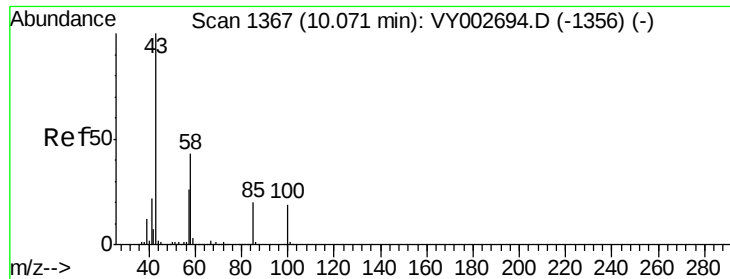
98 100

100 65.3 52.3 78.5



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

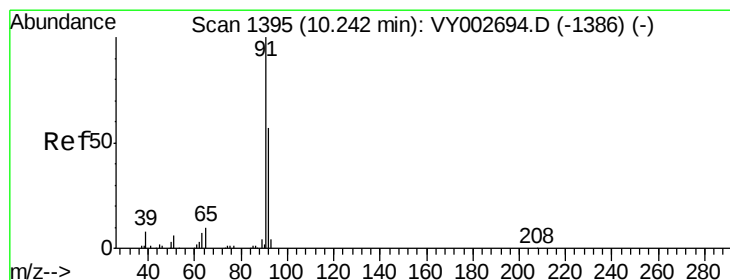
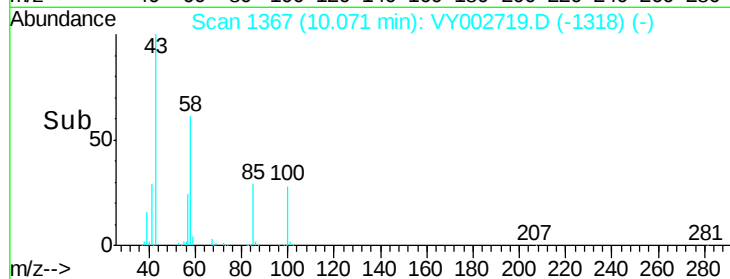
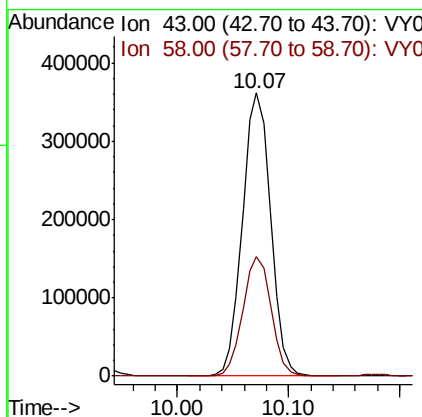
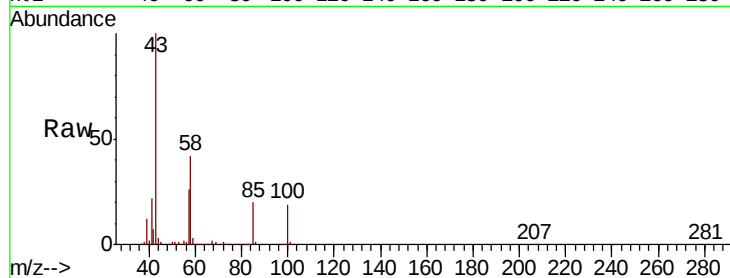




#51
4-Methyl-2-Pentanone
Concen: 248.047 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

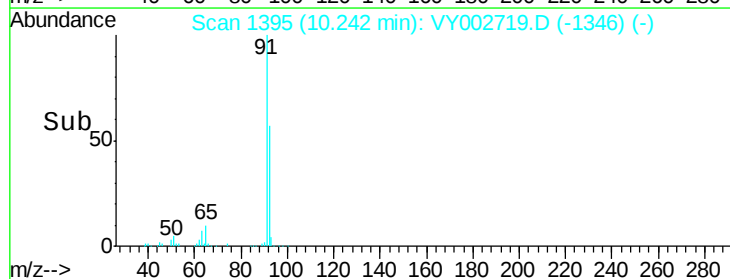
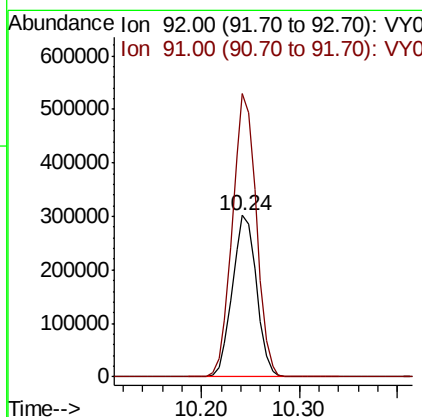
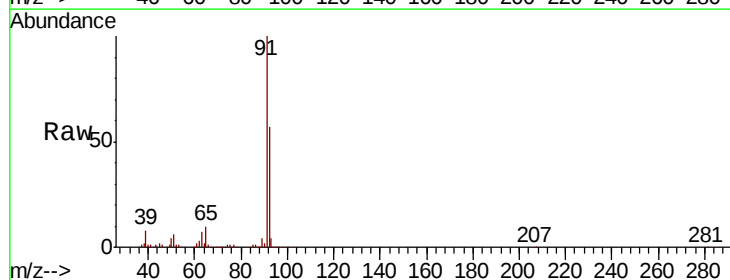
Instrument :
MSVOA_Y
ClientSampled :

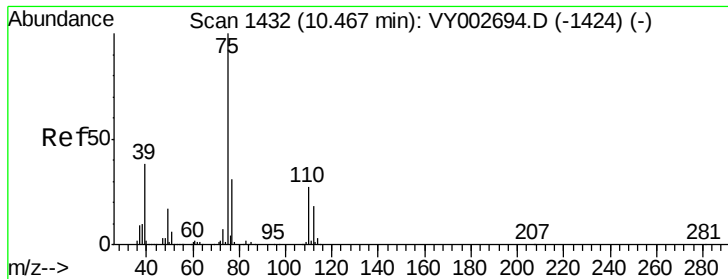
Tot Ion: 43 Resp: 636203
Ion Ratio Lower Upper
43 100
58 42.4 34.1 51.1



#52
Toluene
Concen: 50.430 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion: 92 Resp: 517521
Ion Ratio Lower Upper
92 100
91 173.5 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 50.868 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :

MSVOA_Y

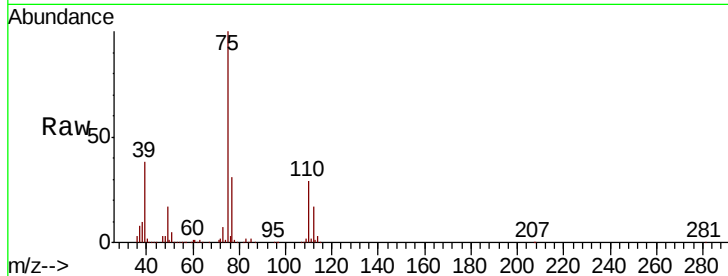
ClientSampleId :

Tot Ion: 75 Resp: 280182

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

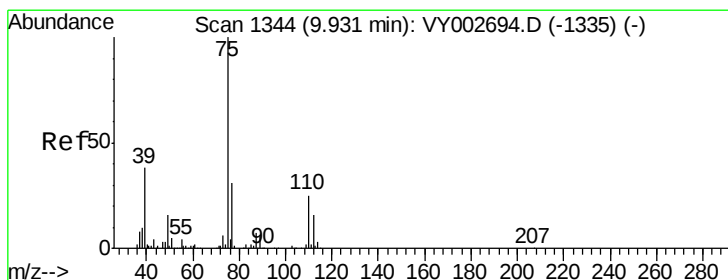
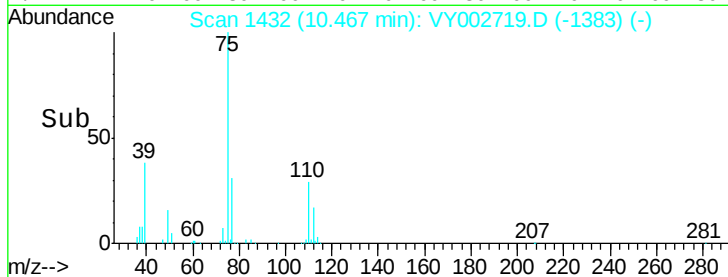
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.879 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

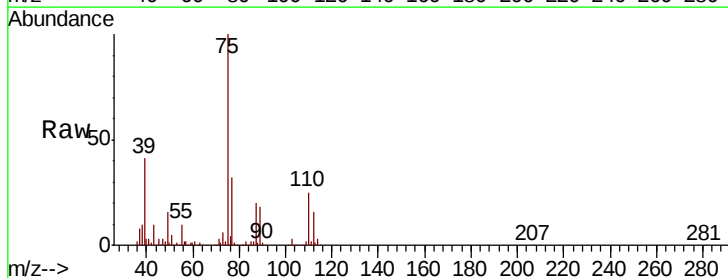
Tgt Ion: 75 Resp: 324880

Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

39 40.6 30.7 46.1



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

250000

200000

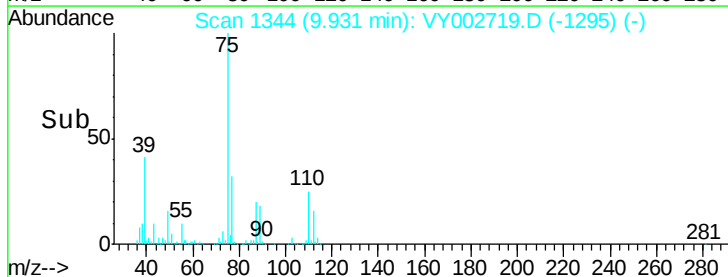
150000

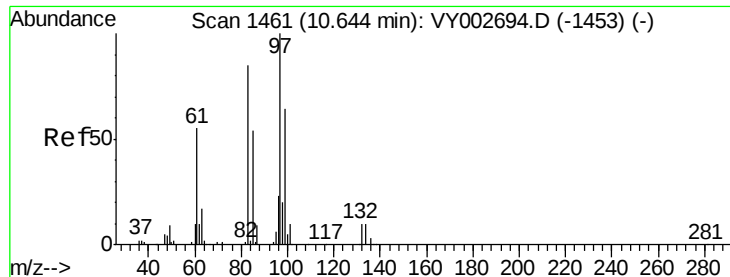
100000

50000

0

Time-->

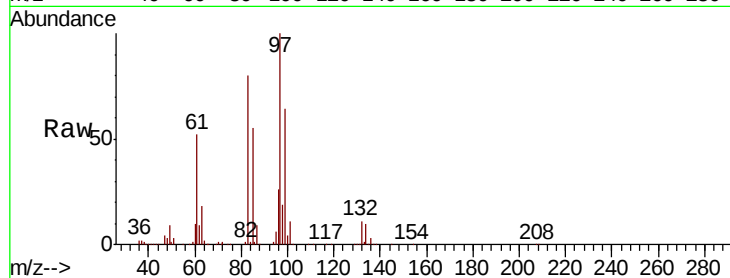




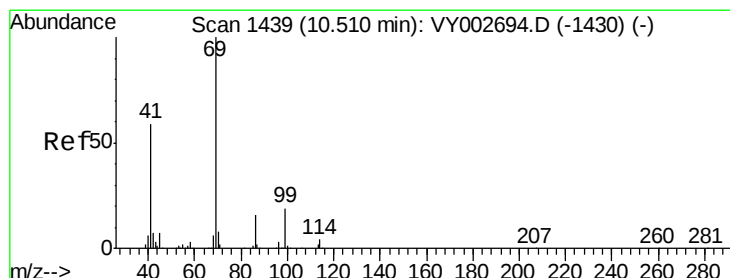
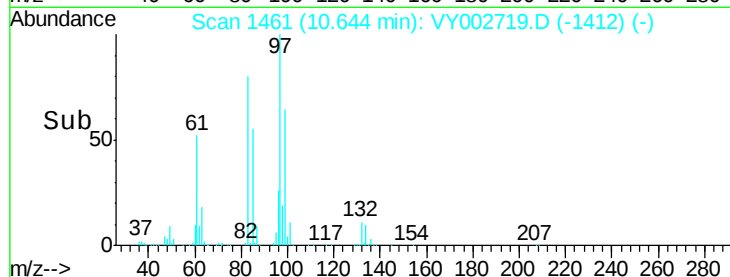
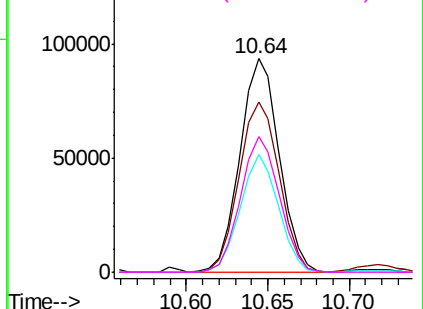
#55
 1,1,2-Trichloroethane
 Concen: 49.951 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
97	100		
83	79.9	68.1	102.1
85	54.9	43.1	64.7
99	63.4	51.0	76.4

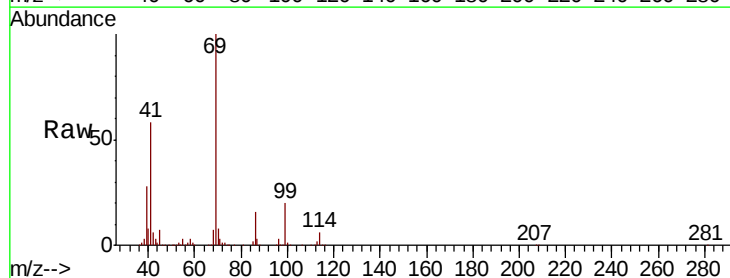


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

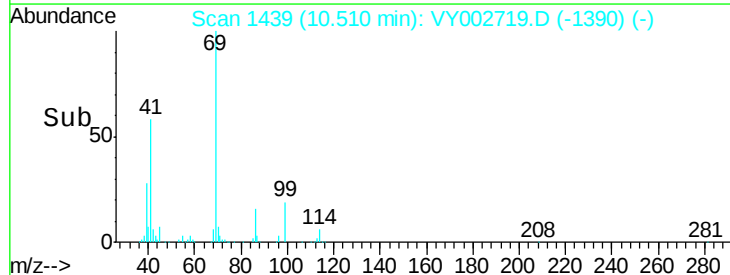
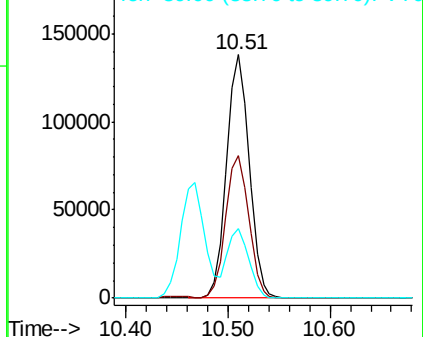


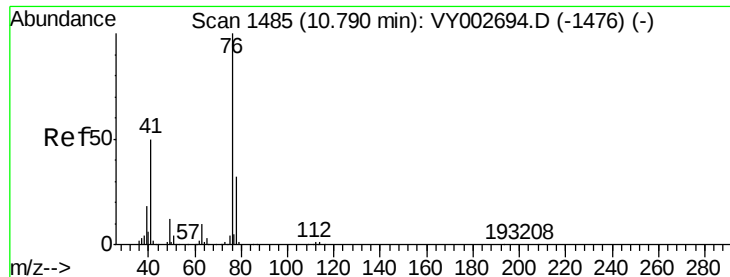
#56
 Ethyl methacrylate
 Concen: 50.604 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.6	48.0	72.0
39	26.5	22.1	33.1



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





#57

1,3-Dichloropropane

Concen: 50.388 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :

MSVOA_Y

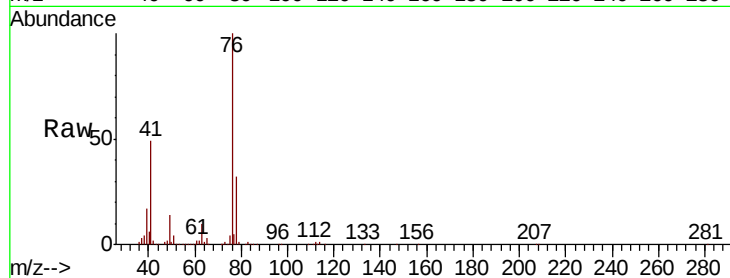
ClientSampleId :

Tot Ion: 76 Resp: 265810

Ion Ratio Lower Upper

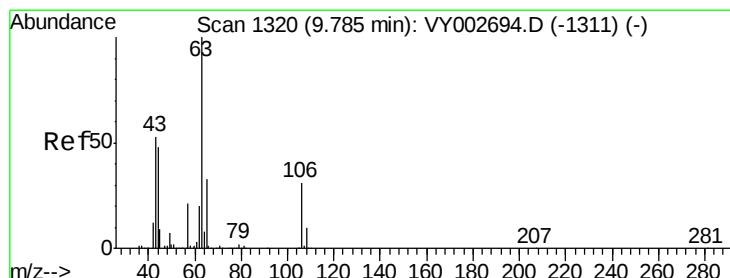
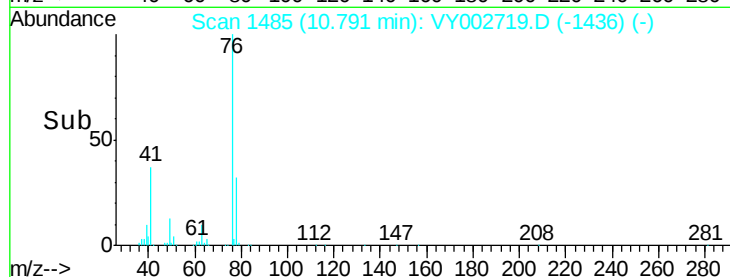
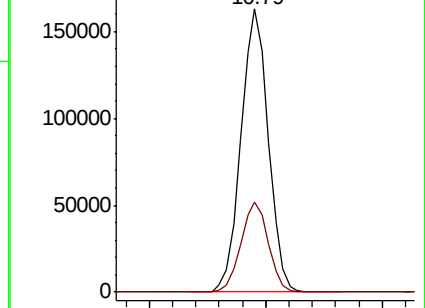
76 100

78 31.9 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: 246.164 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002719.D

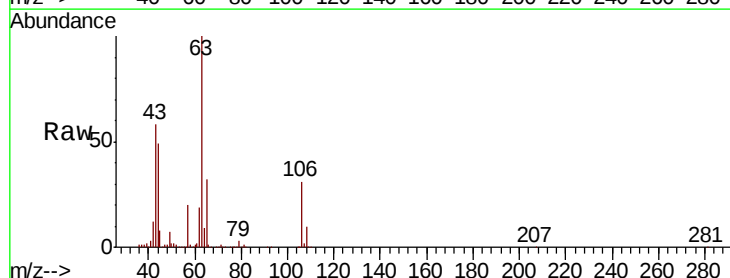
Acq: 20 May 2020 10:07

Tgt Ion: 63 Resp: 509293

Ion Ratio Lower Upper

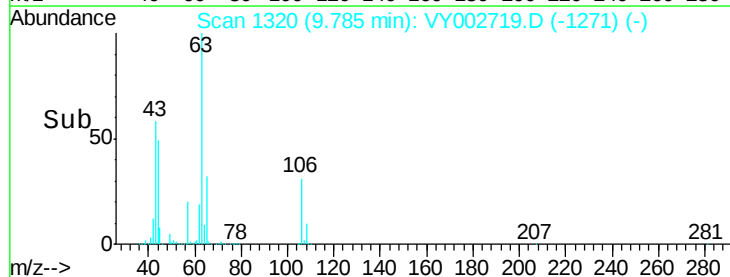
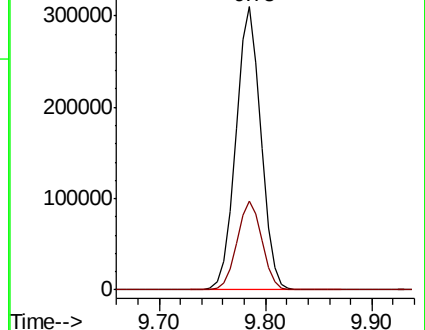
63 100

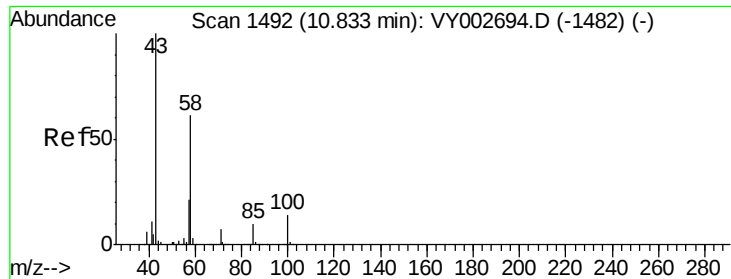
106 31.5 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

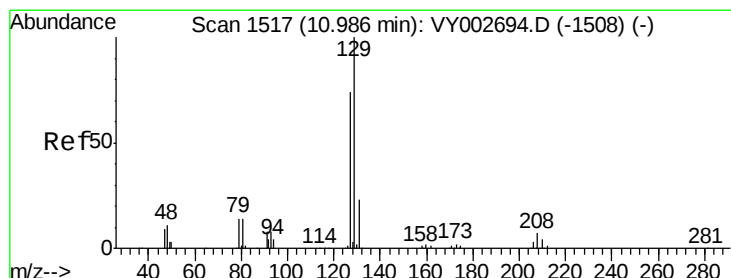
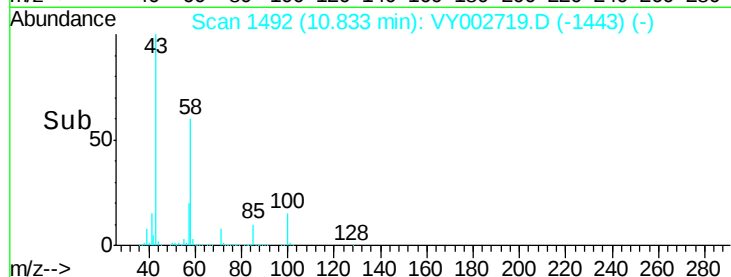
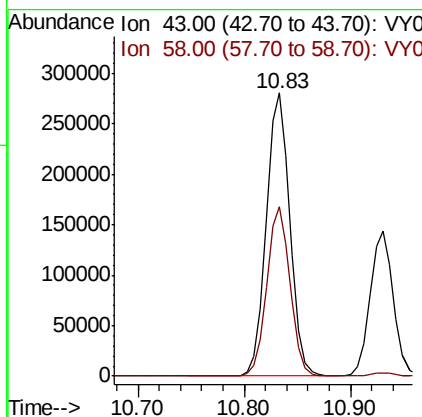
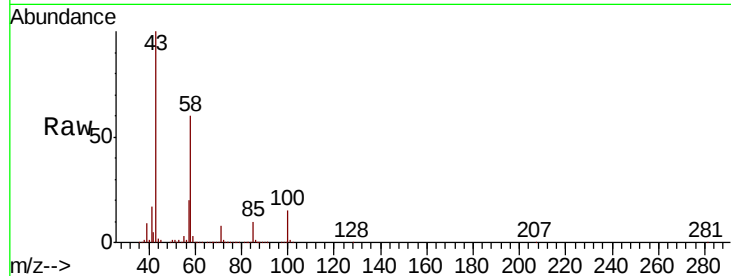




#59
2-Hexanone
Concen: 243.003 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

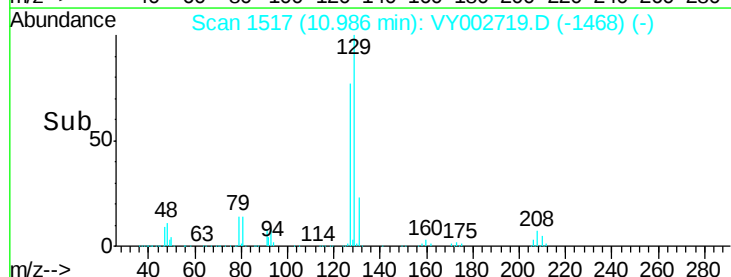
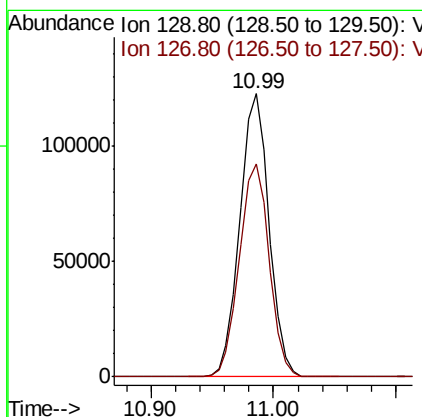
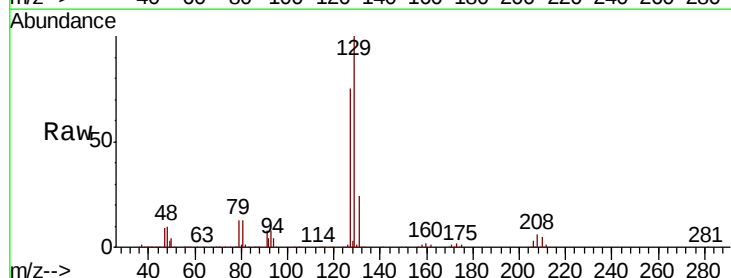
Instrument :
MSVOA_Y
ClientSampleId :

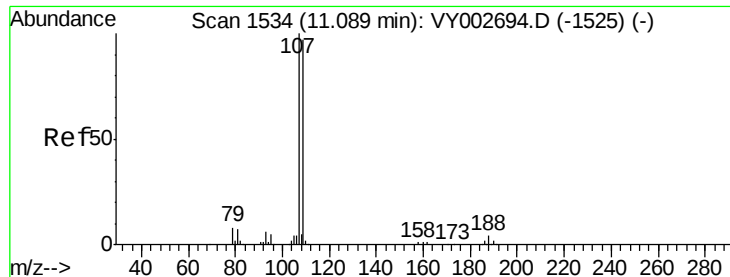
Tot Ion: 43 Resp: 434229
Ion Ratio Lower Upper
43 100
58 59.0 29.8 89.4



#60
Dibromochloromethane
Concen: 50.574 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion: 129 Resp: 203391
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3

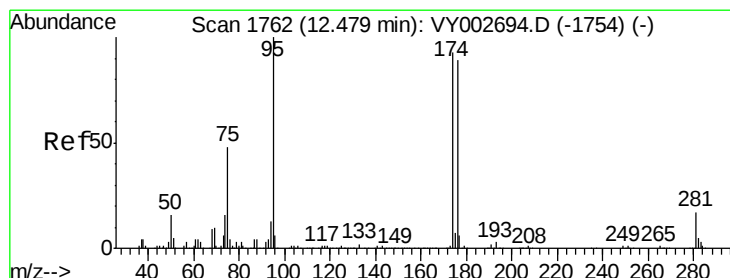
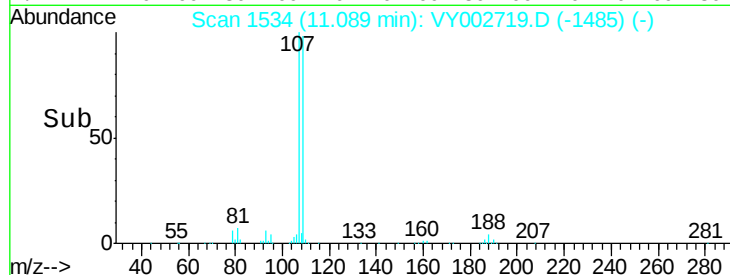
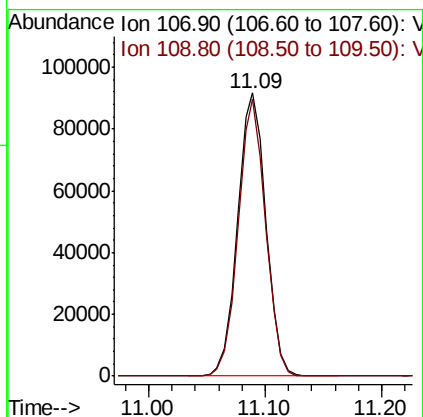
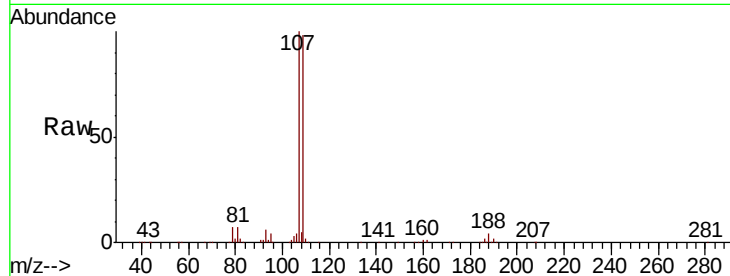




#61
 1,2-Dibromoethane
 Concen: 49.927 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

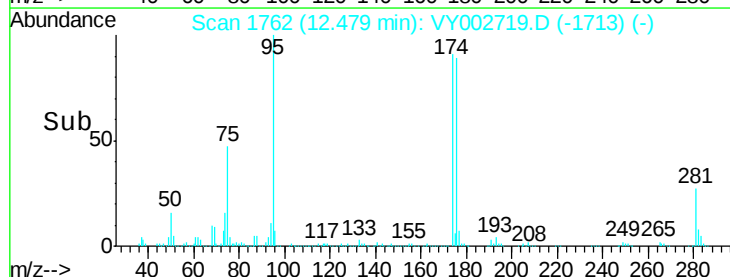
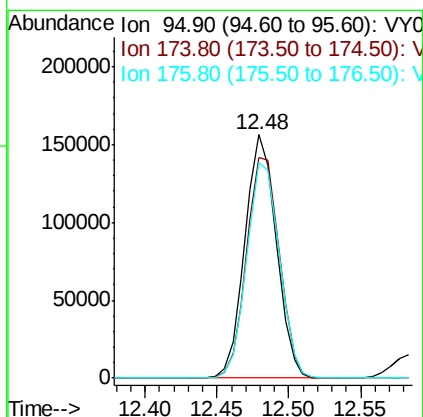
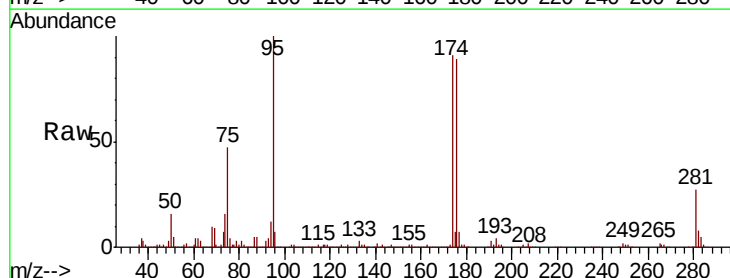
Instrument :
 MSVOA_Y
 ClientSampled :

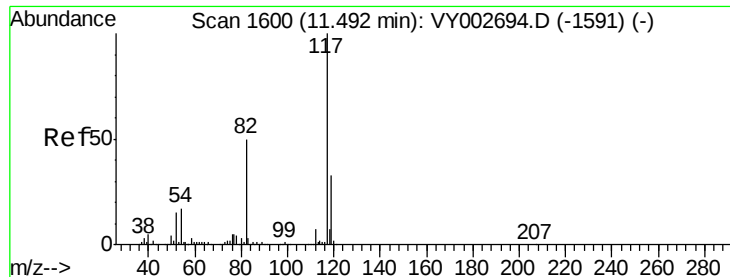
Tot Ion: 107 Resp: 154849
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 48.011 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

Tgt Ion: 95 Resp: 235387
 Ion Ratio Lower Upper
 95 100
 174 95.0 0.0 191.4
 176 91.8 0.0 186.0

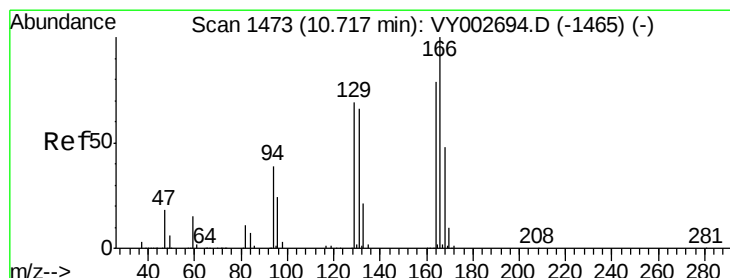
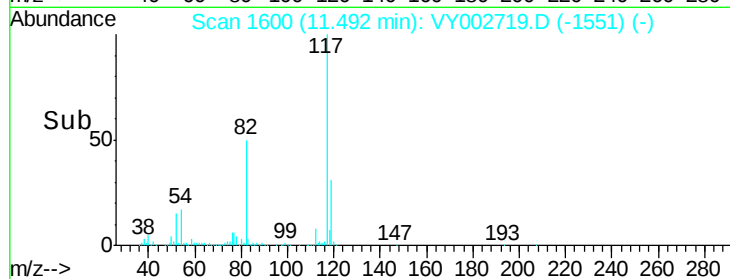
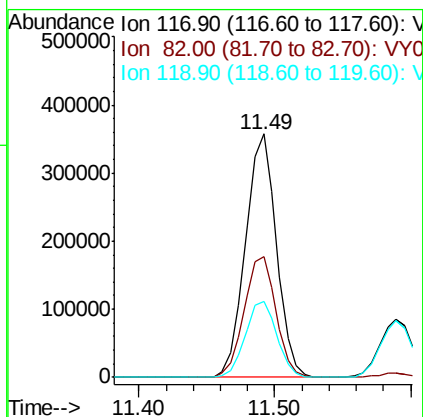
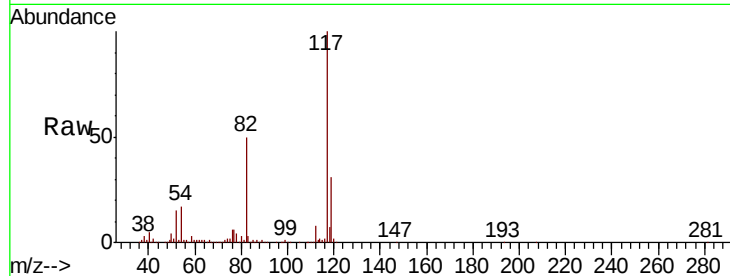




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

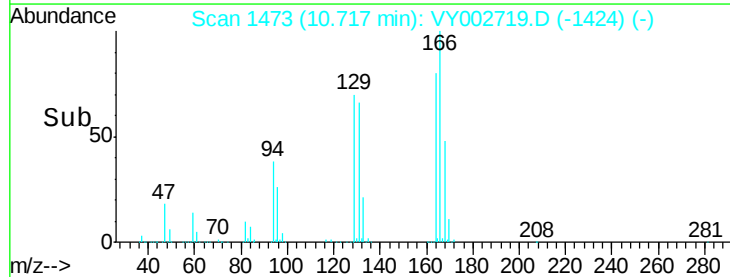
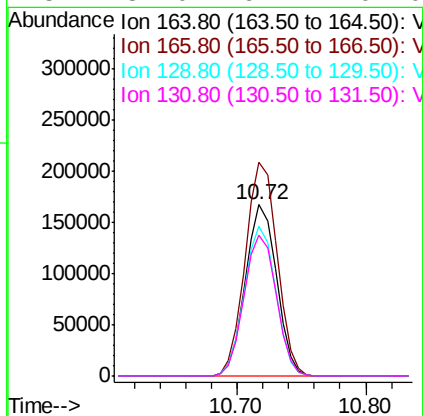
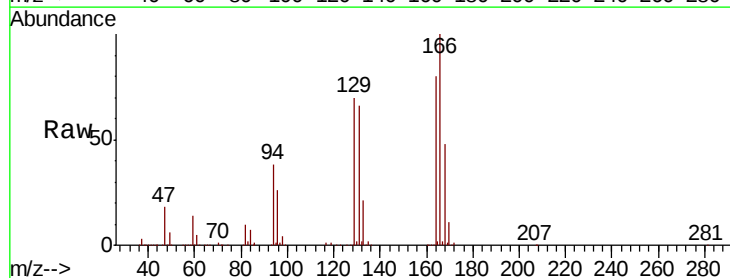
Instrument :
MSVOA_Y
ClientSampleId :

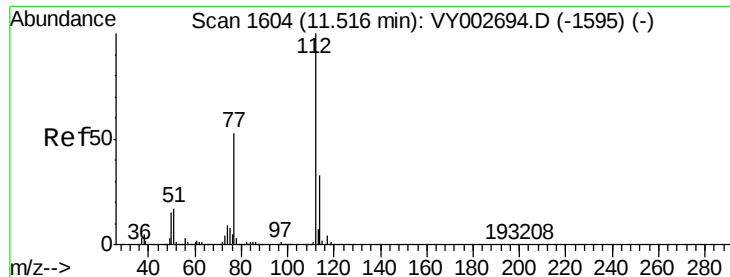
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	40.3	60.5
119	31.4	26.2	39.4



#64
Tetrachloroethene
Concen: 51.964 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	101.6	152.4
129	87.6	70.2	105.4
131	82.0	67.4	101.0

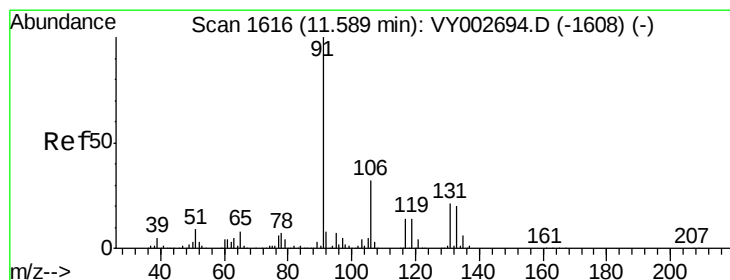
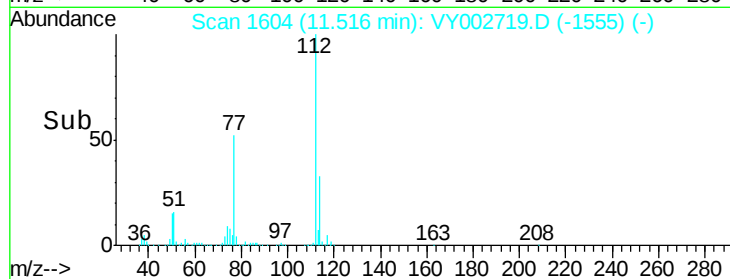
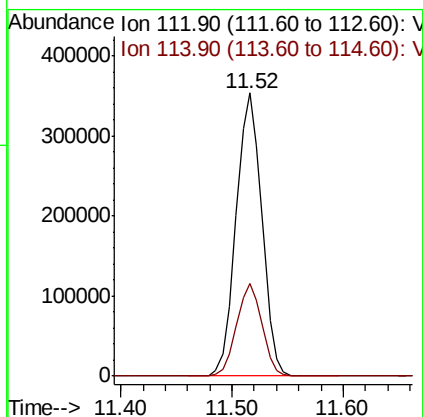
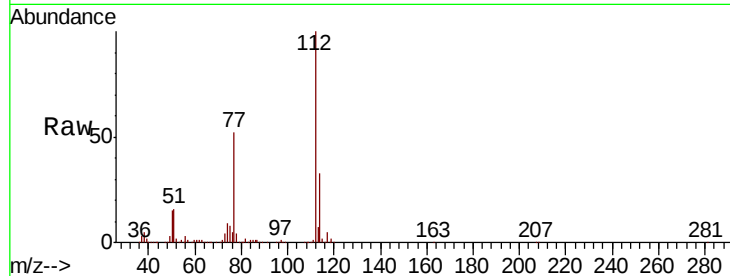




#65
Chlorobenzene
Concen: 51.272 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

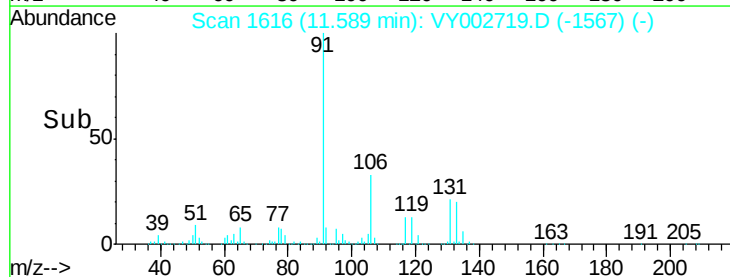
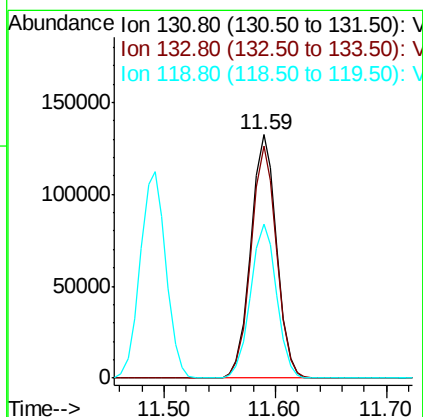
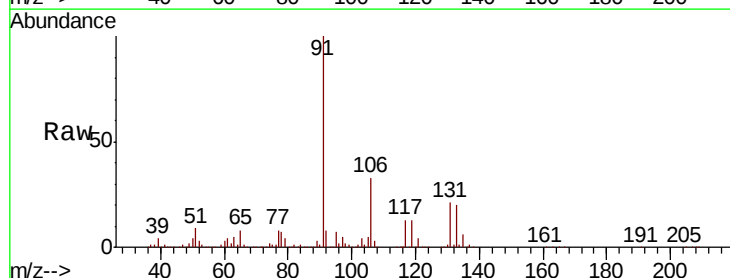
Instrument :
MSVOA_Y
ClientSampleId :

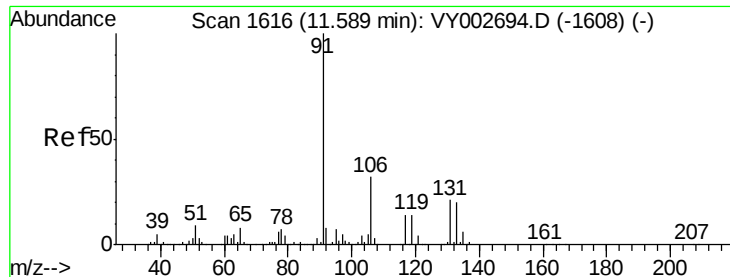
Tot Ion:112 Resp: 563906
Ion Ratio Lower Upper
112 100
114 32.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.307 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion:131 Resp: 213511
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.3
119 63.8 31.6 94.8





#67

Ethyl Benzene

Concen: 52.080 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :

MSVOA_Y

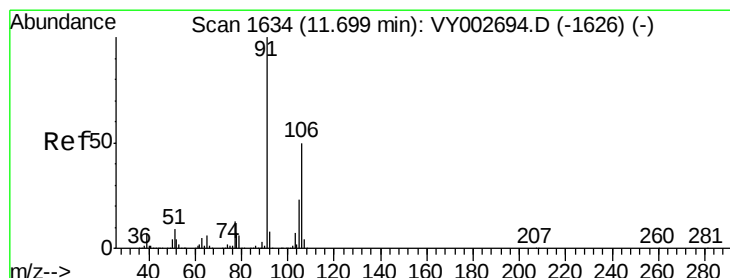
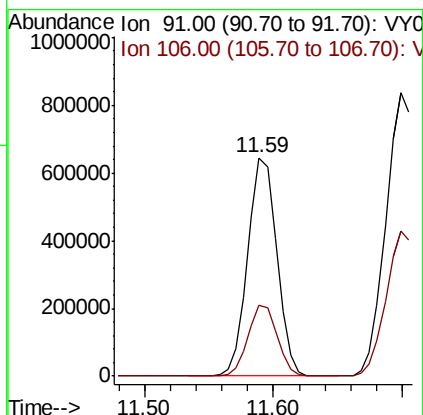
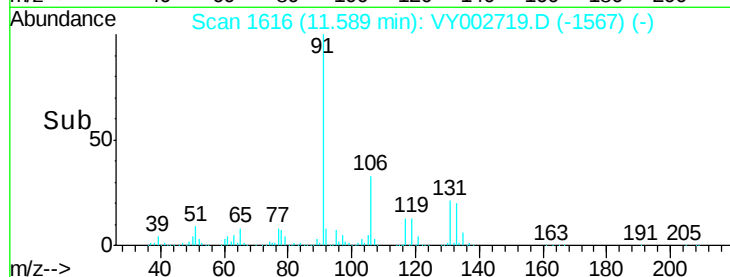
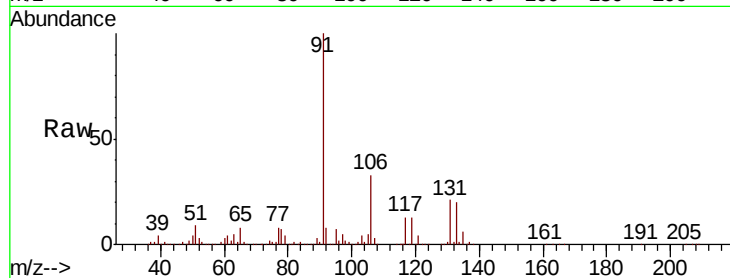
ClientSampled :

Tot Ion: 91 Resp: 1005724

Ion Ratio Lower Upper

91 100

106 32.5 26.0 39.0



#68

m/p-Xylenes

Concen: 104.090 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002719.D

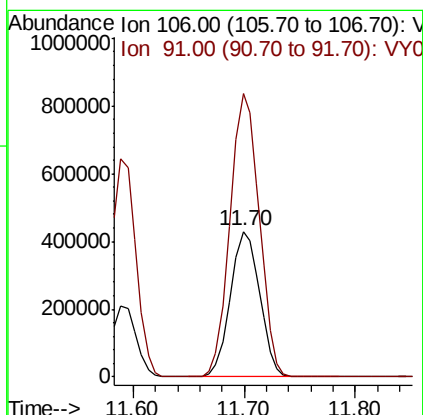
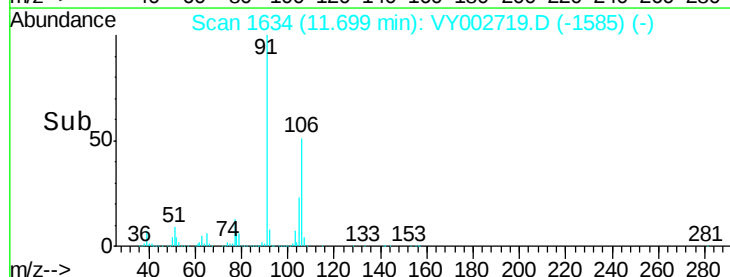
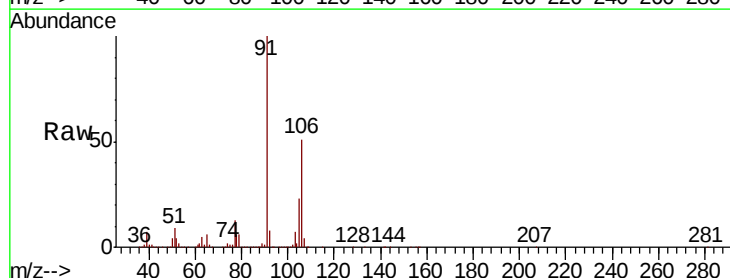
Acq: 20 May 2020 10:07

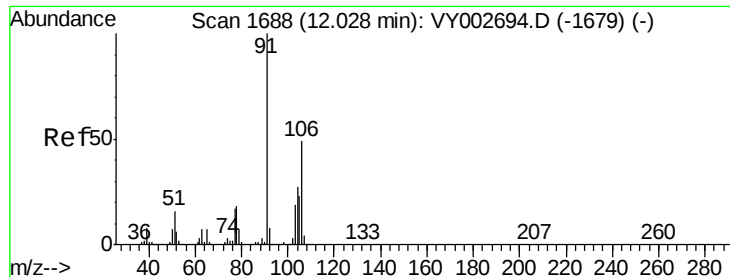
Tgt Ion: 106 Resp: 782026

Ion Ratio Lower Upper

106 100

91 194.3 156.2 234.4

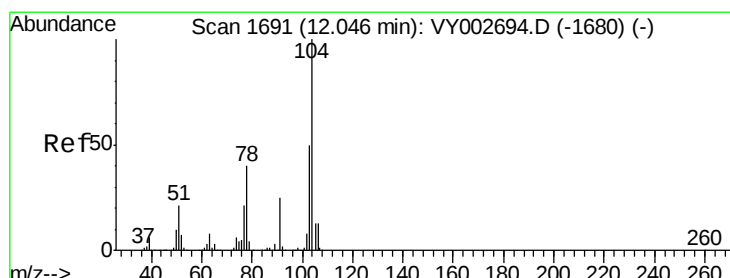
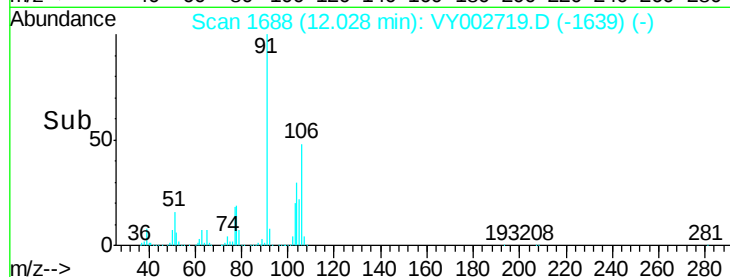
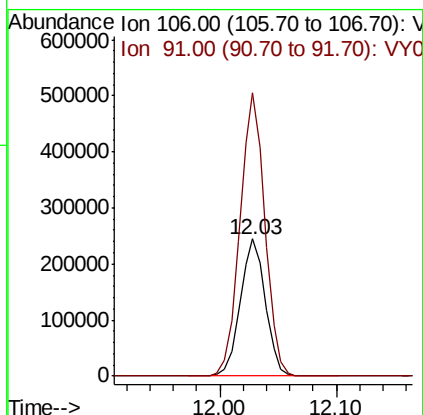
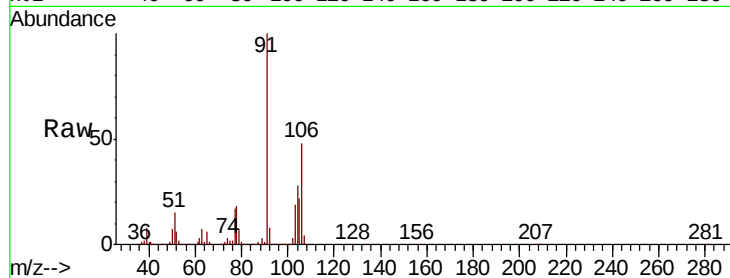




#69
o-Xylene
Concen: 52.014 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

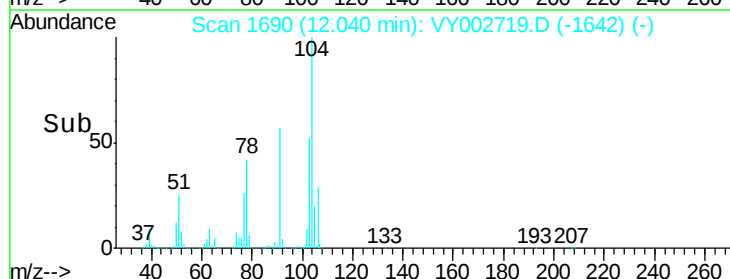
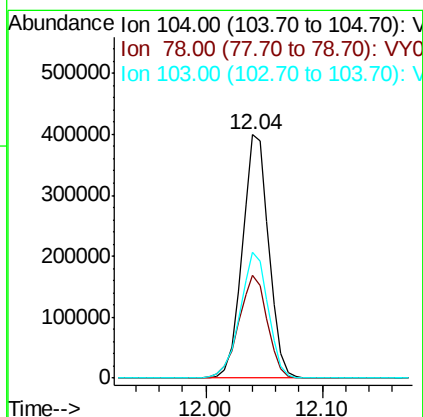
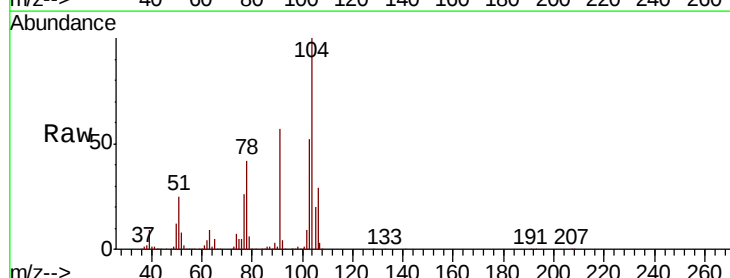
Instrument :
MSVOA_Y
ClientSampleId :

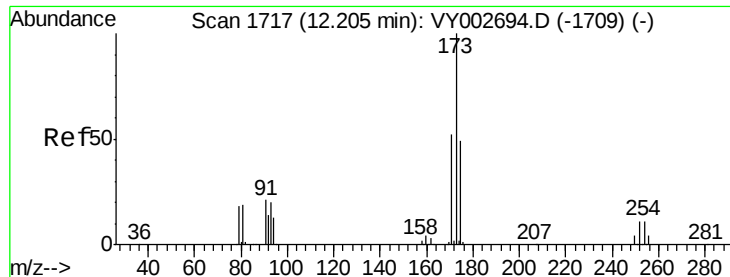
Tot Ion:106 Resp: 366778
Ion Ratio Lower Upper
106 100
91 205.1 103.5 310.3



#70
Styrene
Concen: 51.771 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion:104 Resp: 626785
Ion Ratio Lower Upper
104 100
78 46.0 36.6 54.8
103 55.4 44.1 66.1

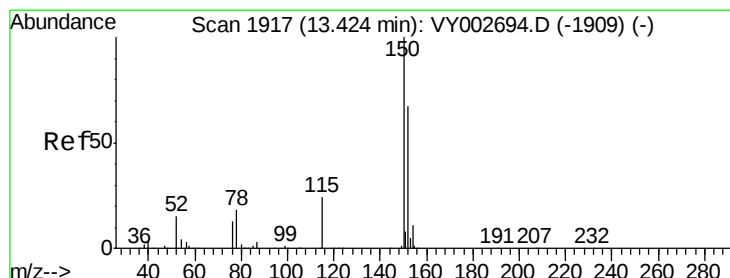
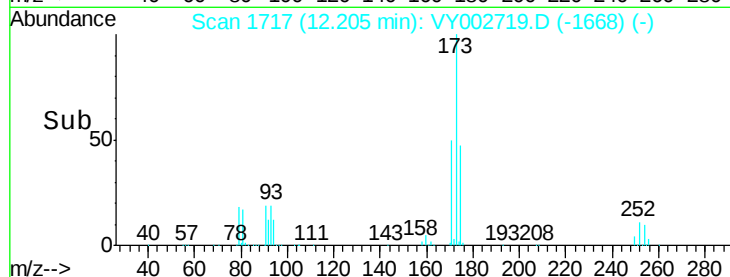
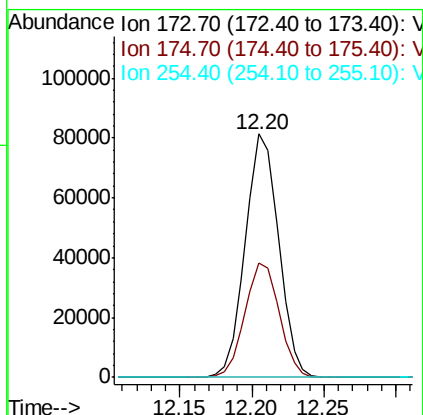
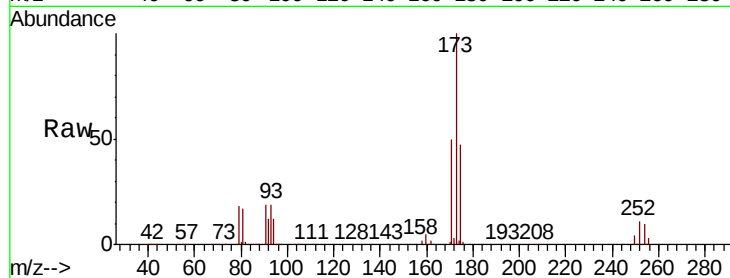




#71
Bromoform
Concen: 51.759 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

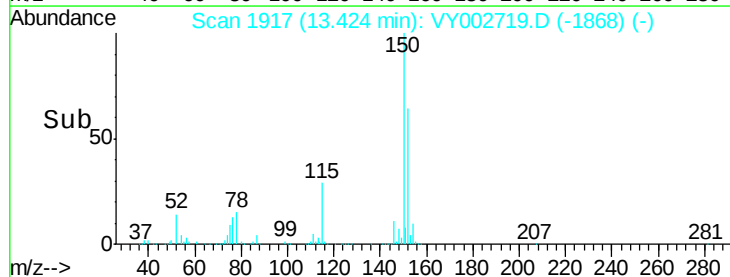
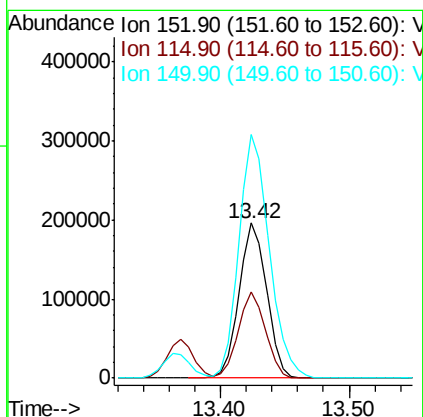
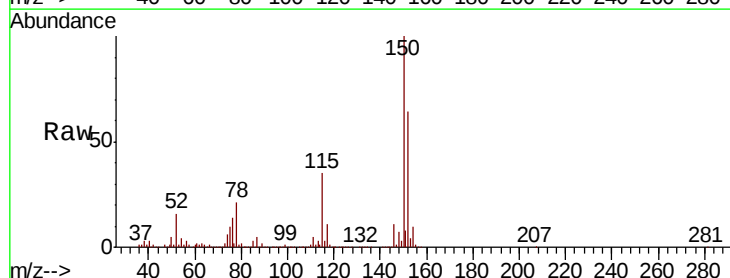
Instrument :
MSVOA_Y
ClientSampleId :

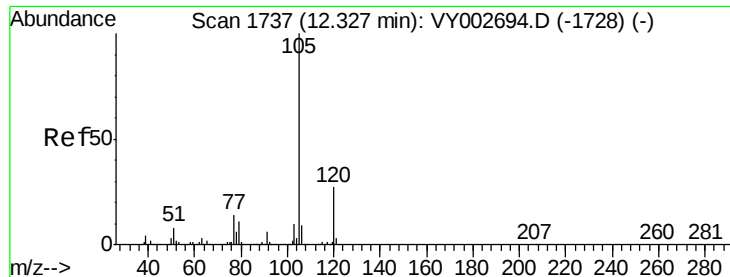
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.1	72.4
254	0.2	0.1	0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.2	81.6
150	172.8	0.0	343.8





#73

Isopropylbenzene

Concen: 52.780 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :

MSVOA_Y

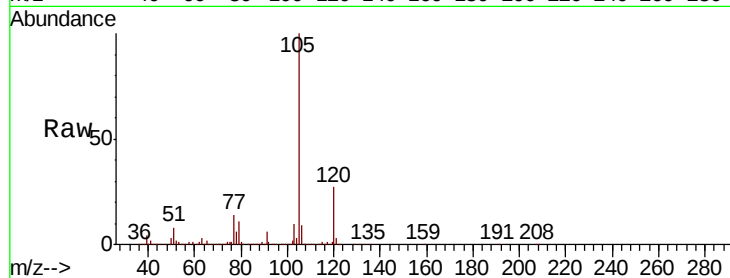
ClientSampleId :

Tot Ion:105 Resp: 1002494

Ion Ratio Lower Upper

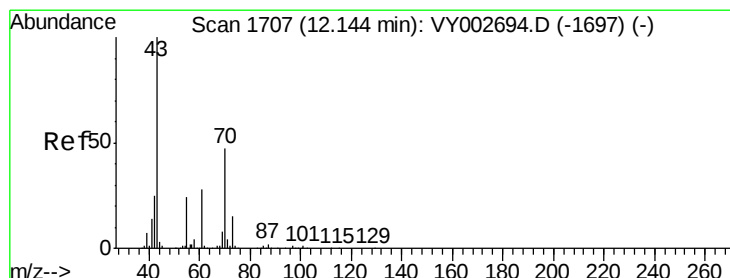
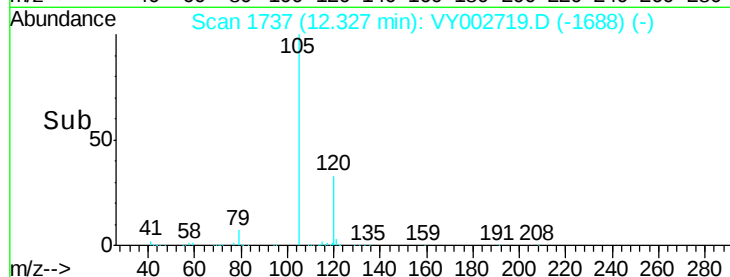
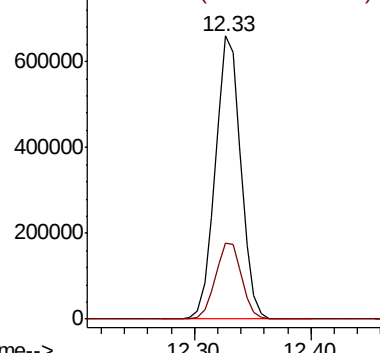
105 100

120 27.7 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.741 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Tgt Ion: 43 Resp: 230613

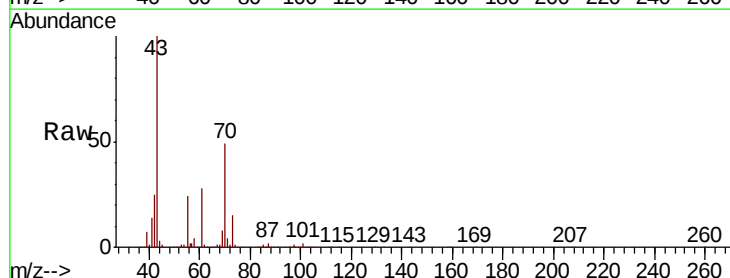
Ion Ratio Lower Upper

43 100

70 47.7 37.7 56.5

55 24.1 19.4 29.0

61 27.1 21.3 31.9

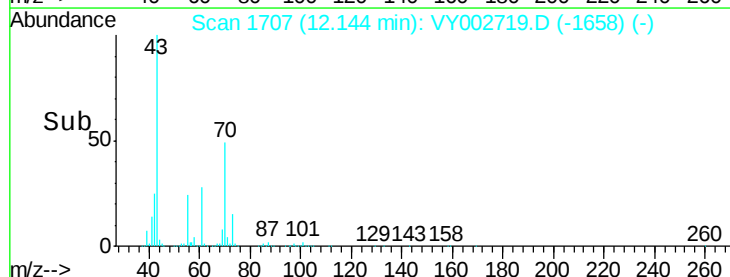
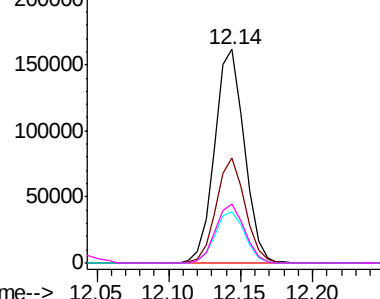


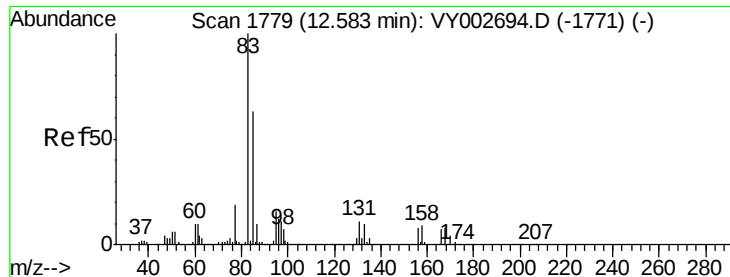
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.743 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

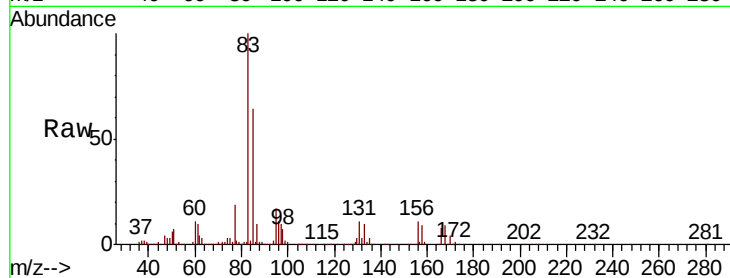
Tot Ion: 83 Resp: 141925

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.3

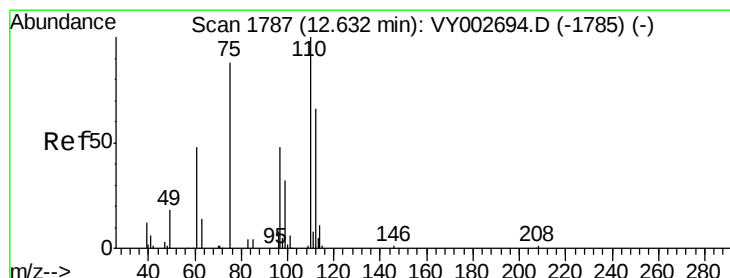
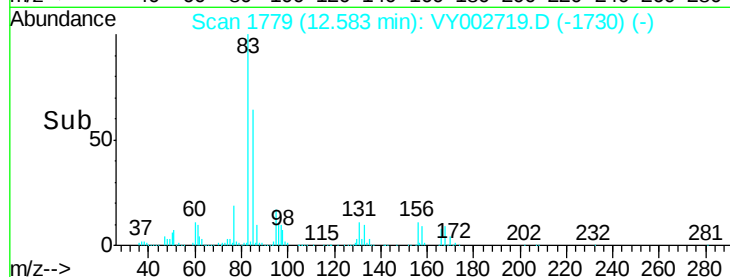
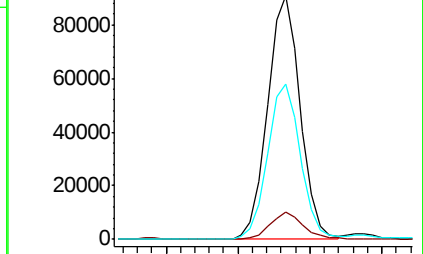
85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002719.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002719.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002719.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 95.027 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002719.D

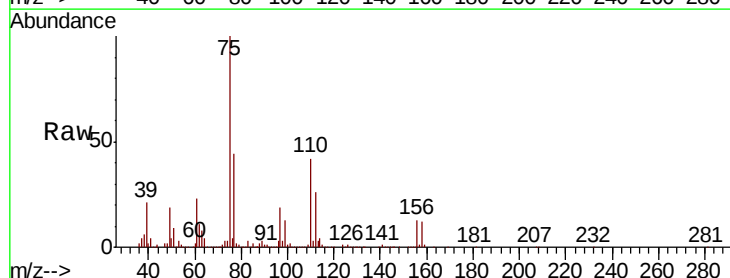
Acq: 20 May 2020 10:07

Tgt Ion: 75 Resp: 226910

Ion Ratio Lower Upper

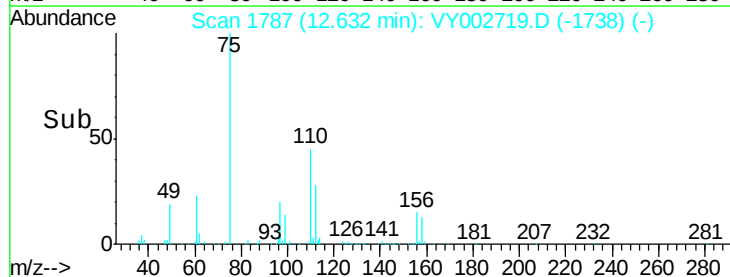
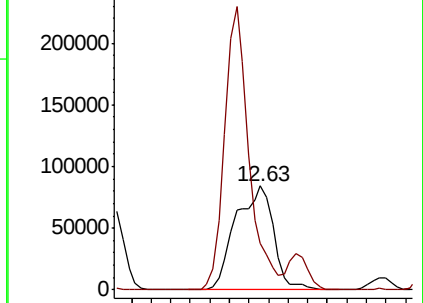
75 100

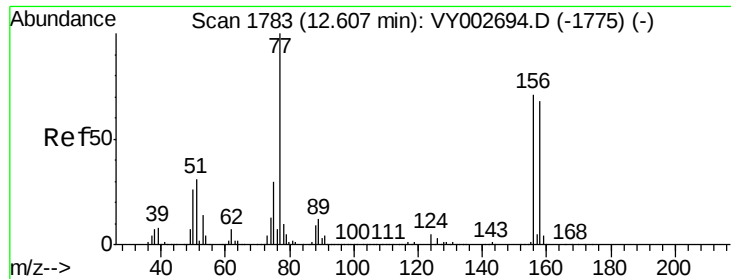
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002719.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002719.D (-1738) (-)





#77

Bromobenzene

Concen: 52.003 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

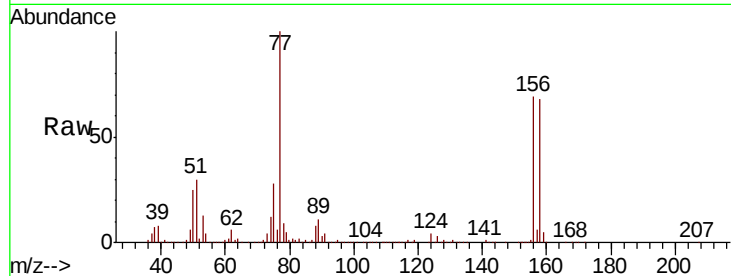
Tot Ion:156 Resp: 246943

Ion Ratio Lower Upper

156 100

77 160.0 80.8 242.3

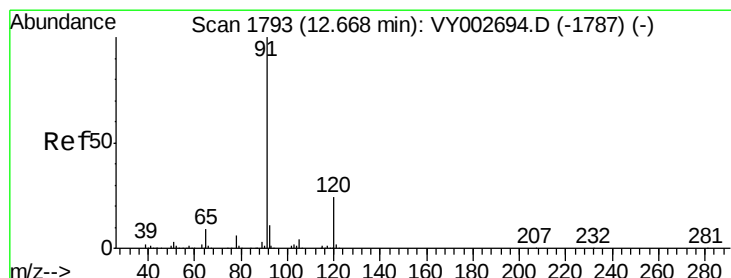
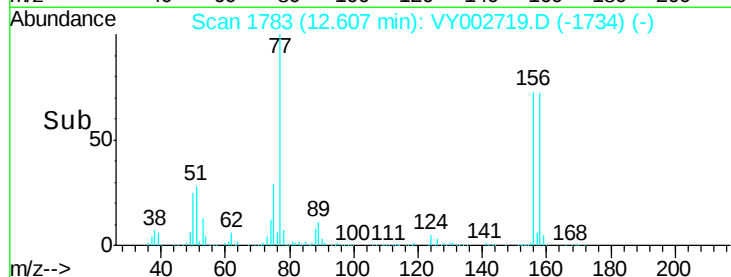
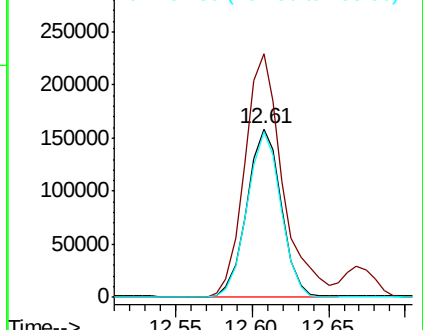
158 97.1 49.0 147.0



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: 52.704 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002719.D

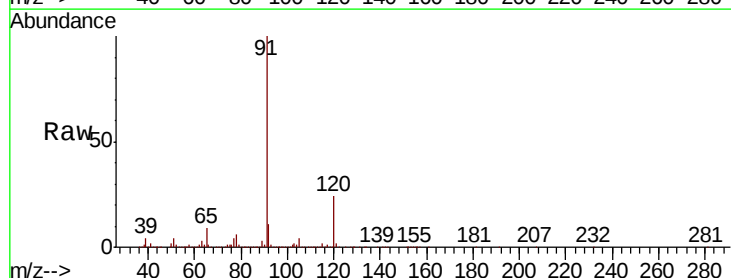
Acq: 20 May 2020 10:07

Tgt Ion: 91 Resp: 1164512

Ion Ratio Lower Upper

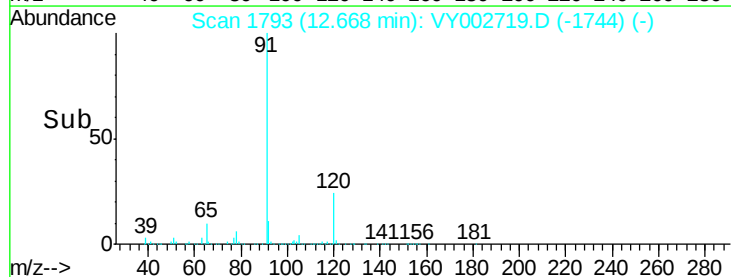
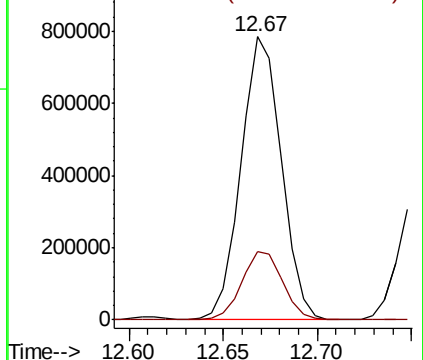
91 100

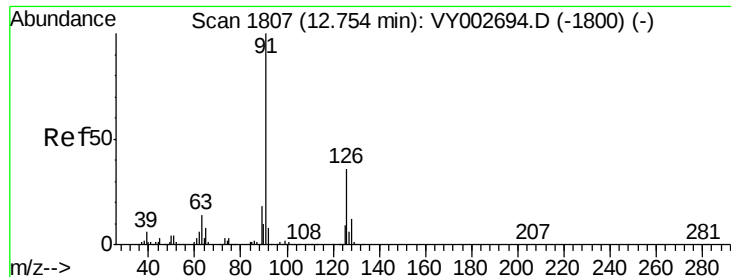
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

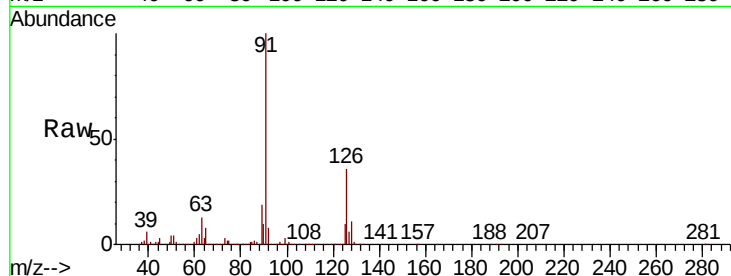




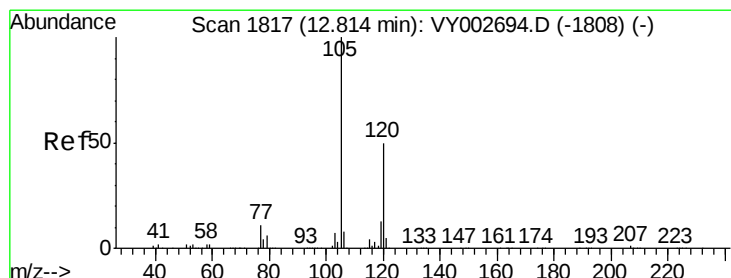
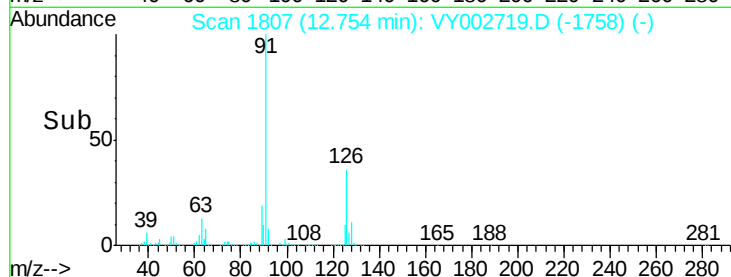
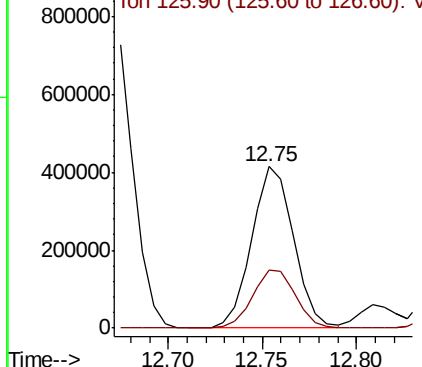
#79
 2-Chlorotoluene
 Concen: 52.079 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 91 Resp: 638234
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.0

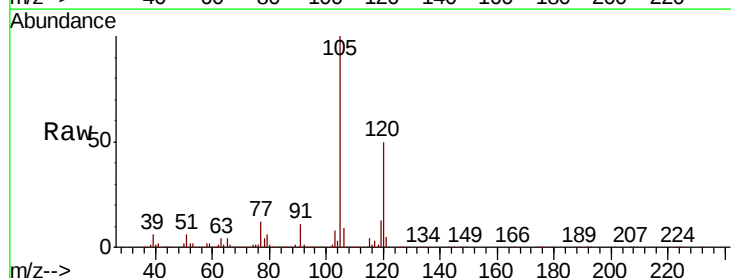


Abundance Ion 91.00 (90.70 to 91.70): VY002719.D (-1758) (-)
 Ion 125.90 (125.60 to 126.60): VY002719.D (-1758) (-)

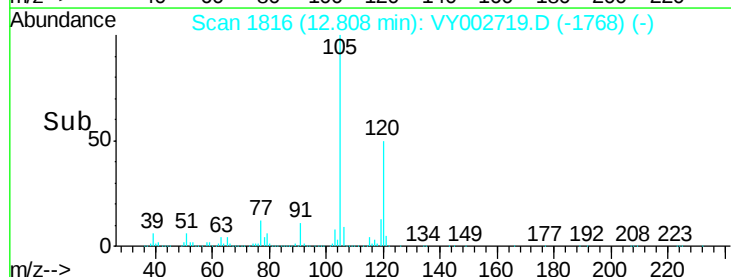
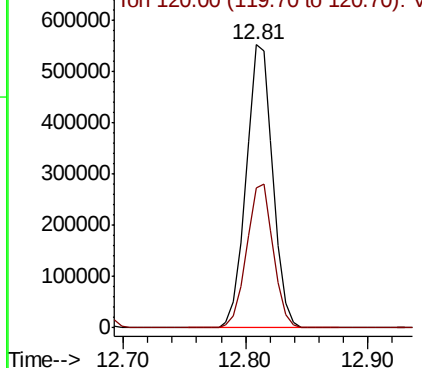


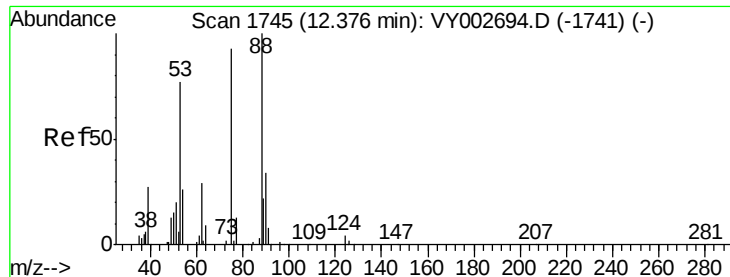
#80
 1,3,5-Trimethylbenzene
 Concen: 51.929 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

Tgt Ion: 105 Resp: 828767
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VY002719.D (-1768) (-)
 Ion 120.00 (119.70 to 120.70): VY002719.D (-1768) (-)

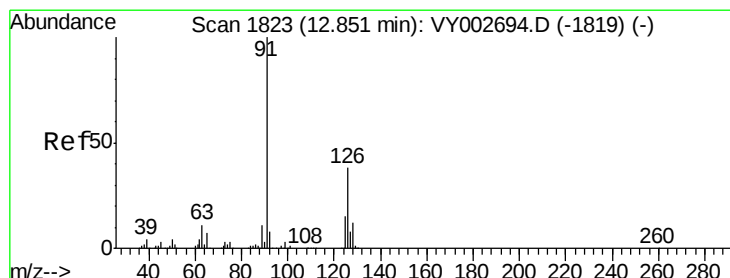
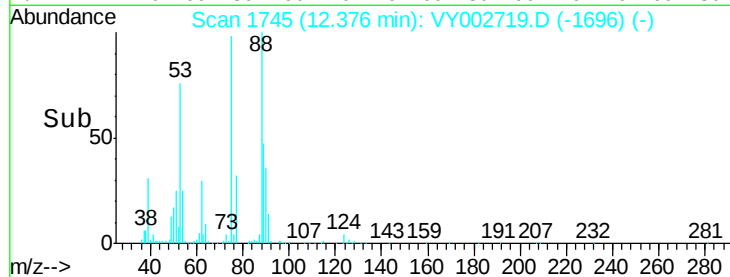
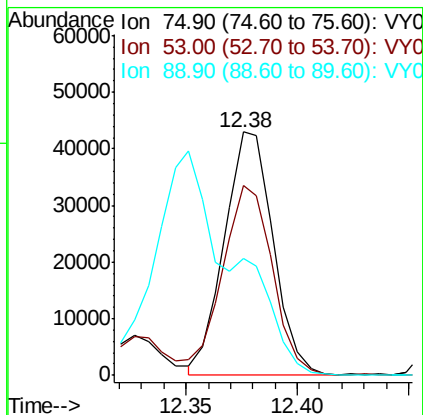
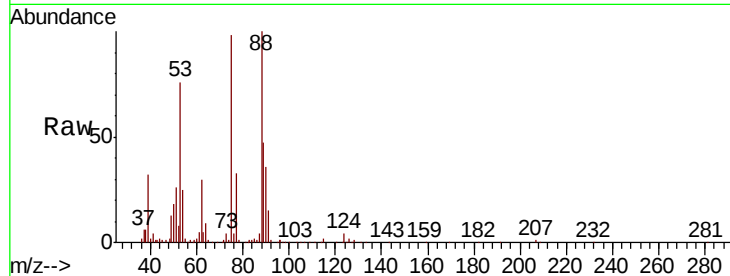




#81
trans-1,4-Dichloro-2-butene
Concen: 51.589 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

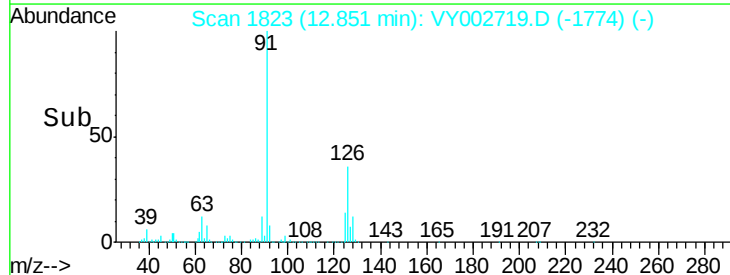
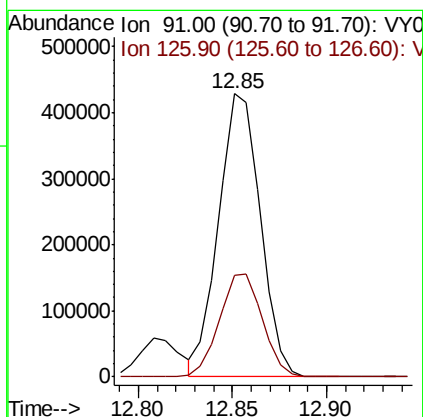
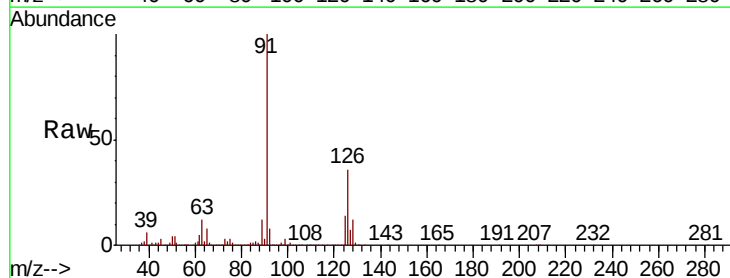
Instrument :
MSVOA_Y
ClientSampleId :

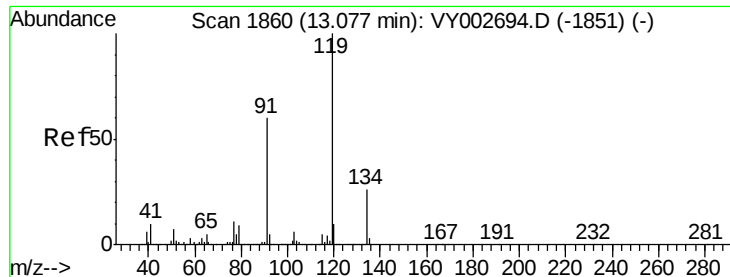
Tot Ion: 75 Resp: 65136
Ion Ratio Lower Upper
75 100
53 80.8 65.0 97.6
89 0.0 66.6 99.8#



#82
4-Chlorotoluene
Concen: 51.305 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion: 91 Resp: 658602
Ion Ratio Lower Upper
91 100
126 37.4 18.6 56.0





#83

tert-Butylbenzene

Concen: 52.340 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

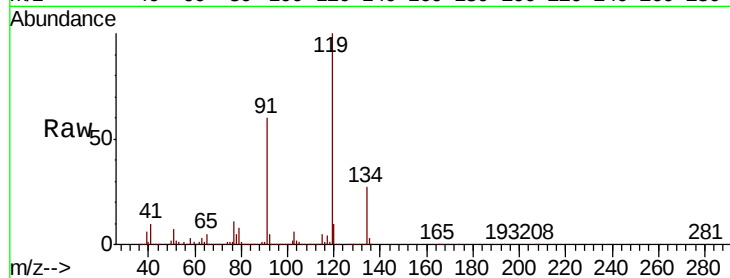
Tot Ion:119 Resp: 739265

Ion Ratio Lower Upper

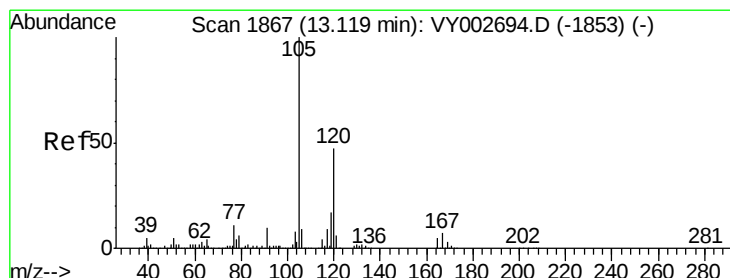
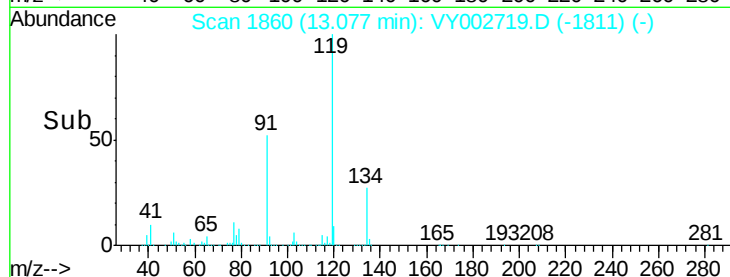
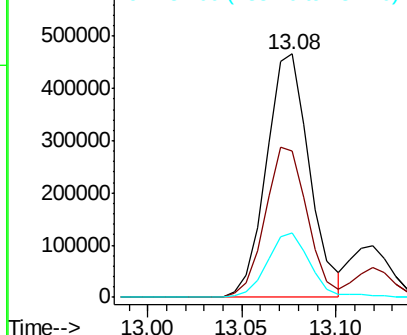
119 100

91 60.3 30.4 91.2

134 26.7 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: 51.653 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002719.D

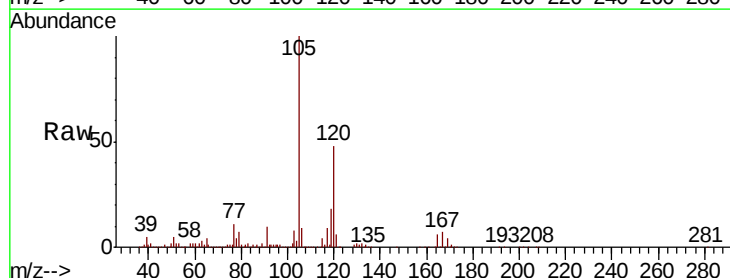
Acq: 20 May 2020 10:07

Tgt Ion:105 Resp: 823864

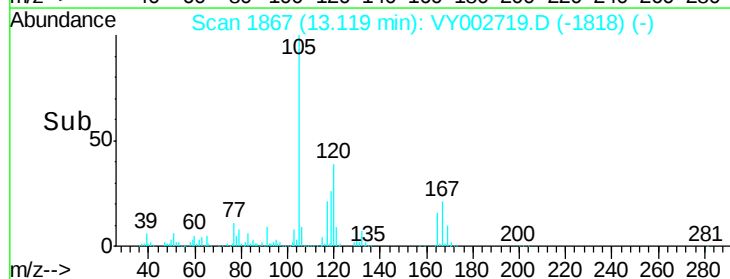
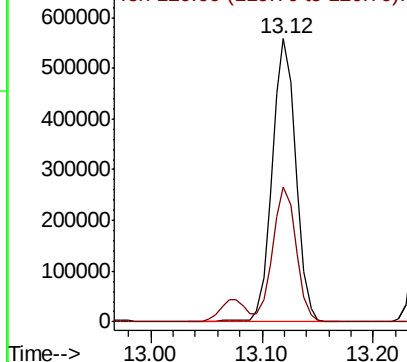
Ion Ratio Lower Upper

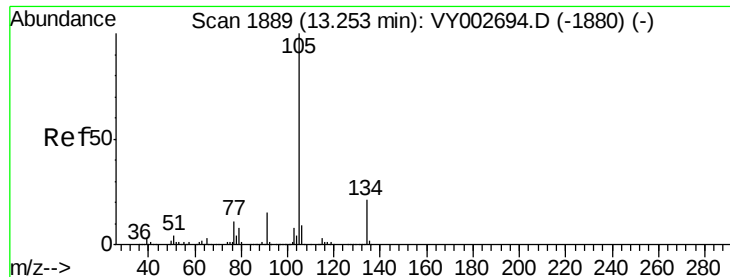
105 100

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: 52.347 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

Instrument :

MSVOA_Y

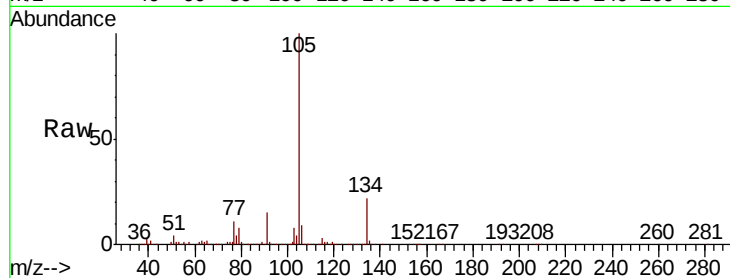
ClientSampleId :

Tot Ion:105 Resp: 1020264

Ion Ratio Lower Upper

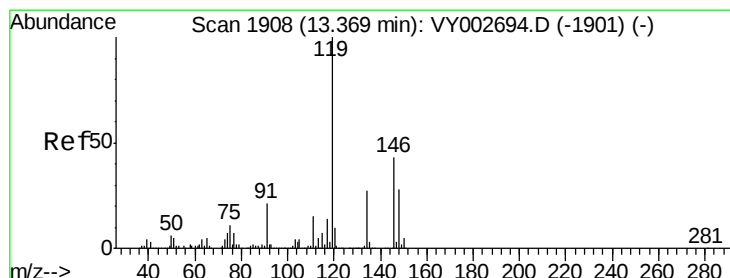
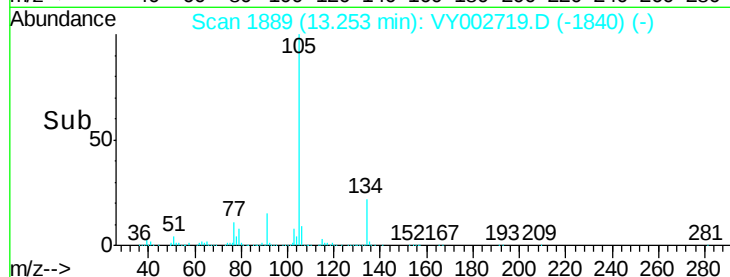
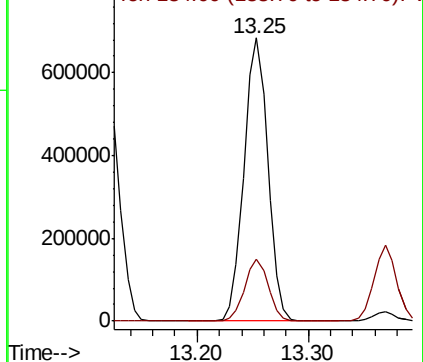
105 100

134 21.6 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.289 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002719.D

Acq: 20 May 2020 10:07

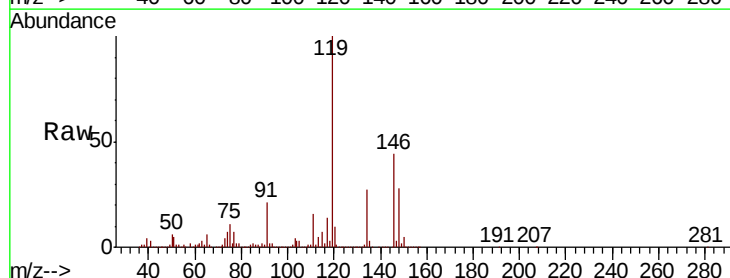
Tgt Ion:119 Resp: 953943

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

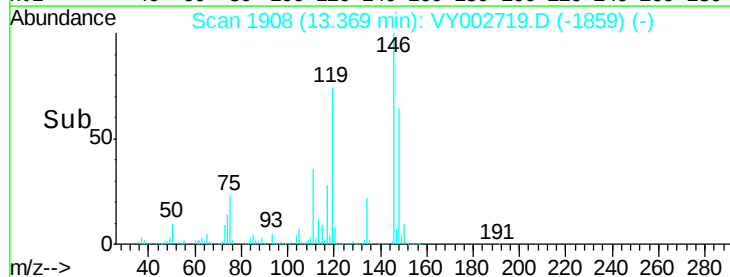
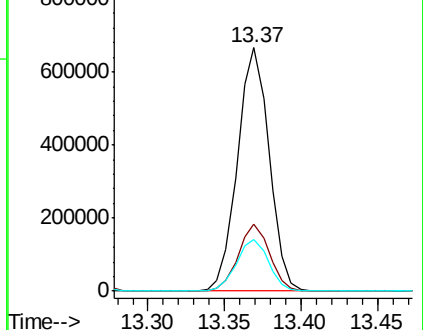
91 21.4 10.8 32.3

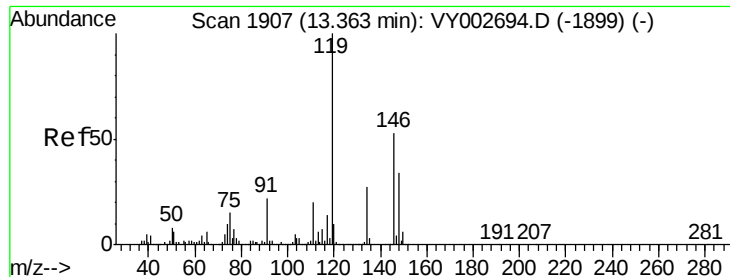


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

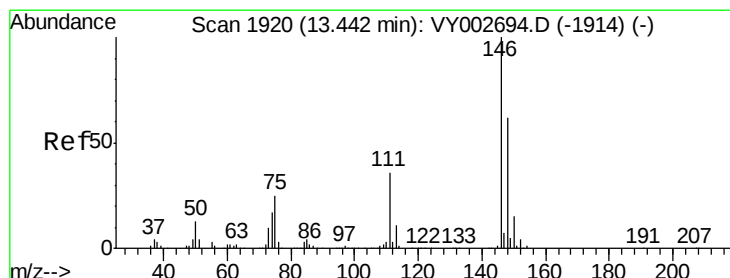
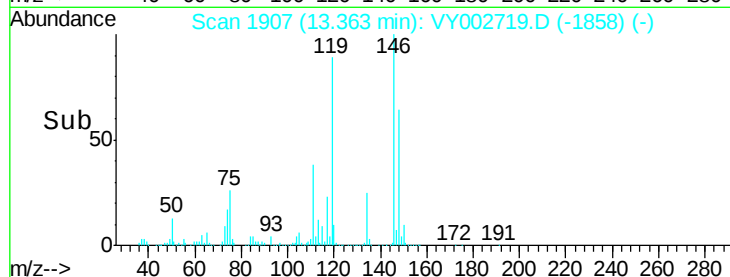
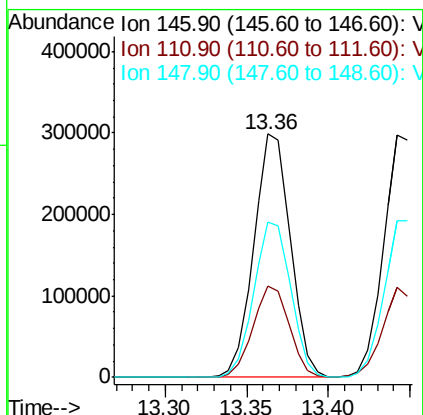
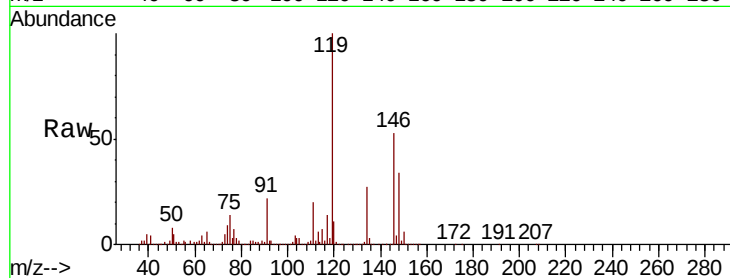




#87
 1,3-Dichlorobenzene
 Concen: 51.072 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

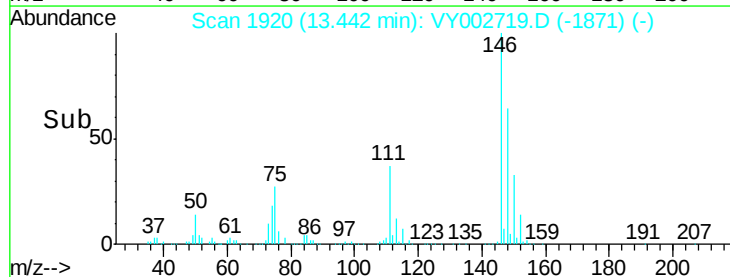
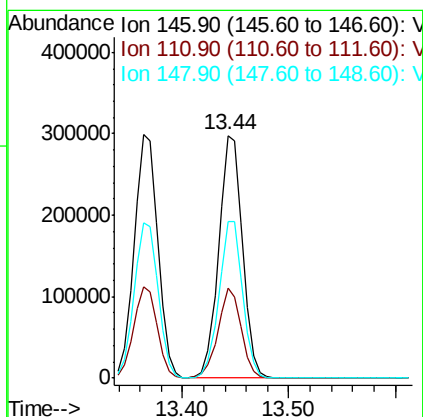
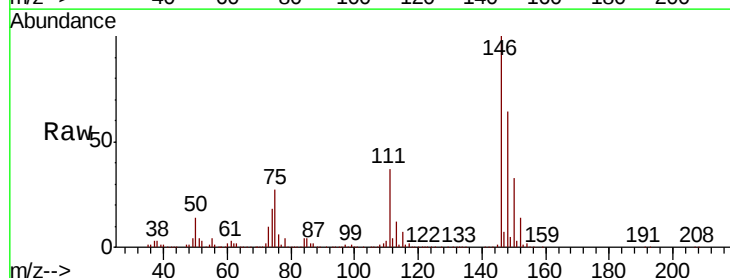
Instrument :
 MSVOA_Y
 ClientSampleId :

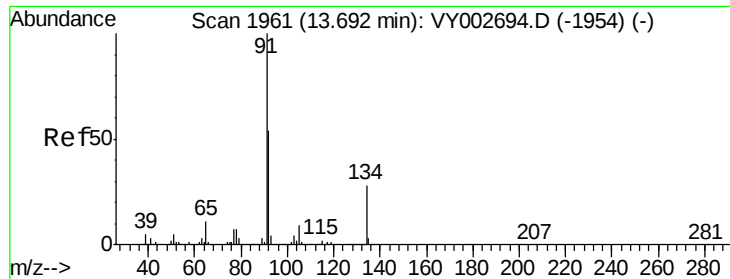
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.5	55.5
148	64.4	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.463 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.1	54.4
148	64.5	31.8	95.3

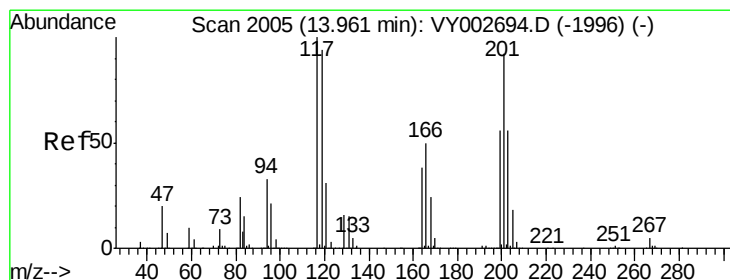
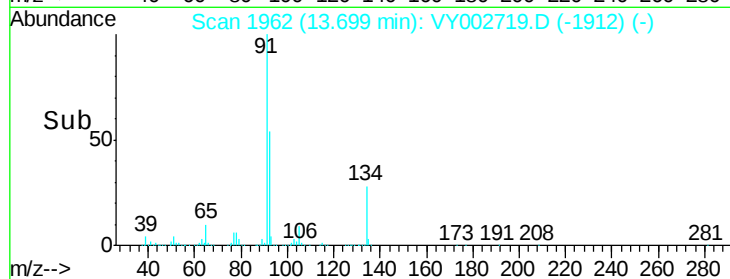
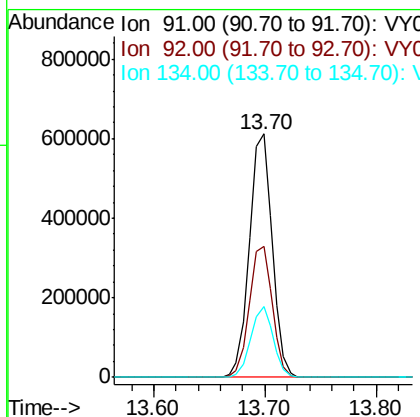
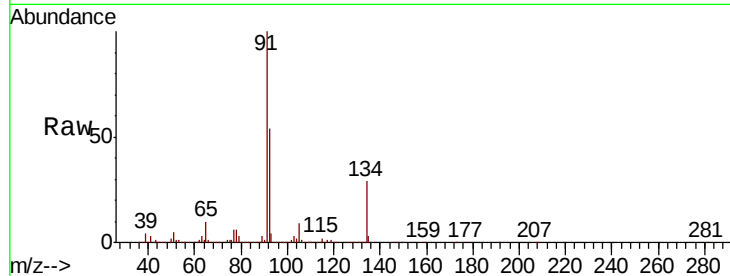




#89
n-Butylbenzene
Concen: 51.959 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

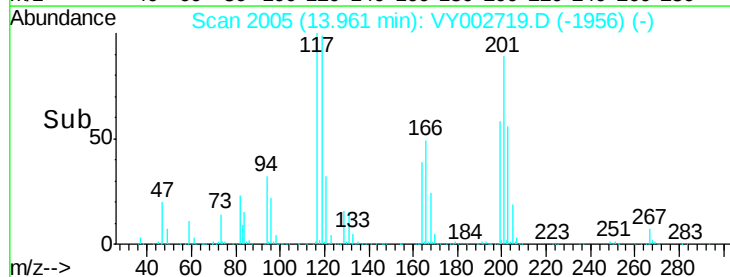
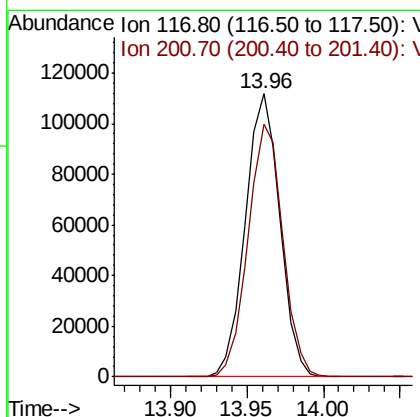
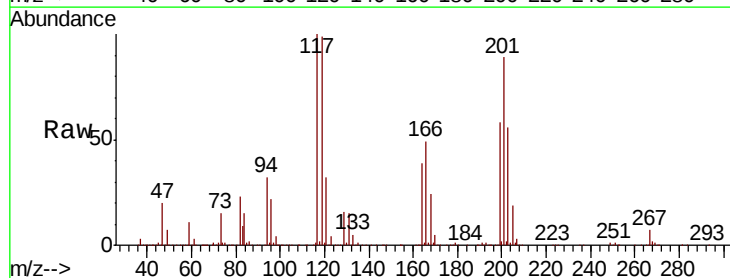
Instrument :
MSVOA_Y
ClientSampled :

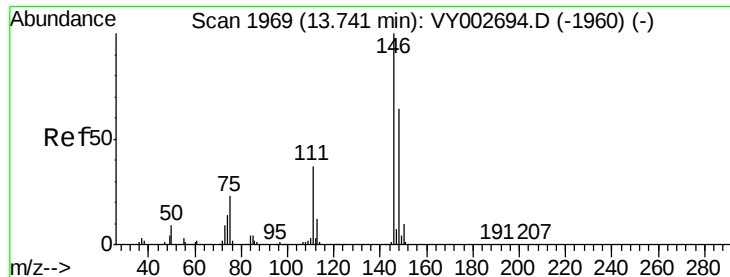
Tot Ion: 91 Resp: 870504
Ion Ratio Lower Upper
91 100
92 54.5 26.8 80.4
134 28.5 14.5 43.5



#90
Hexachloroethane
Concen: 51.839 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion: 117 Resp: 175166
Ion Ratio Lower Upper
117 100
201 90.1 44.9 134.7

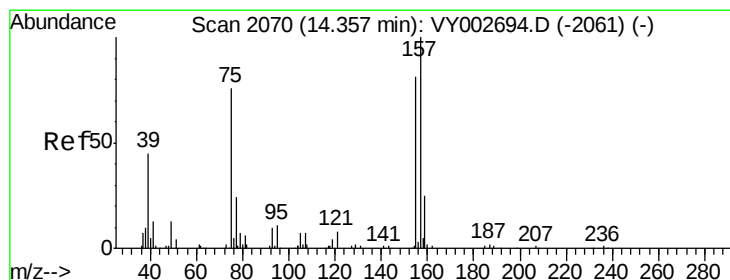
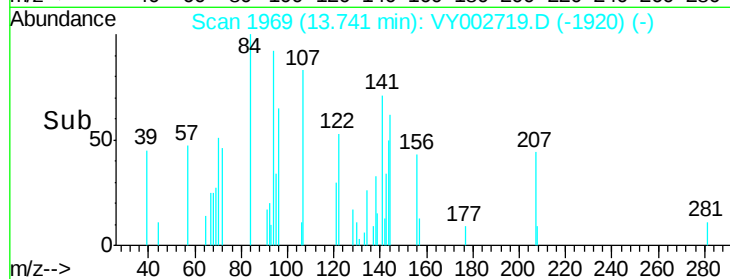
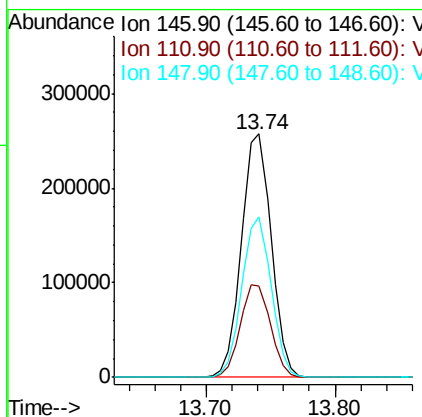
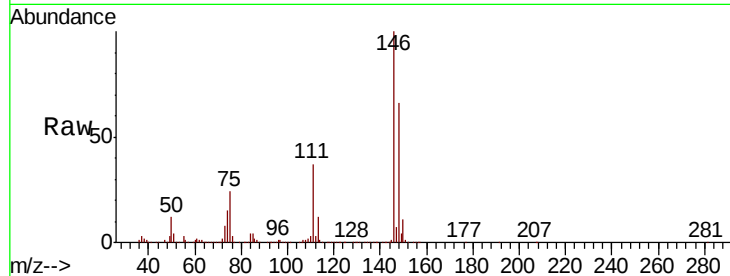




#91
 1,2-Dichlorobenzene
 Concen: 50.104 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

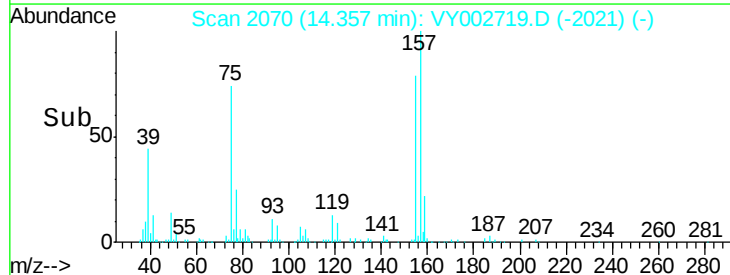
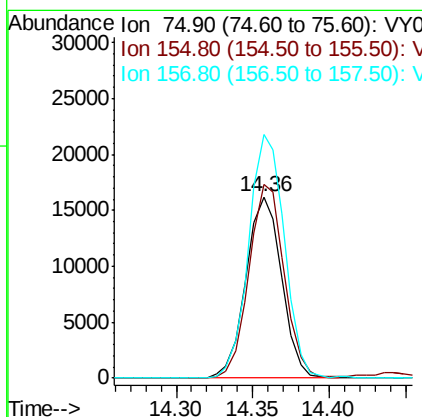
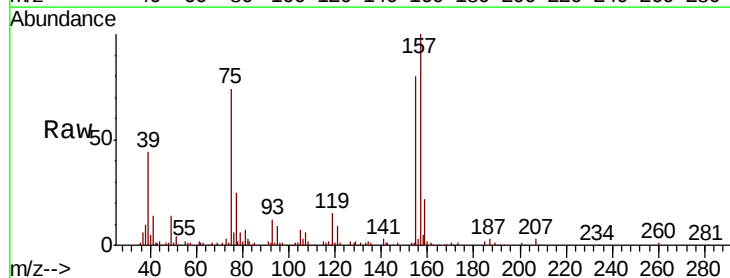
Instrument :
 MSVOA_Y
 ClientSampleId :

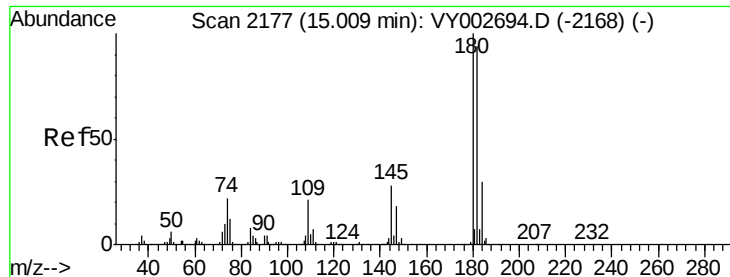
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.1
148	64.8	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.078 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.3	53.5	160.7
157	134.2	67.9	203.7

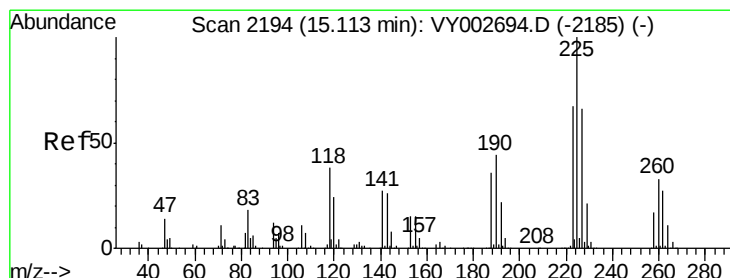
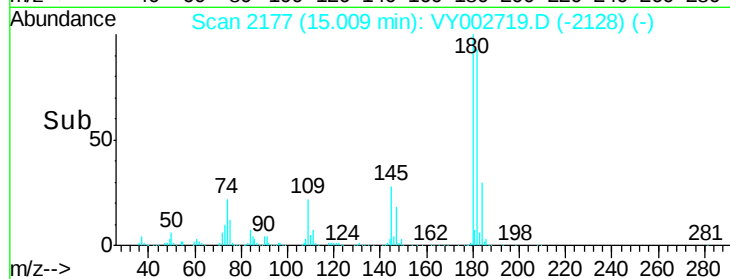
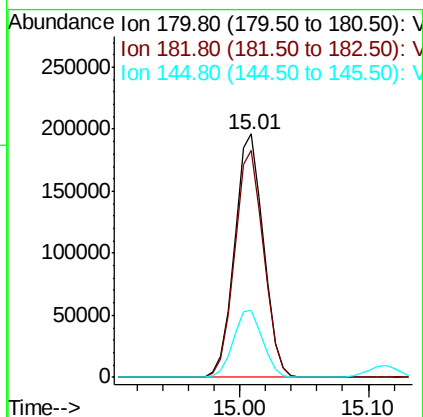
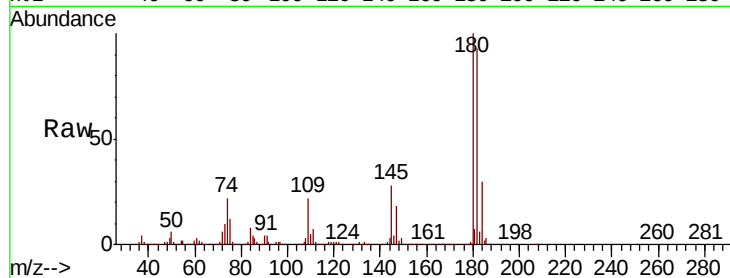




#93
 1,2,4-Trichlorobenzene
 Concen: 51.530 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

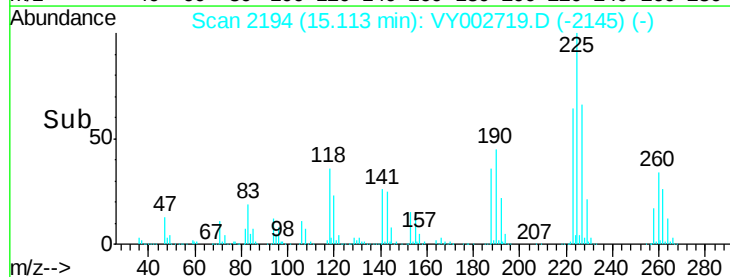
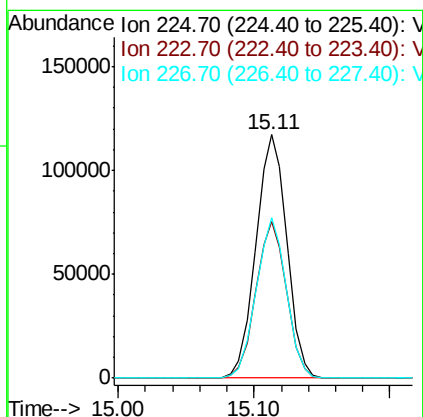
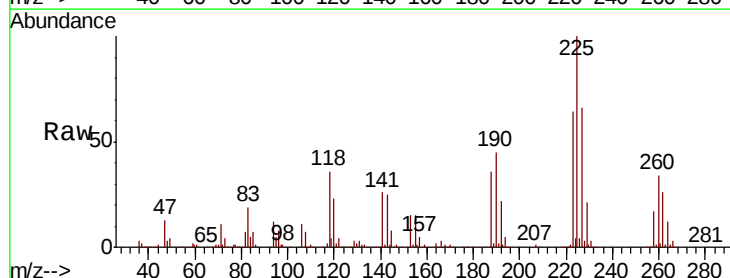
Instrument :
 MSVOA_Y
 ClientSampleId :

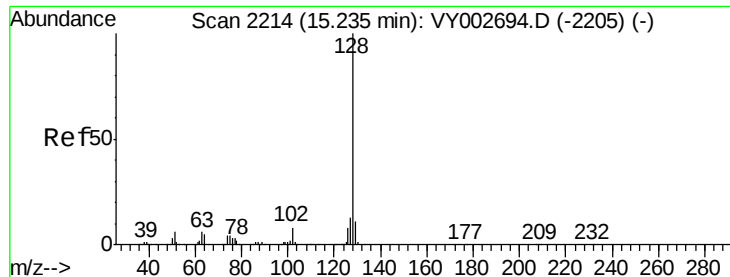
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.3	142.0
145	28.4	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 53.288 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002719.D
 Acq: 20 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.6	94.8
227	64.0	32.2	96.6

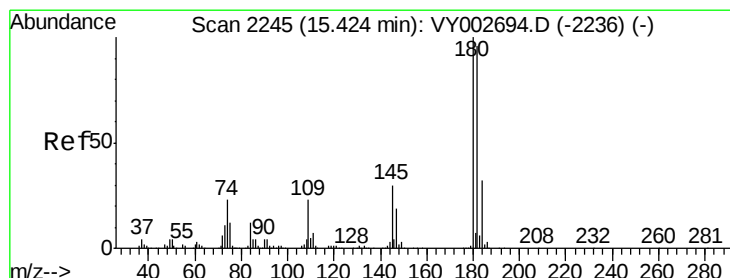
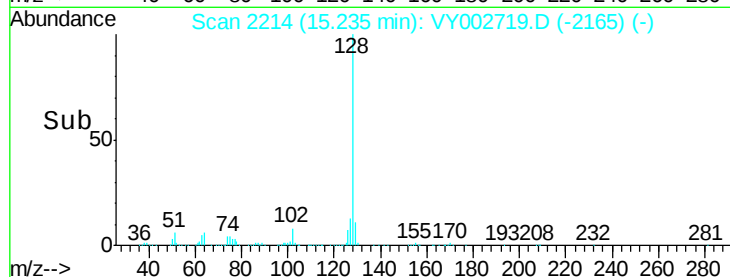
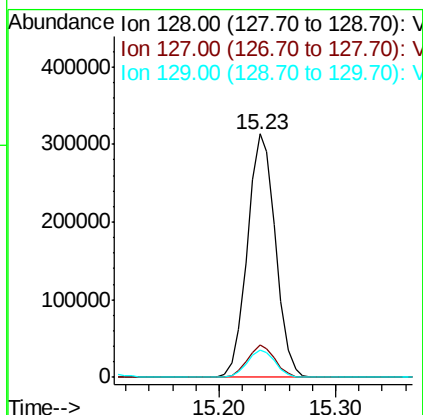
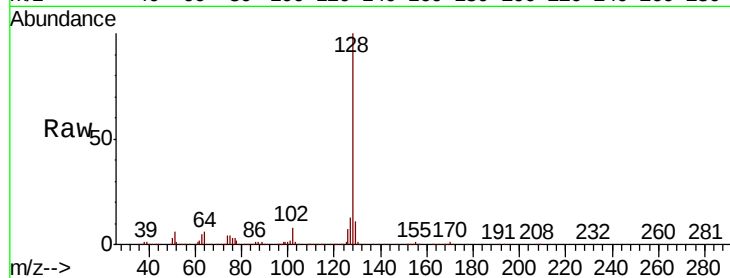




#95
Naphthalene
Concen: 46.449 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 525267
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.790 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002719.D
Acq: 20 May 2020 10:07

Tgt Ion:180 Resp: 250880
Ion Ratio Lower Upper
180 100
182 95.9 47.6 142.9
145 30.6 15.1 45.3

