

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002735.D
 Acq On : 21 May 2020 12:14
 Operator : SY/MD
 Sample : VY0521SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 21 13:29:33 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	398923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	590278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	540341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	282027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	159916	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.72	113	169258	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	10.18	98	671610	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.48	95	229764	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	52612	18.405	ug/l	96
3) Chloromethane	2.12	50	62613	19.126	ug/l	97
4) Vinyl Chloride	2.26	62	67577	19.809	ug/l	98
5) Bromomethane	2.64	94	48420	19.150	ug/l	100
6) Chloroethane	2.79	64	42778	19.610	ug/l	98
7) Trichlorofluoromethane	3.13	101	114440	19.906	ug/l	98
8) Diethyl Ether	3.54	74	41183	21.058	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	70143	20.128	ug/l	99
10) Methyl Iodide	4.10	142	94691	19.740	ug/l	100
11) Tert butyl alcohol	4.97	59	35208	111.102	ug/l	99
12) 1,1-Dichloroethene	3.88	96	70257	20.078	ug/l	99
13) Acrolein	3.74	56	35216	94.746	ug/l	97
14) Allyl chloride	4.49	41	104714	20.845	ug/l	98
15) Acrylonitrile	5.18	53	94679	106.918	ug/l	99
16) Acetone	3.96	43	66539	103.440	ug/l	98
17) Carbon Disulfide	4.20	76	218247	19.884	ug/l	99
18) Methyl Acetate	4.48	43	41202	22.465	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	185720	21.398	ug/l	99
20) Methylene Chloride	4.72	84	80903	20.806	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	78636	20.210	ug/l	98
22) Diisopropyl ether	6.13	45	212755	21.347	ug/l	98
23) Vinyl Acetate	6.07	43	682385	106.926	ug/l	99
24) 1,1-Dichloroethane	6.03	63	123499	20.737	ug/l	100
25) 2-Butanone	7.00	43	117187	110.107	ug/l	95
26) 2,2-Dichloropropane	6.99	77	112902	20.375	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	85819	20.412	ug/l	98
28) Bromochloromethane	7.34	49	52376	22.231	ug/l	99
29) Tetrahydrofuran	7.35	42	80219	110.778	ug/l	98
30) Chloroform	7.52	83	126320	20.437	ug/l	99
31) Cyclohexane	7.79	56	121313	20.084	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	115098	20.153	ug/l	100
36) 1,1-Dichloropropene	7.93	75	102251	20.462	ug/l	99
37) Ethyl Acetate	7.08	43	52902	21.525	ug/l	99
38) Carbon Tetrachloride	7.91	117	107462	20.009	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	131779	19.613	ug/l	96
40) Benzene	8.16	78	295547	20.270	ug/l	98
41) Methacrylonitrile	7.36	41	72077	48.812	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	79695	20.724	ug/l	98
43) Isopropyl Acetate	8.28	43	101355	22.190	ug/l	99
44) Trichloroethene	8.94	130	96180	20.695	ug/l	100
45) 1,2-Dichloropropane	9.22	63	71739	20.731	ug/l	95
46) Dibromomethane	9.31	93	40086	20.619	ug/l	98
47) Bromodichloromethane	9.50	83	98499	20.759	ug/l	97
48) Methyl methacrylate	9.30	41	44774	21.290	ug/l	99
49) 1,4-Dioxane	9.30	88	11810	446.021	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	262633	111.368	ug/l	99
52) Toluene	10.24	92	190904	20.233	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	103762	20.489	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	121760	20.739	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	62387	21.554	ug/l	97
56) Ethyl methacrylate	10.51	69	82906	21.516	ug/l	100
57) 1,3-Dichloropropane	10.79	76	102522	21.137	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	199821	105.044	ug/l	99
59) 2-Hexanone	10.83	43	182358	110.992	ug/l	100
60) Dibromochloromethane	10.99	129	76534	20.698	ug/l	98
61) 1,2-Dibromoethane	11.09	107	60001	21.041	ug/l	100
64) Tetrachloroethene	10.72	164	104174	20.307	ug/l	98
65) Chlorobenzene	11.52	112	211545	20.260	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	79241	20.448	ug/l	98
67) Ethyl Benzene	11.59	91	373005	20.346	ug/l	99
68) m/p-Xylenes	11.70	106	288160	40.401	ug/l	100
69) o-Xylene	12.03	106	137589	20.553	ug/l	98
70) Styrene	12.05	104	232170	20.200	ug/l	99
71) Bromoform	12.20	173	51259	21.399	ug/l #	99
73) Isopropylbenzene	12.33	105	374808	20.339	ug/l	100
74) N-amyl acetate	12.14	43	93619	21.649	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	58178	21.439	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	92490	39.922	ug/l #	100
77) Bromobenzene	12.61	156	94268	20.461	ug/l	99
78) n-propylbenzene	12.67	91	433325	20.213	ug/l	100
79) 2-Chlorotoluene	12.75	91	240727	20.246	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	311653	20.127	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	26349	21.509	ug/l #	78
82) 4-Chlorotoluene	12.85	91	251519	20.195	ug/l	99
83) tert-Butylbenzene	13.08	119	275655	20.115	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	312155	20.172	ug/l	99
85) sec-Butylbenzene	13.25	105	382187	20.211	ug/l	99
86) p-Isopropyltoluene	13.37	119	355552	20.087	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	180375	20.306	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	180629	20.424	ug/l	99
89) n-Butylbenzene	13.70	91	325696	20.037	ug/l	100
90) Hexachloroethane	13.96	117	65050	19.842	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	162307	20.373	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11298	21.710	ug/l	97

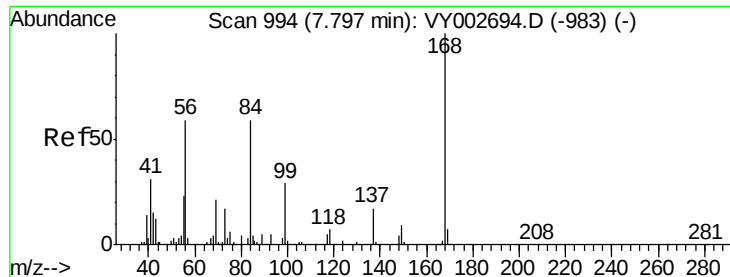
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
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Quant Title : SW846 8260
QLast Update : Sat May 16 04:52:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	123421	19.552	ug/l	99
94) Hexachlorobutadiene	15.11	225	70462	18.226	ug/l	100
95) Naphthalene	15.23	128	226417	20.636	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	105732	19.570	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

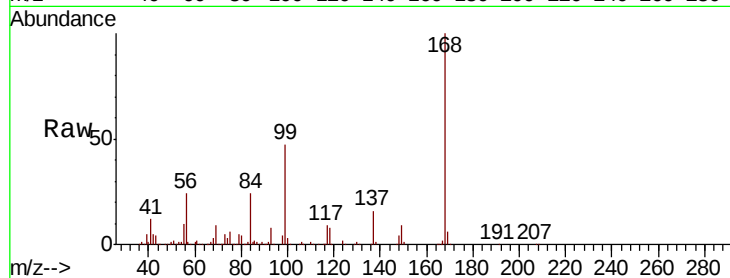
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 398923

Ion Ratio Lower Upper

168 100

99 47.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002735.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002735.D (-945) (-)

7.80

200000

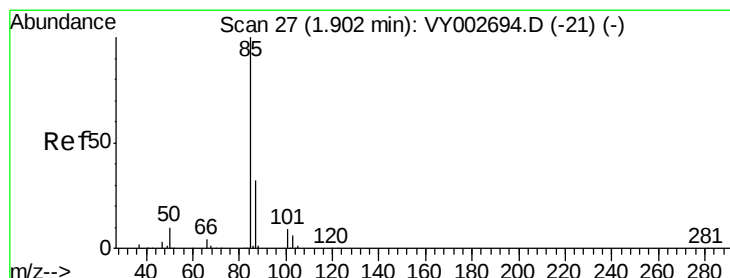
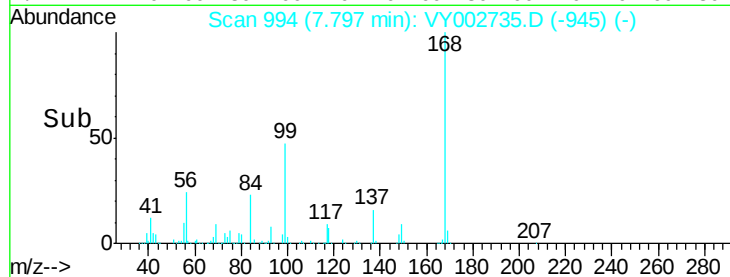
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.405 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002735.D

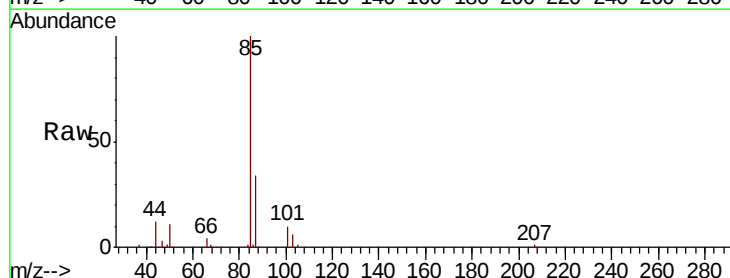
Acq: 21 May 2020 12:14

Tgt Ion: 85 Resp: 52612

Ion Ratio Lower Upper

85 100

87 33.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002735.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002735.D (-1) (-)

1.90

40000

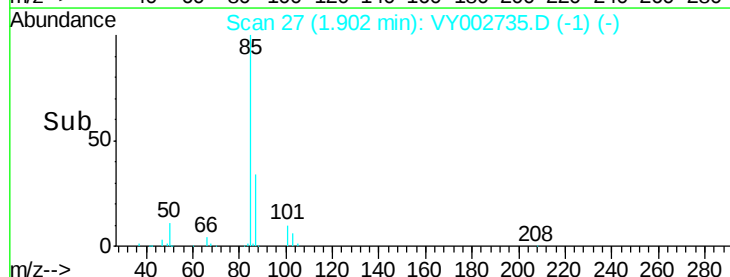
30000

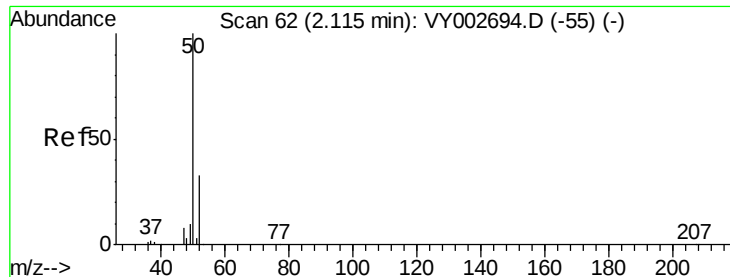
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.126 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

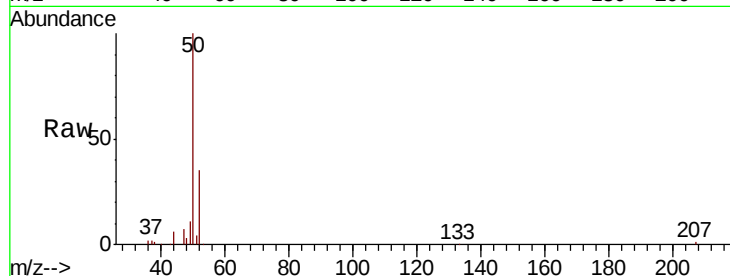
ClientSampleId :

Tot Ion: 50 Resp: 62613

Ion Ratio Lower Upper

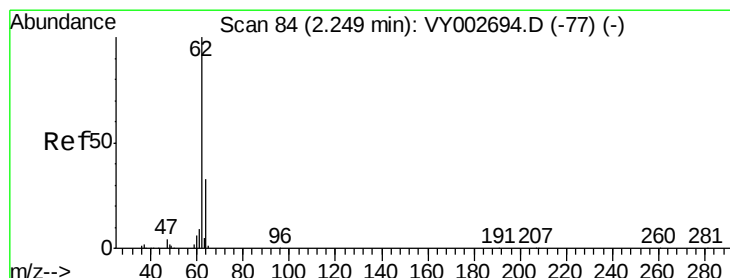
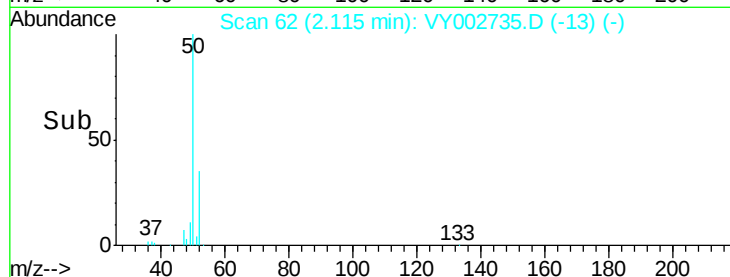
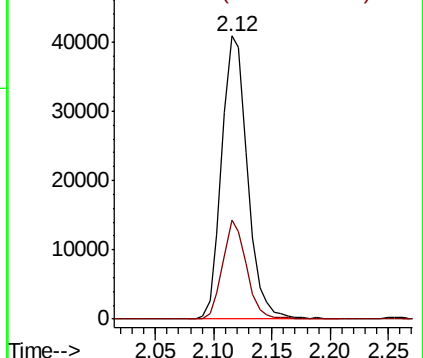
50 100

52 34.8 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.809 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY002735.D

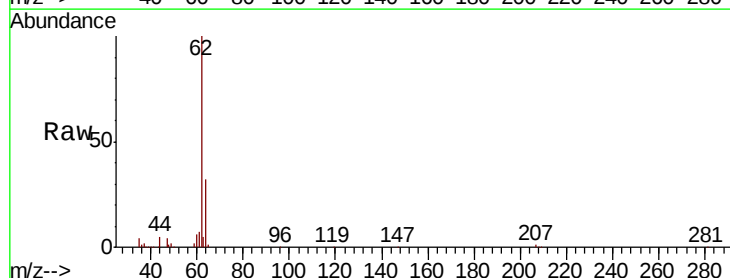
Acq: 21 May 2020 12:14

Tgt Ion: 62 Resp: 67577

Ion Ratio Lower Upper

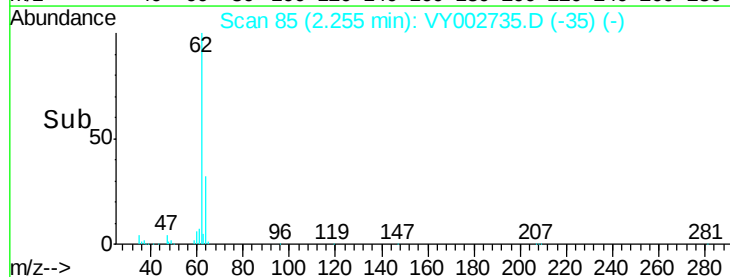
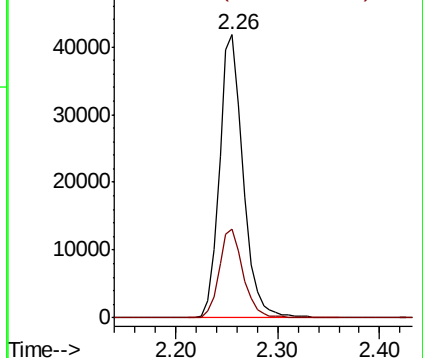
62 100

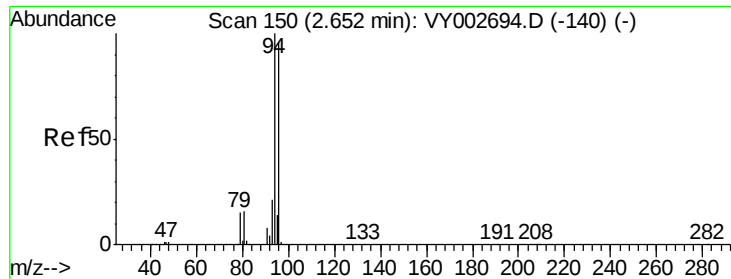
64 31.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.150 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

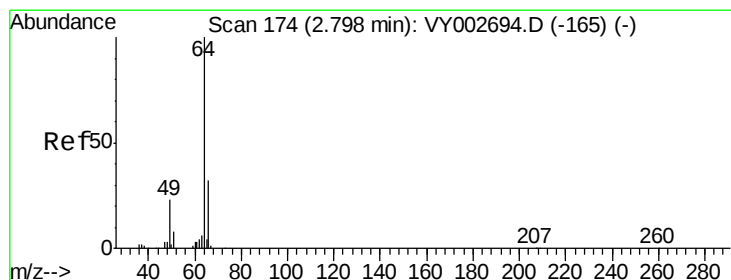
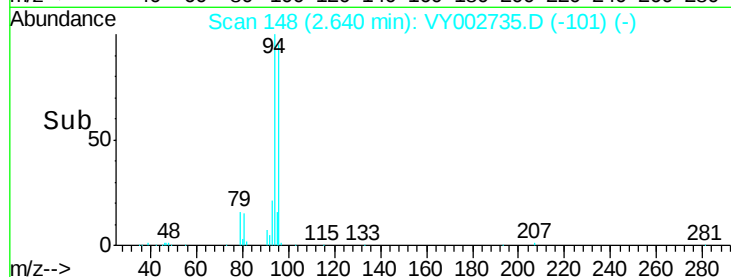
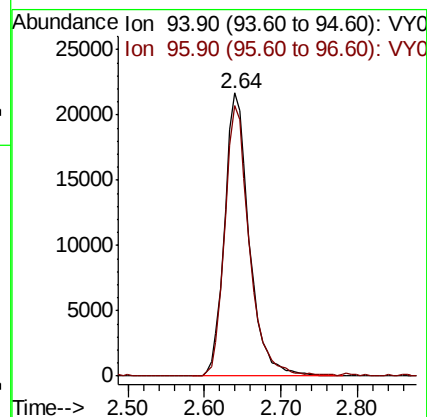
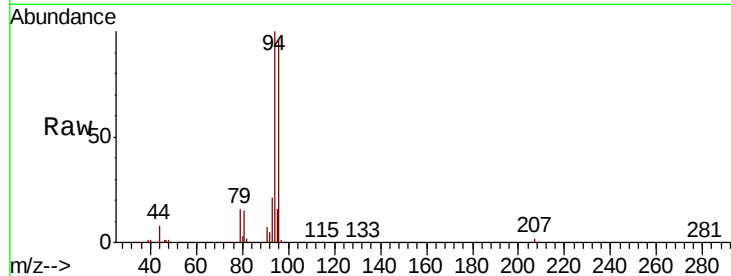
ClientSampleId :

Tot Ion: 94 Resp: 48420

Ion Ratio Lower Upper

94 100

96 95.6 76.8 115.2



#6

Chloroethane

Concen: 19.610 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002735.D

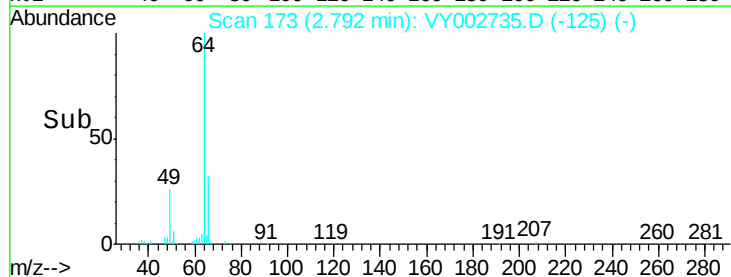
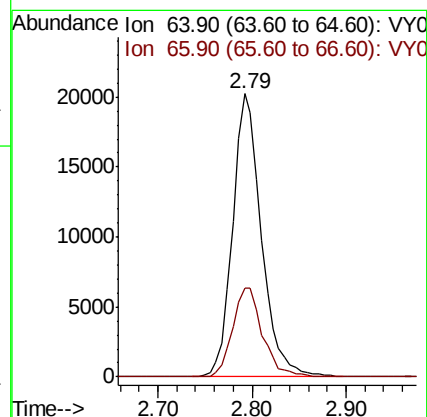
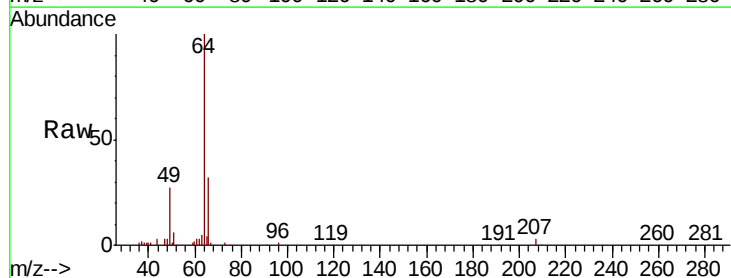
Acq: 21 May 2020 12:14

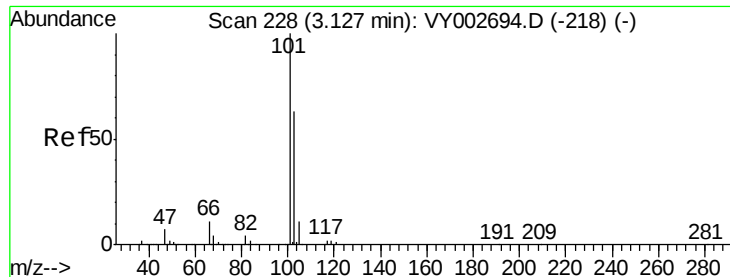
Tgt Ion: 64 Resp: 42778

Ion Ratio Lower Upper

64 100

66 31.5 25.9 38.9



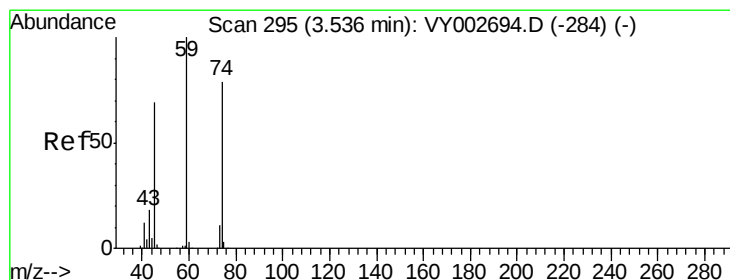
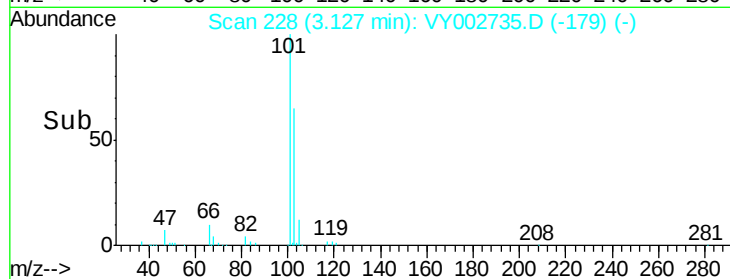
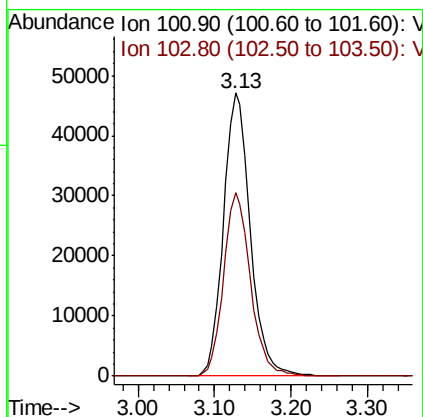
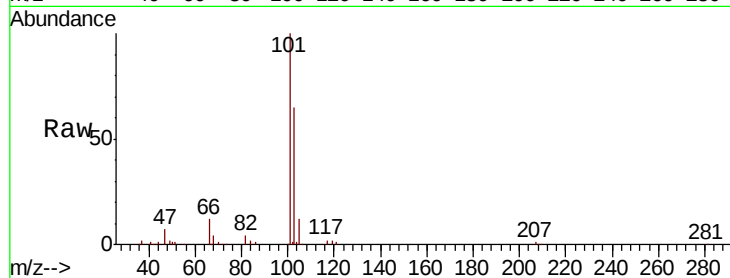


#7

Trichlorofluoromethane
 Concen: 19.906 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002735.D
 Acq: 21 May 2020 12:14

Instrument :
 MSVOA_Y
 ClientSampled :

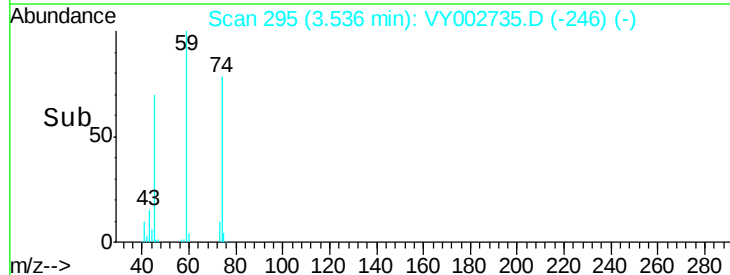
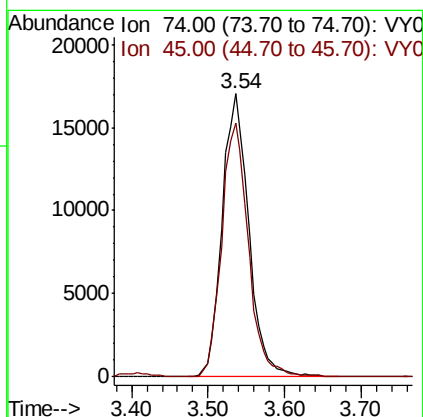
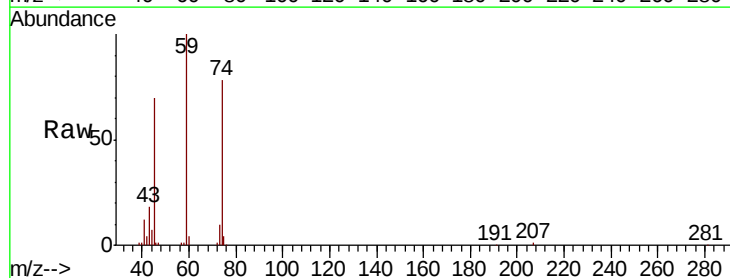
Tot Ion:101 Resp: 114440
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.6 75.8

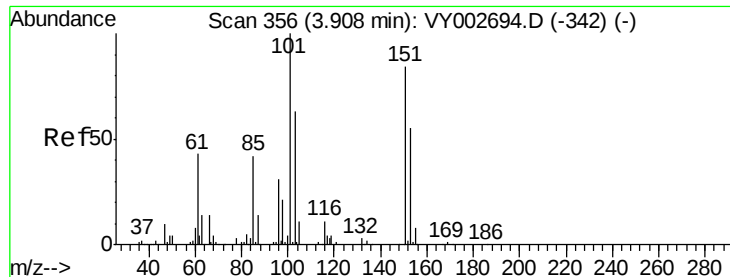


#8

Diethyl Ether
 Concen: 21.058 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002735.D
 Acq: 21 May 2020 12:14

Tgt Ion: 74 Resp: 41183
 Ion Ratio Lower Upper
 74 100
 45 89.9 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.128 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

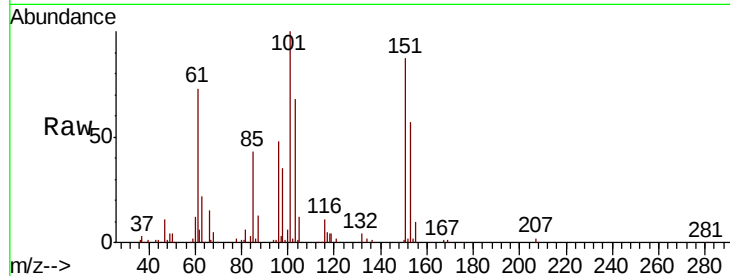
Tot Ion:101 Resp: 70143

Ion Ratio Lower Upper

101 100

85 41.0 33.5 50.3

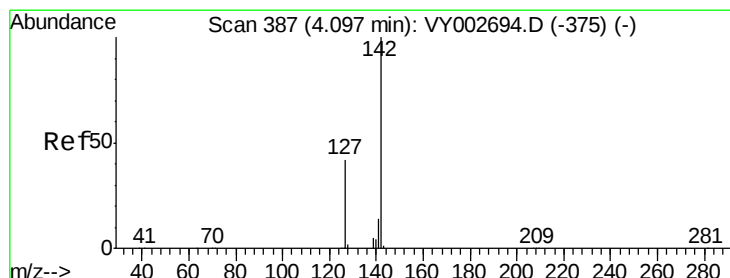
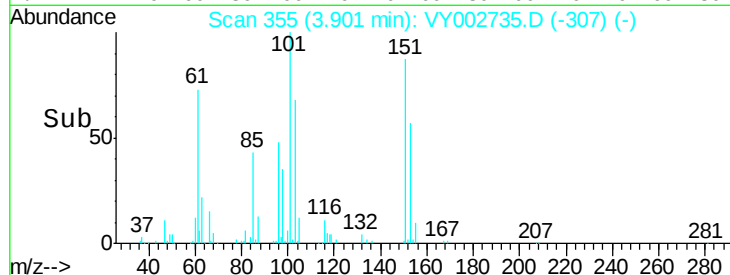
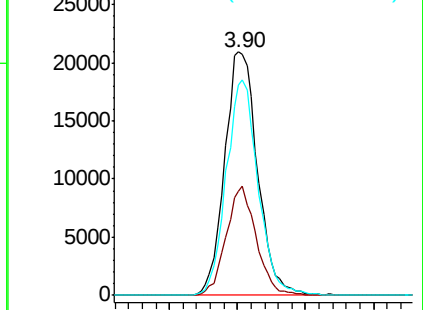
151 85.7 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.740 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

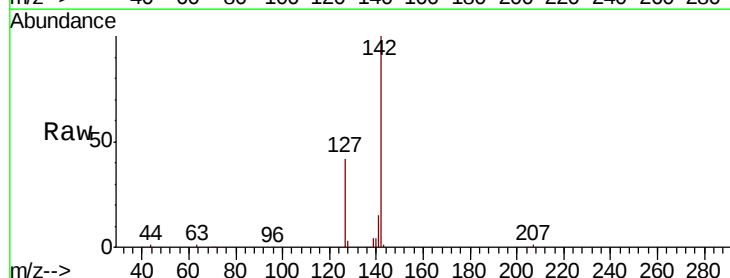
Tgt Ion:142 Resp: 94691

Ion Ratio Lower Upper

142 100

127 40.9 32.8 49.2

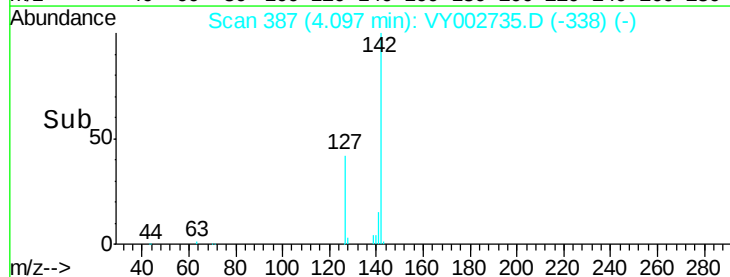
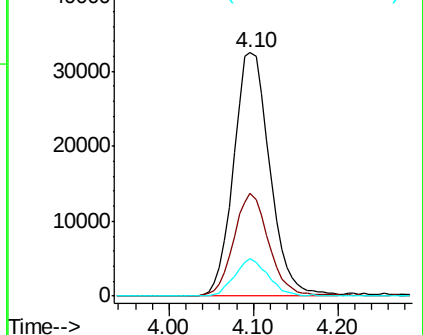
141 14.3 11.3 16.9

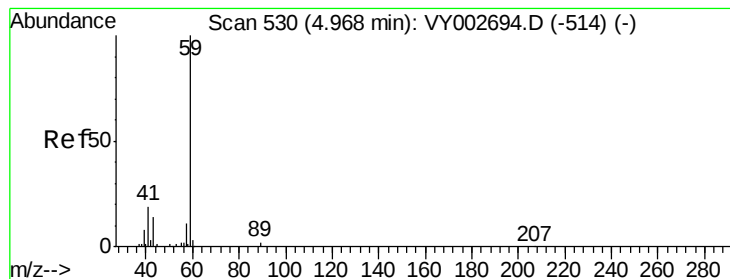


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



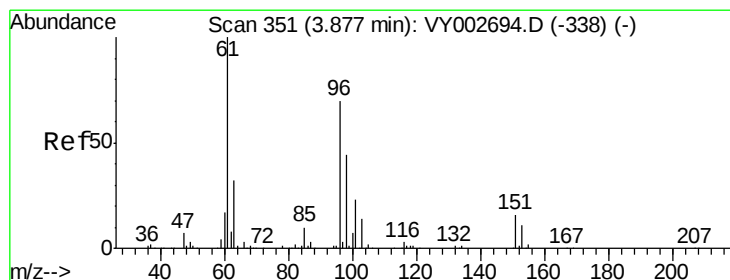
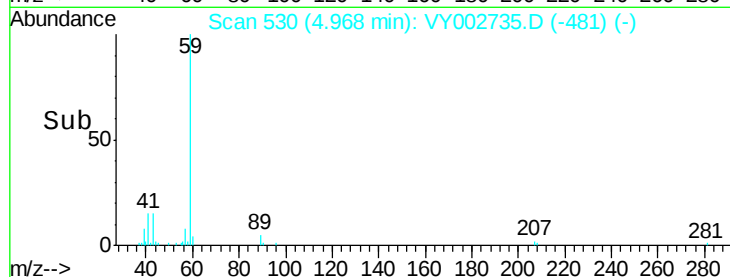
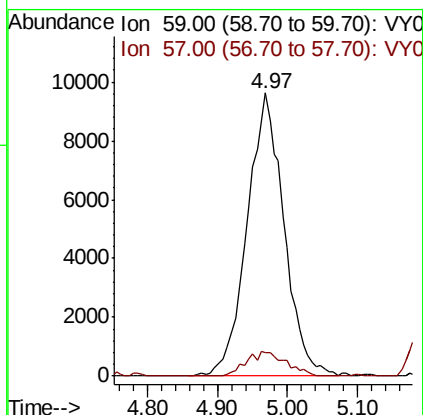
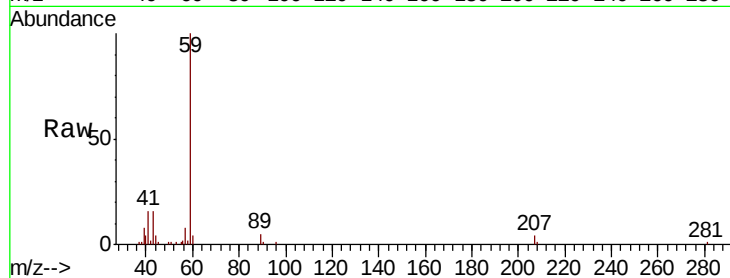


#11

Tert butyl alcohol
 Concen: 111.102 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002735.D
 Acq: 21 May 2020 12:14

Instrument :
 MSVOA_Y
 ClientSampled :

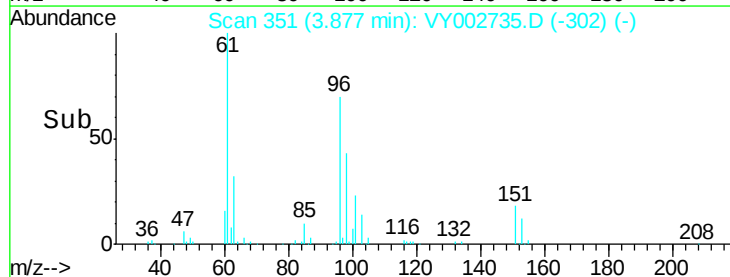
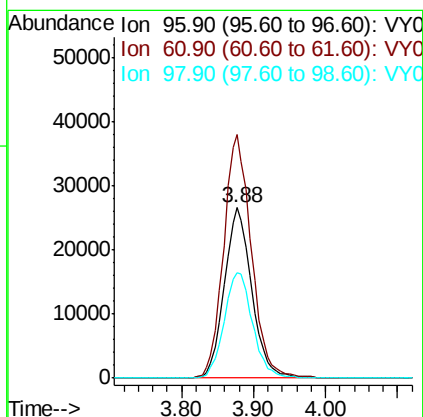
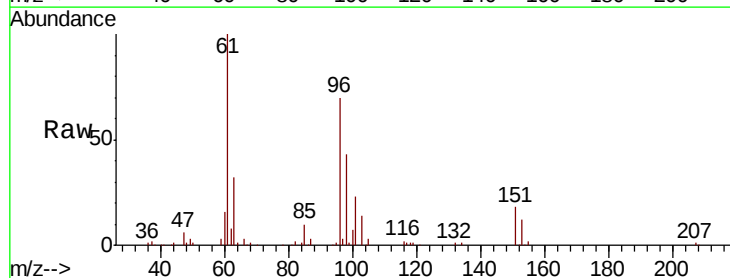
Tot Ion: 59 Resp: 35208
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.7 11.5

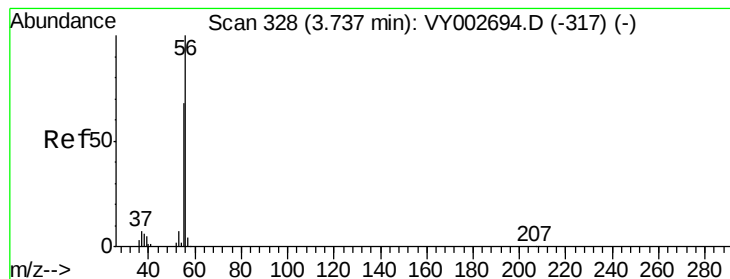


#12

1,1-Dichloroethene
 Concen: 20.078 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002735.D
 Acq: 21 May 2020 12:14

Tgt Ion: 96 Resp: 70257
 Ion Ratio Lower Upper
 96 100
 61 142.7 113.8 170.8
 98 62.0 50.4 75.6





#13

Acrolein

Concen: 94.746 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

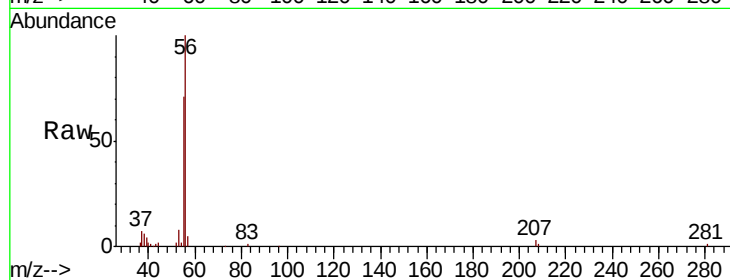
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 35216

Ion Ratio Lower Upper

56 100

55 71.1 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

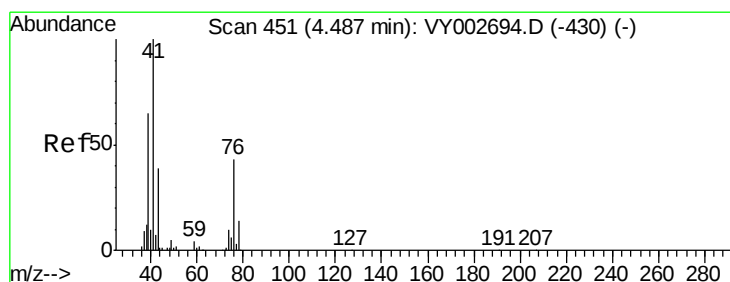
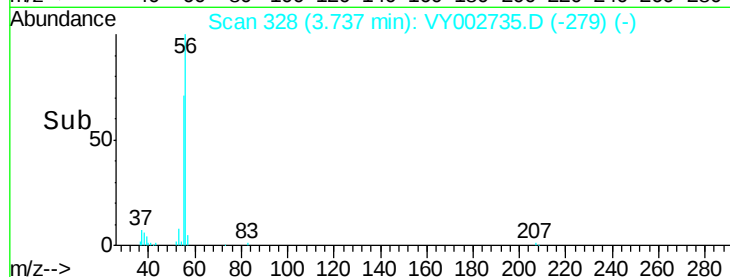
15000

10000

5000

0

Time--> 3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 20.845 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

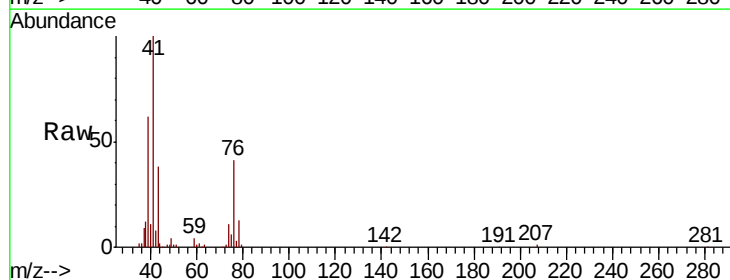
Tgt Ion: 41 Resp: 104714

Ion Ratio Lower Upper

41 100

39 60.3 50.3 75.5

76 41.0 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

40000

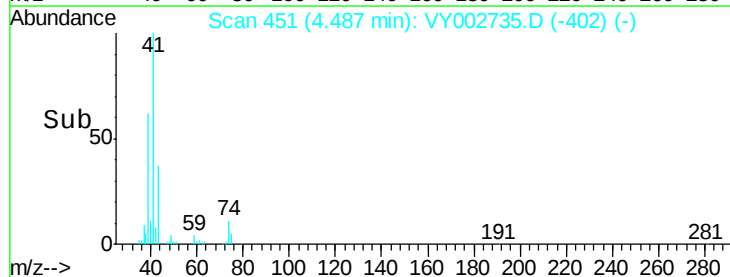
30000

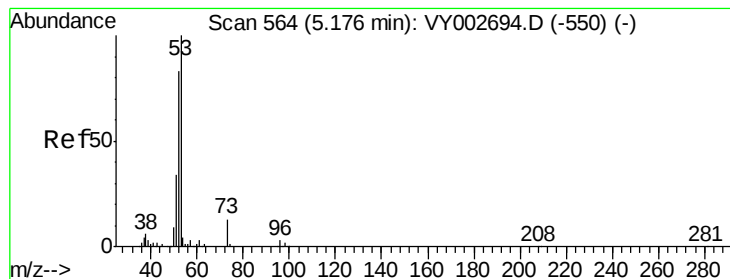
20000

10000

0

Time--> 4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 106.918 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

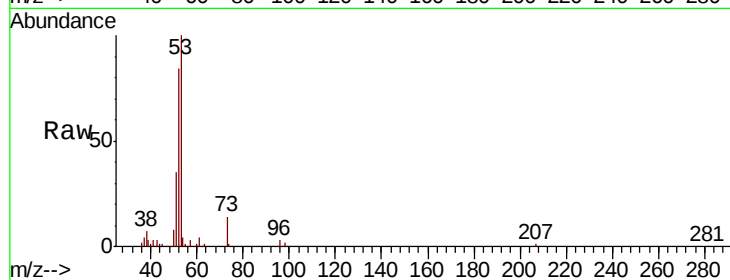
Tot Ion: 53 Resp: 94679

Ion Ratio Lower Upper

53 100

52 82.6 65.0 97.6

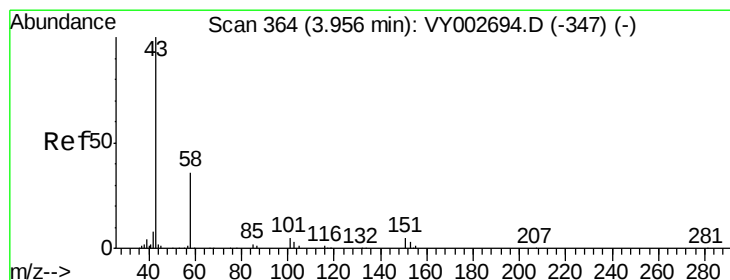
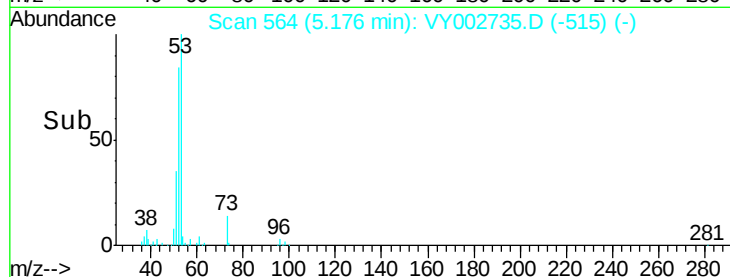
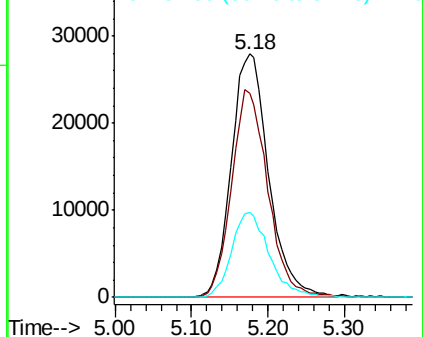
51 35.4 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY002735.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY002735.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY002735.D (-515) (-)



#16

Acetone

Concen: 103.440 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002735.D

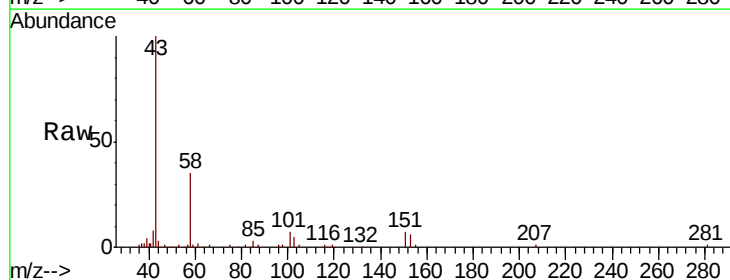
Acq: 21 May 2020 12:14

Tgt Ion: 43 Resp: 66539

Ion Ratio Lower Upper

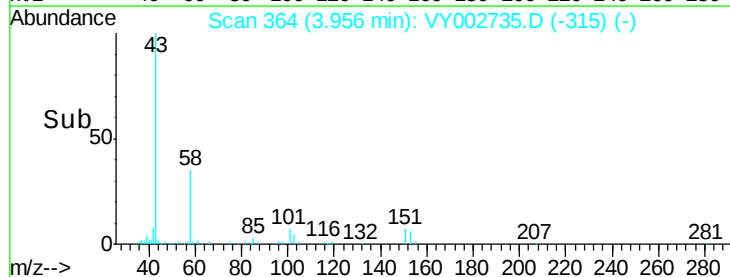
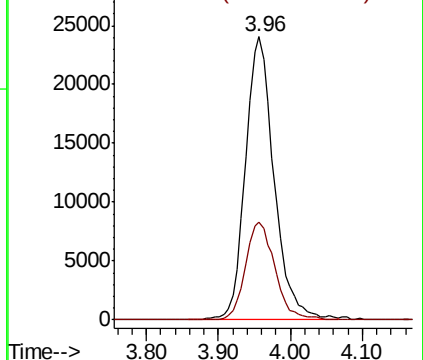
43 100

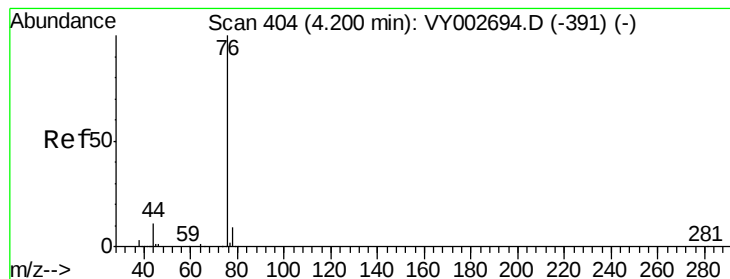
58 34.7 28.6 43.0



Abundance Ion 43.00 (42.70 to 43.70): VY002735.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002735.D (-315) (-)





#17

Carbon Disulfide

Concen: 19.884 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

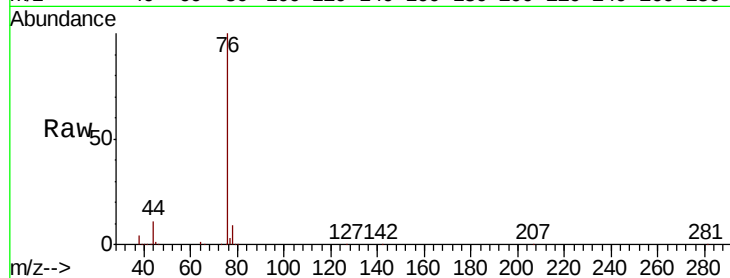
ClientSampleId :

Tot Ion: 76 Resp: 218247

Ion Ratio Lower Upper

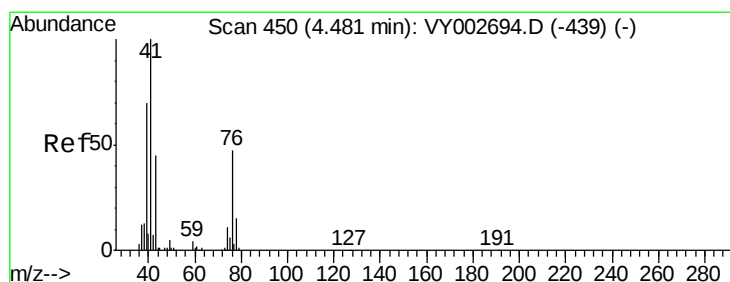
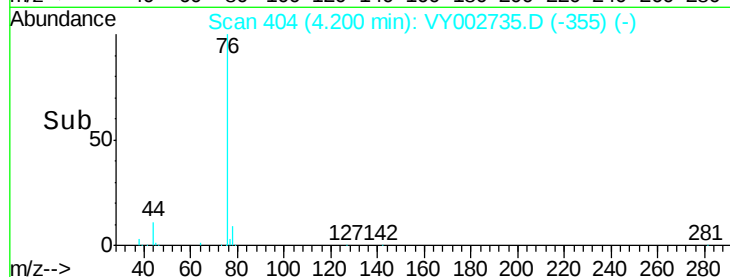
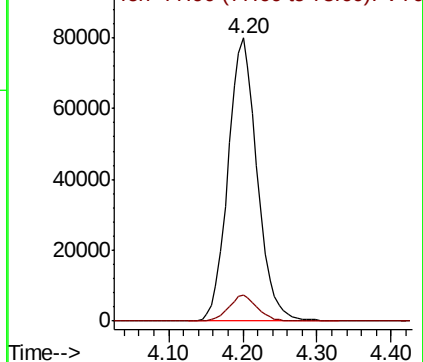
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 22.465 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY002735.D

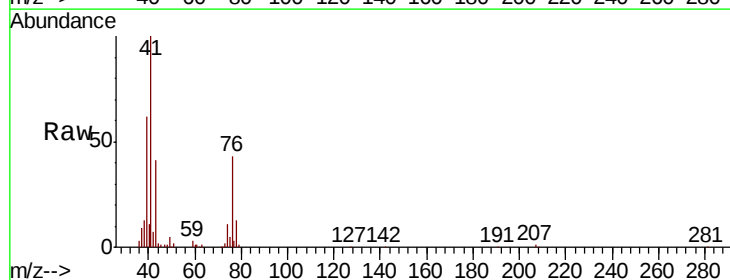
Acq: 21 May 2020 12:14

Tgt Ion: 43 Resp: 41202

Ion Ratio Lower Upper

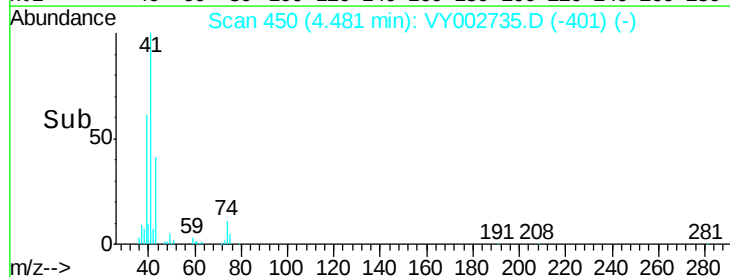
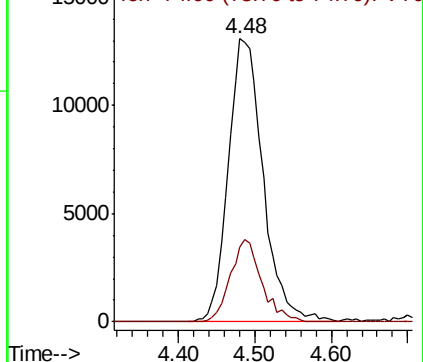
43 100

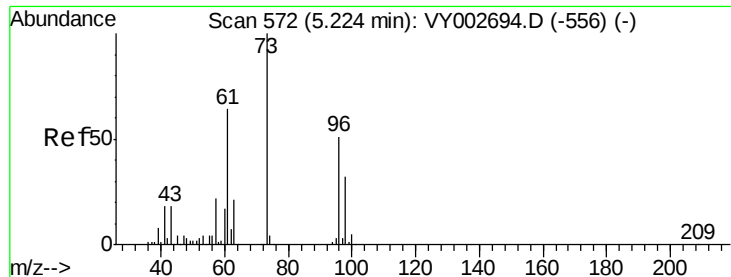
74 26.1 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

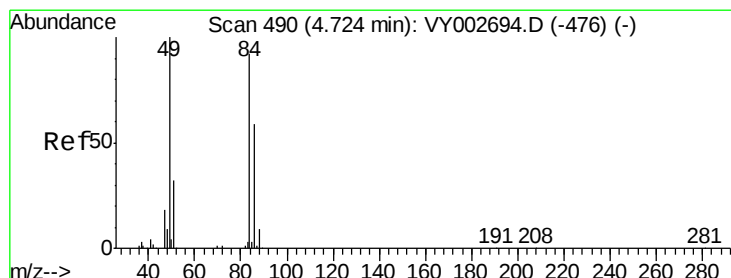
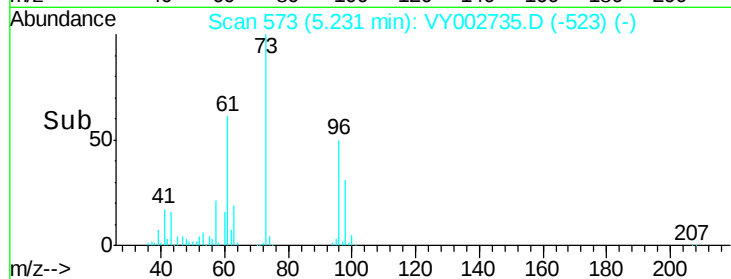
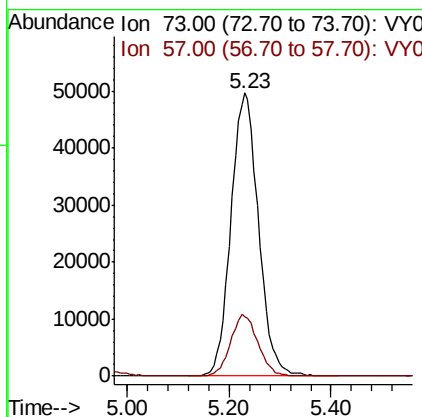
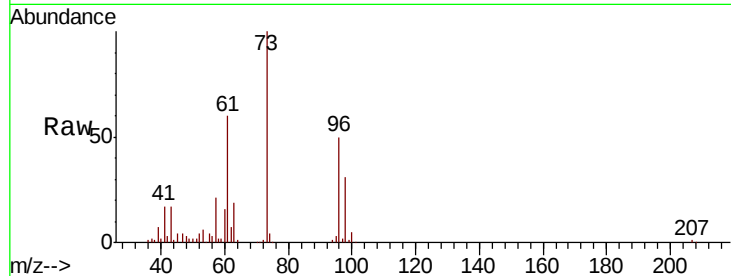




#19
Methvl tert-butvl Ether
Concen: 21.398 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

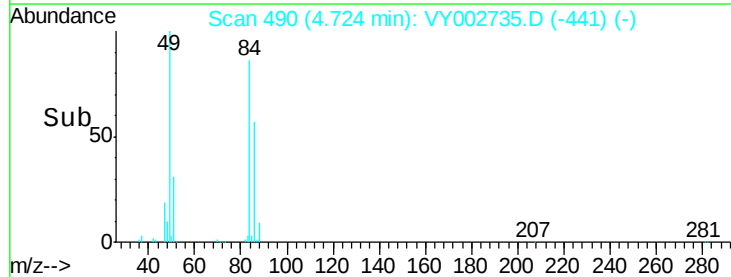
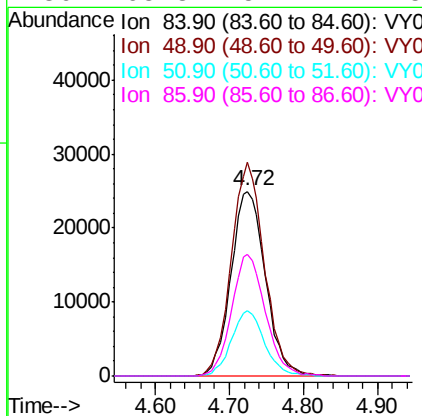
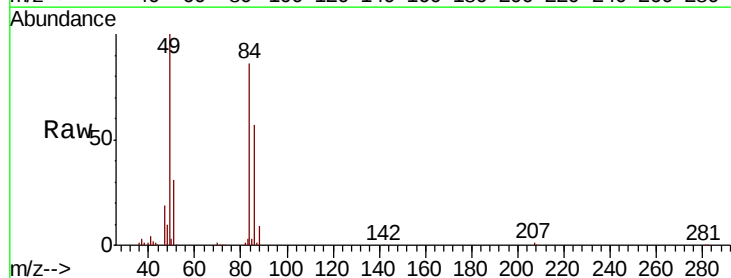
Instrument :
MSVOA_Y
ClientSampled :

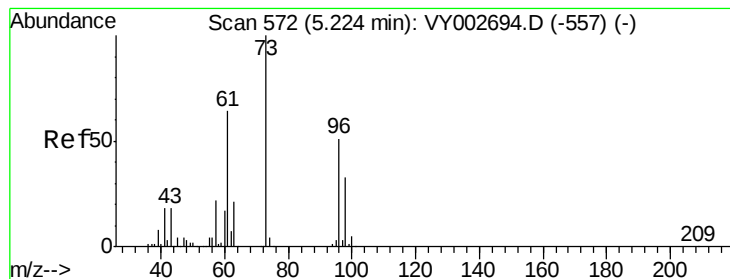
Tot Ion: 73 Resp: 185720
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 20.806 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Tgt Ion: 84 Resp: 80903
Ion Ratio Lower Upper
84 100
49 115.9 87.4 131.0
51 35.6 27.9 41.9
86 65.8 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 20.210 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :
MSVOA_Y
ClientSampled :

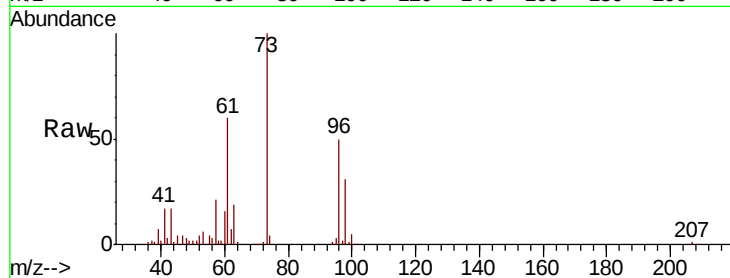
Tot Ion: 96 Resp: 78636

Ion Ratio Lower Upper

96 100

61 121.9 99.6 149.4

98 63.3 50.6 76.0

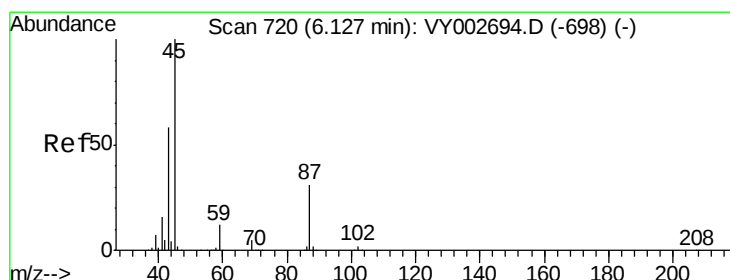
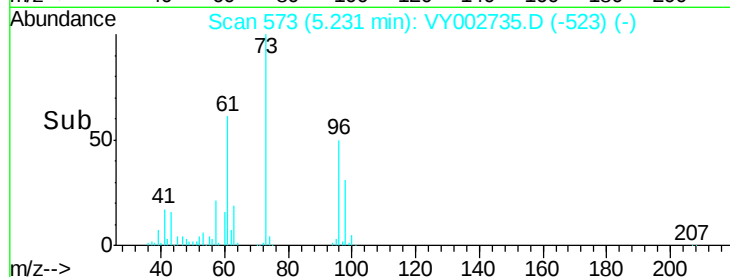
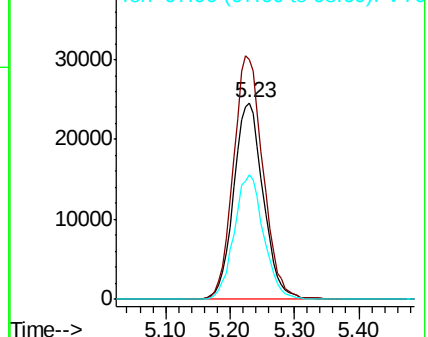


Abundance

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: 21.347 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Tgt Ion: 45 Resp: 212755

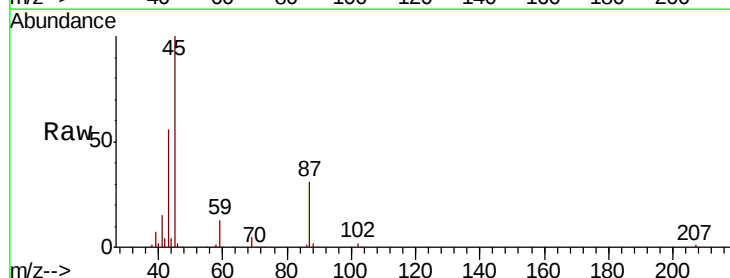
Ion Ratio Lower Upper

45 100

43 55.6 46.1 69.1

87 30.7 24.9 37.3

59 12.8 9.8 14.8



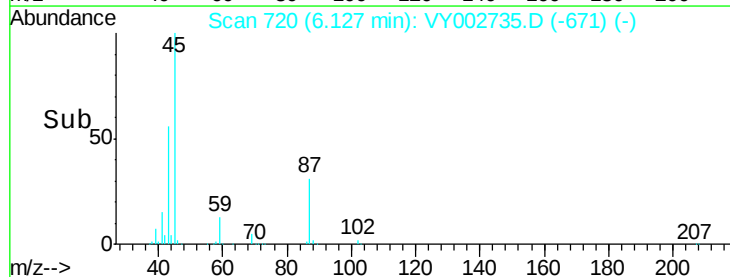
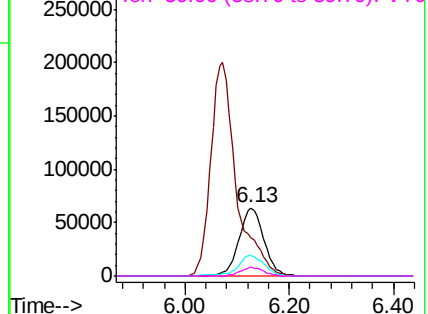
Abundance

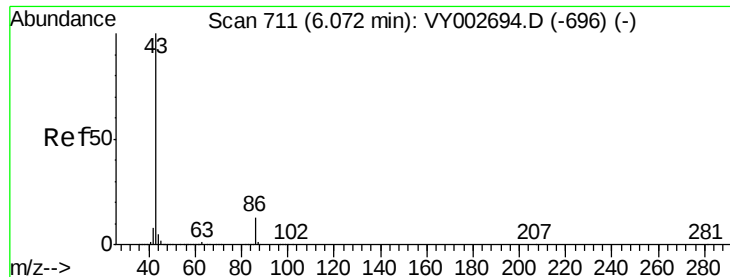
Ion 45.00 (44.70 to 45.70): VY0

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: 106.926 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

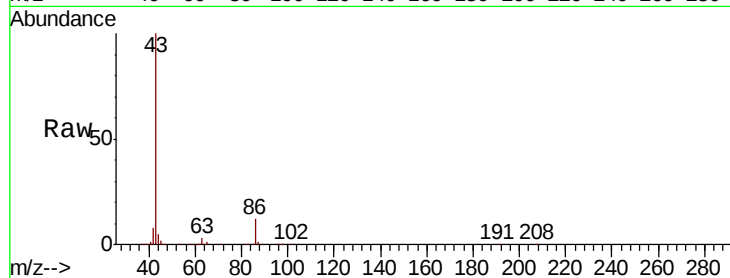
ClientSampleId :

Tot Ion: 43 Resp: 682385

Ion Ratio Lower Upper

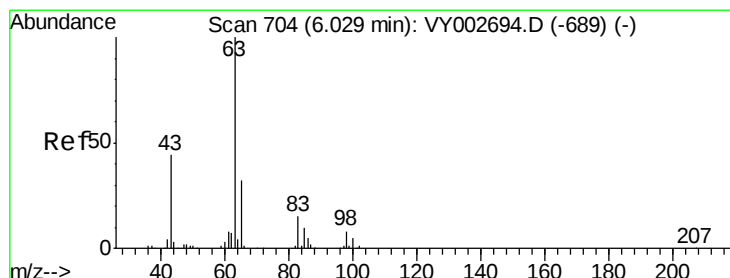
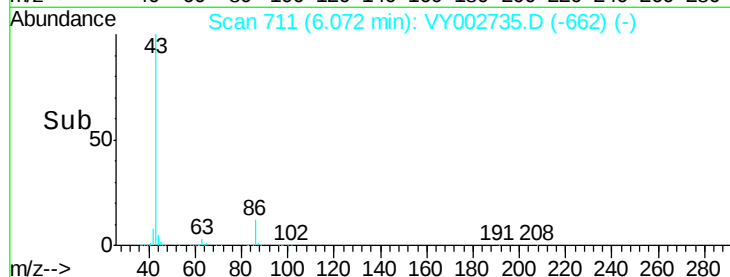
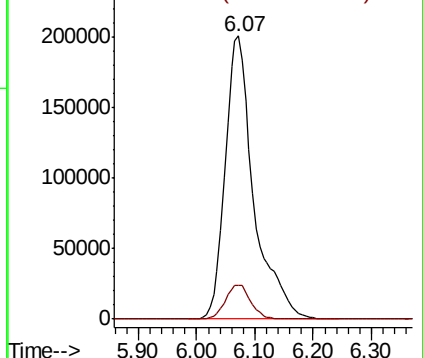
43 100

86 12.1 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.737 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

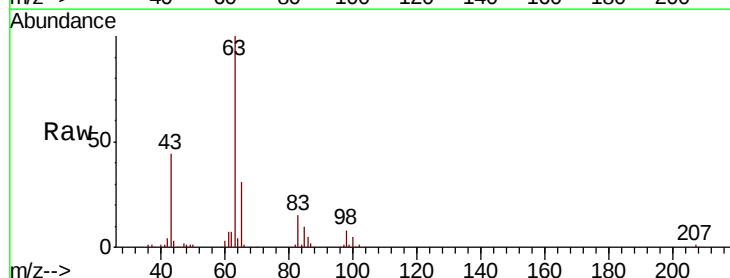
Tgt Ion: 63 Resp: 123499

Ion Ratio Lower Upper

63 100

98 8.0 4.0 11.9

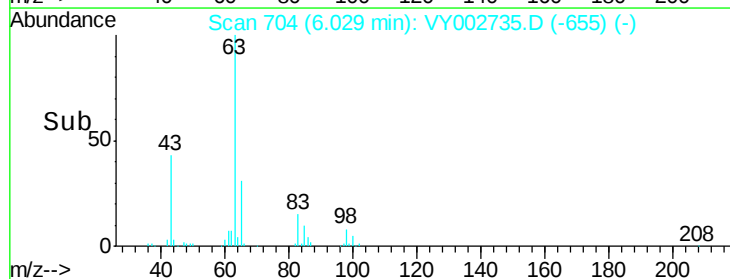
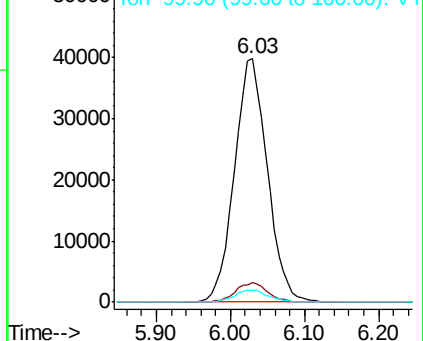
100 4.9 2.5 7.6

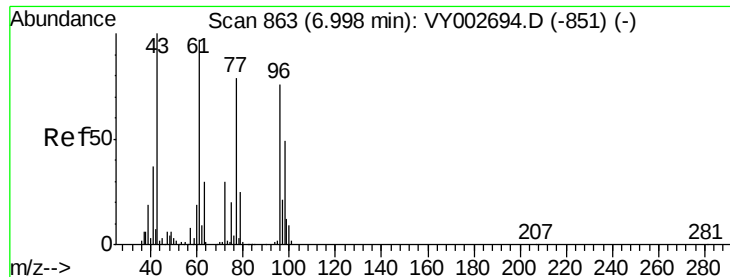


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

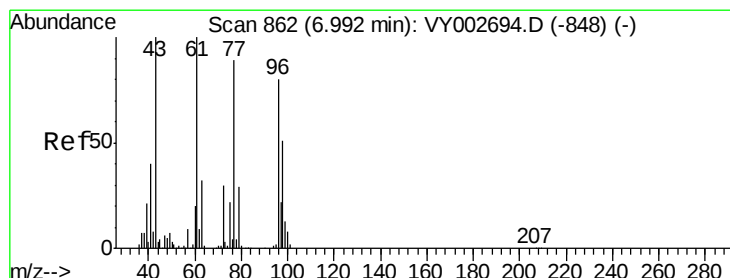
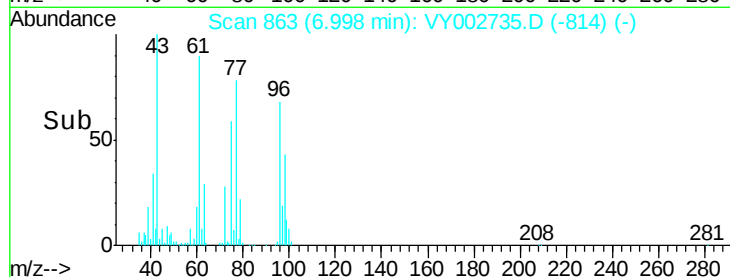
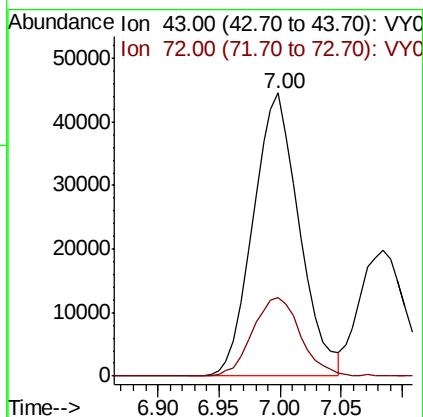
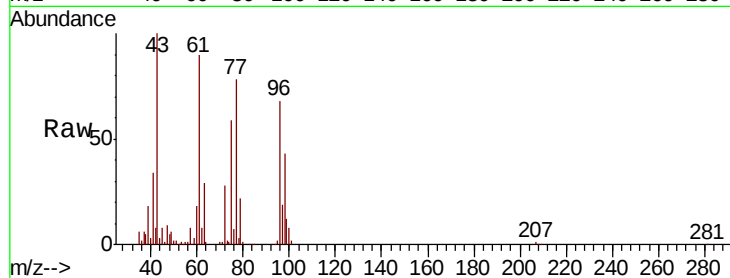




#25
2-Butanone
Concen: 110.107 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

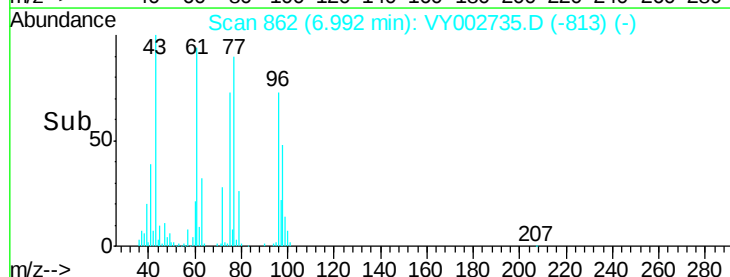
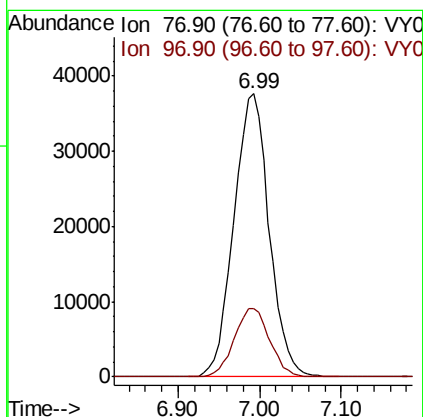
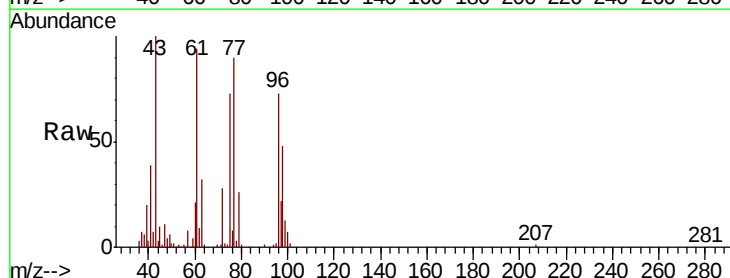
Instrument :
MSVOA_Y
ClientSampled :

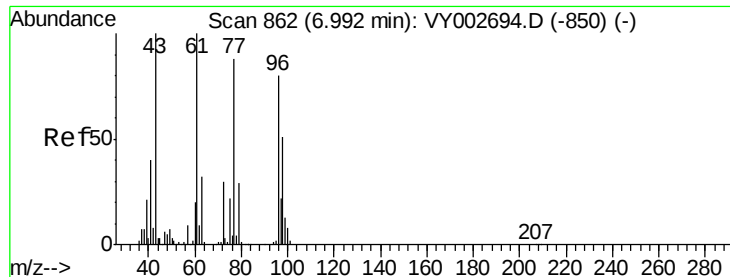
Tot Ion: 43 Resp: 117187
Ion Ratio Lower Upper
43 100
72 27.6 24.1 36.1



#26
2,2-Dichloropropane
Concen: 20.375 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Tgt Ion: 77 Resp: 112902
Ion Ratio Lower Upper
77 100
97 24.1 12.3 36.9



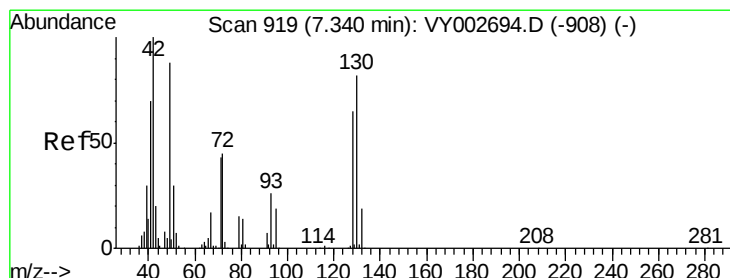
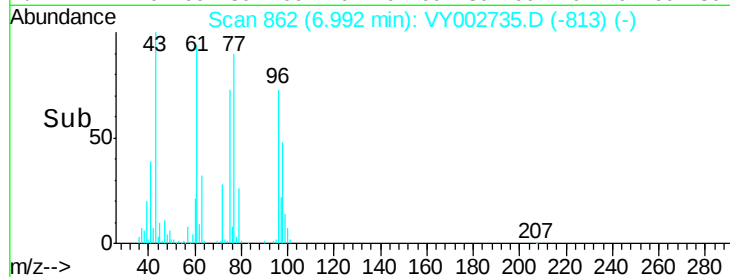
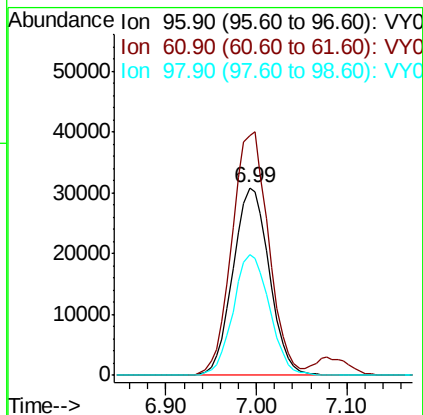
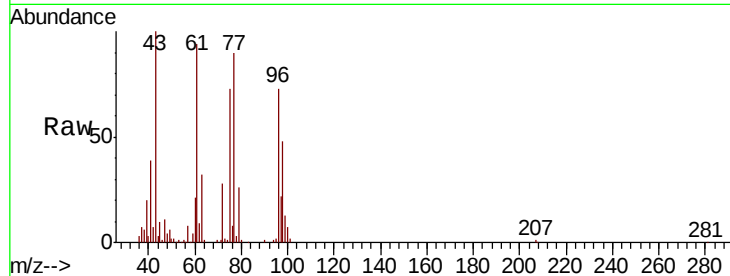


#27

cis-1,2-Dichloroethene
Concen: 20.412 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Instrument :
MSVOA_Y
ClientSampleId :

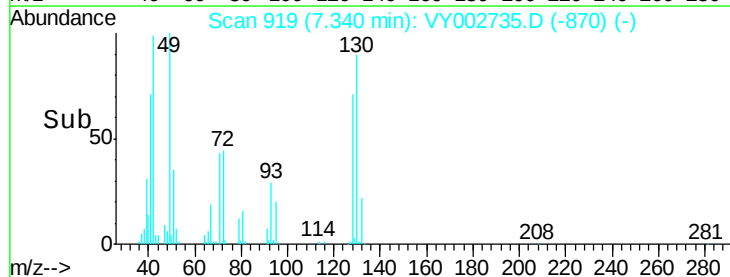
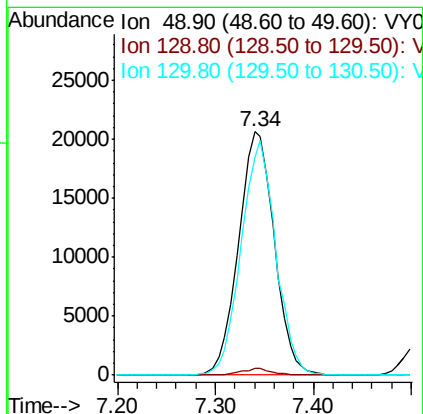
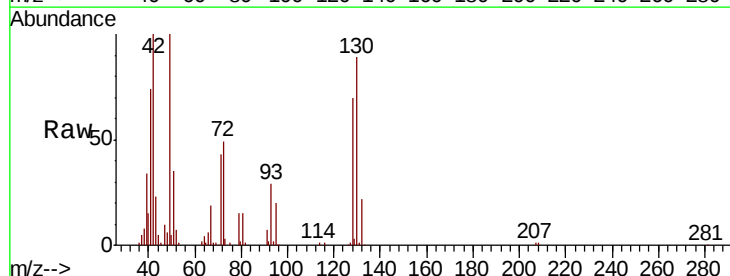
Tot Ion: 96 Resp: 85819
Ion Ratio Lower Upper
96 100
61 131.7 0.0 258.0
98 64.4 0.0 128.4

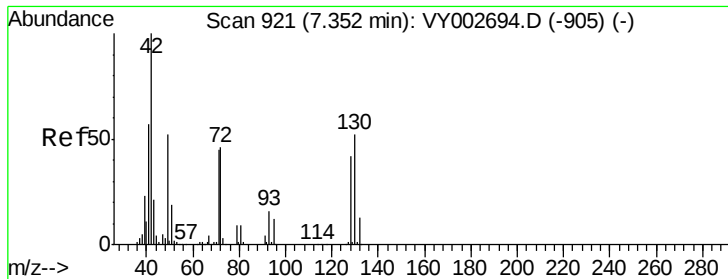


#28

Bromochloromethane
Concen: 22.231 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Tgt Ion: 49 Resp: 52376
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.6
130 93.2 75.3 112.9

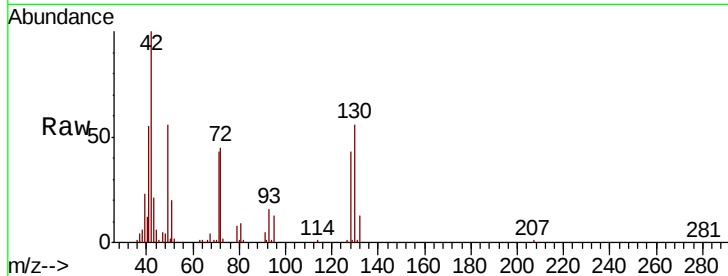




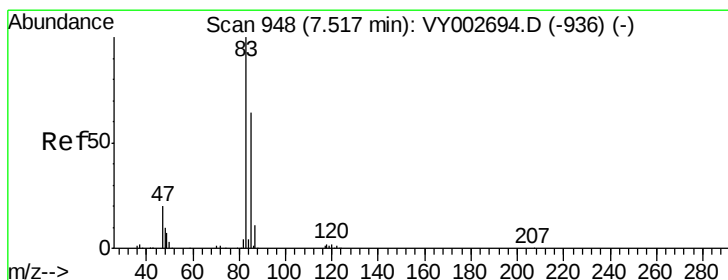
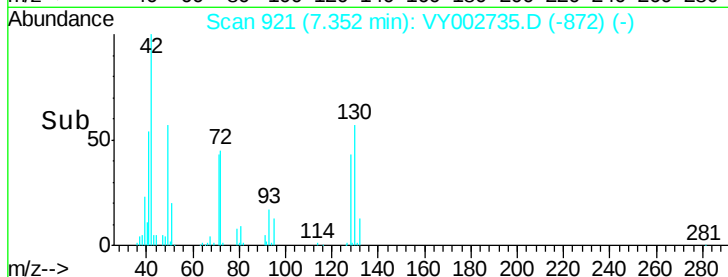
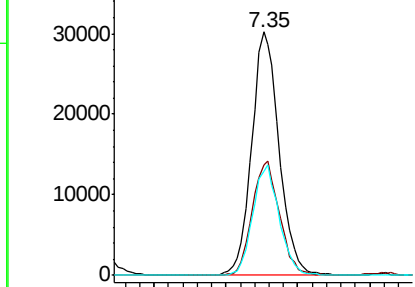
#29
Tetrahydrofuran
Concen: 110.778 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 80219
Ion Ratio Lower Upper
42 100
72 46.4 38.2 57.2
71 43.8 35.8 53.8

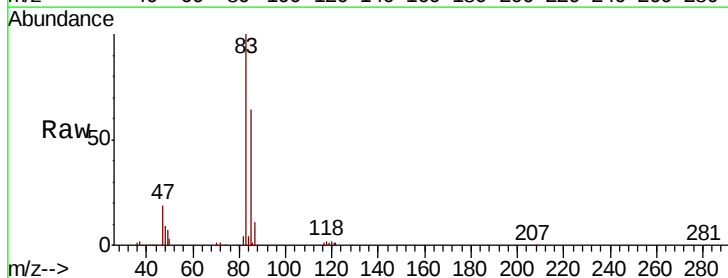


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

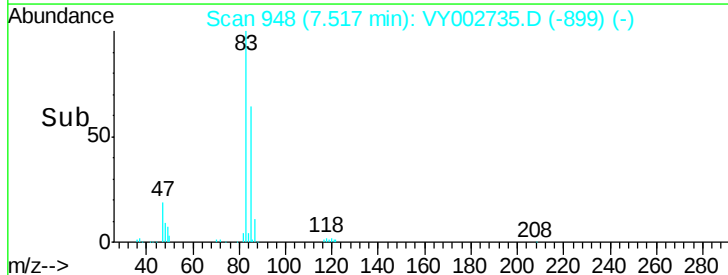
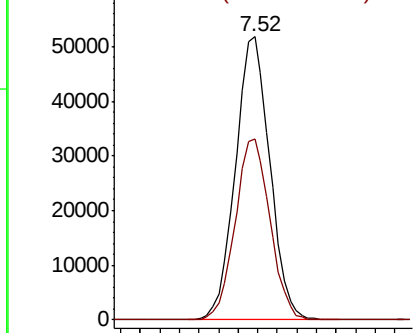


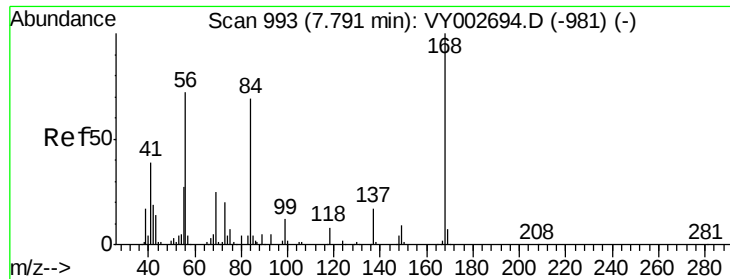
#30
Chloroform
Concen: 20.437 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Tgt Ion: 83 Resp: 126320
Ion Ratio Lower Upper
83 100
85 63.9 51.5 77.3



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

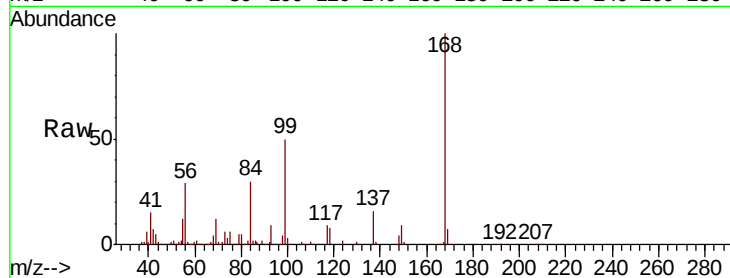




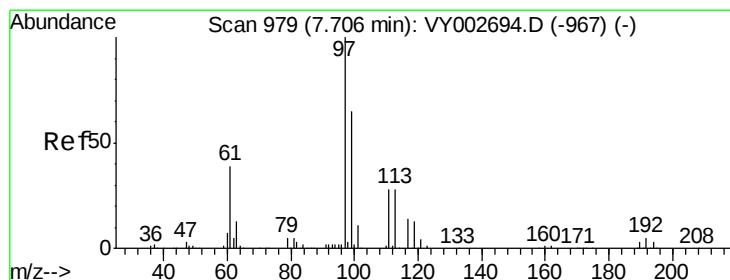
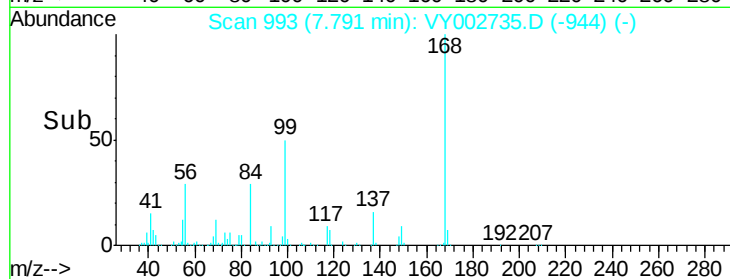
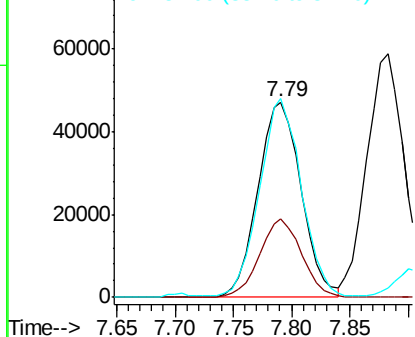
#31
Cyclohexane
Concen: 20.084 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 121313
Ion Ratio Lower Upper
56 100
69 40.0 27.7 41.5
84 100.5 77.0 115.4

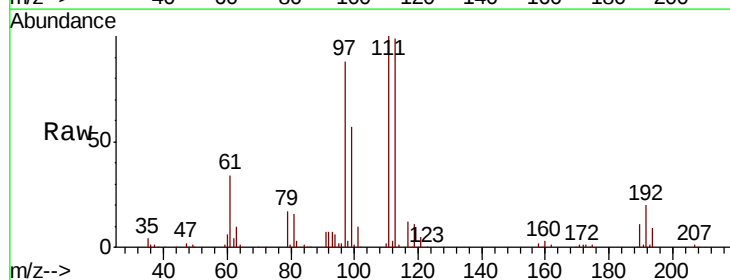


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

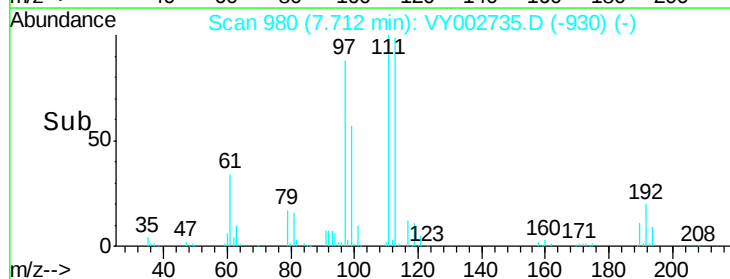
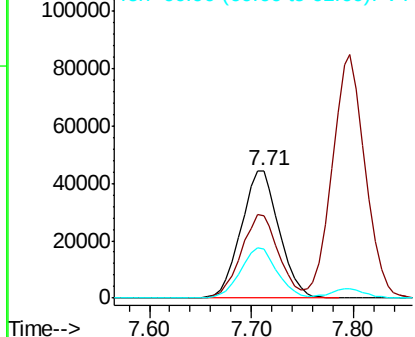


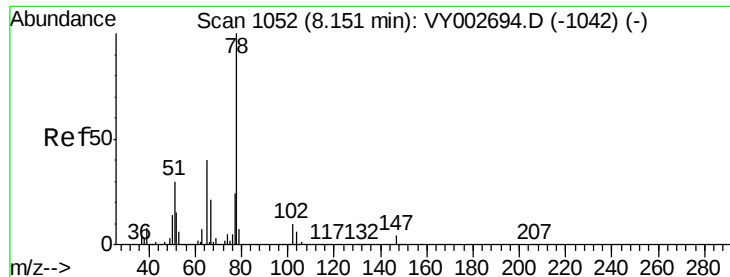
#32
1,1,1-Trichloroethane
Concen: 20.153 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Tgt Ion: 97 Resp: 115098
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 38.3 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

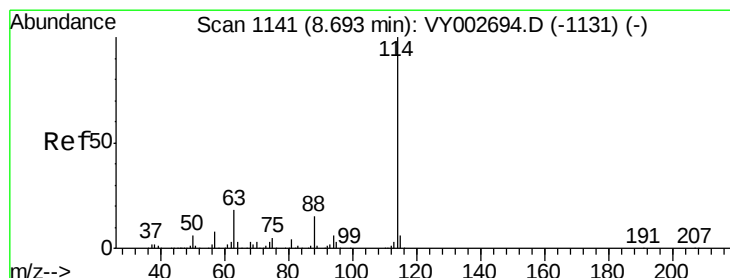
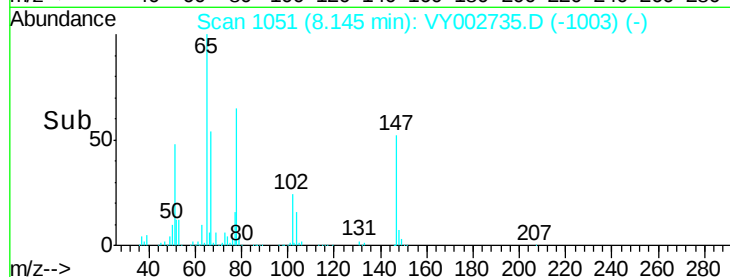
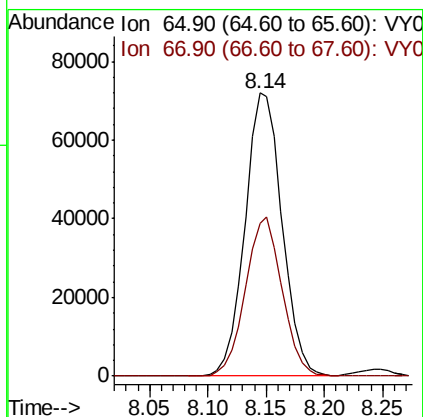
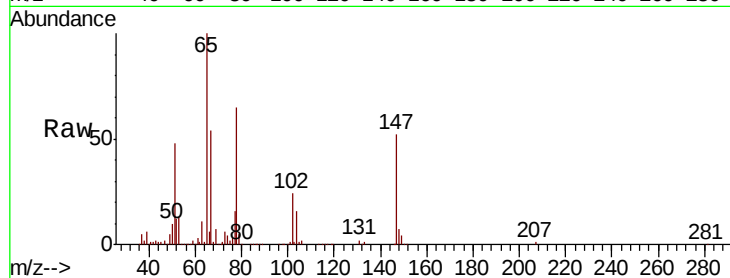




#33
 1,2-Dichloroethane-d4
 Concen: 51.248 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002735.D
 Acq: 21 May 2020 12:14

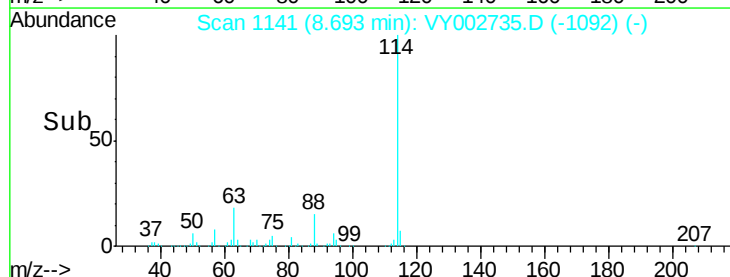
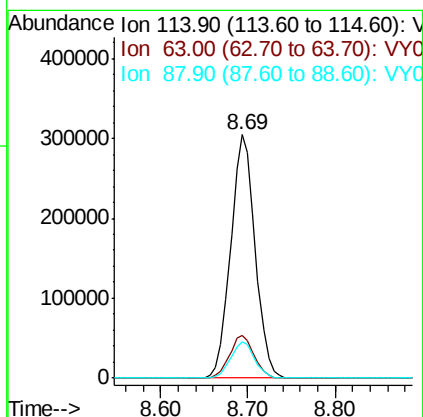
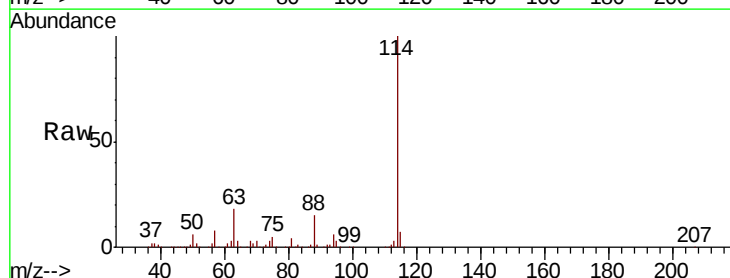
Instrument :
 MSVOA_Y
 ClientSampled :

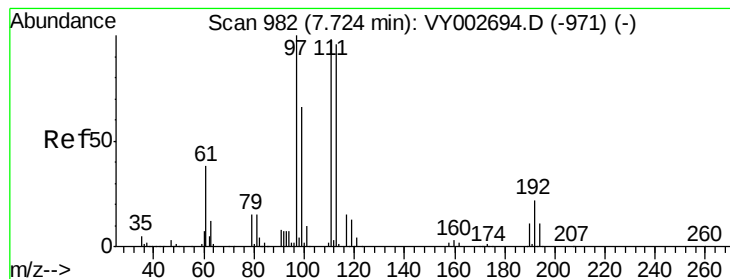
Tot Ion: 65 Resp: 159916
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002735.D
 Acq: 21 May 2020 12:14

Tgt Ion: 114 Resp: 590278
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.4
 88 14.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.958 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

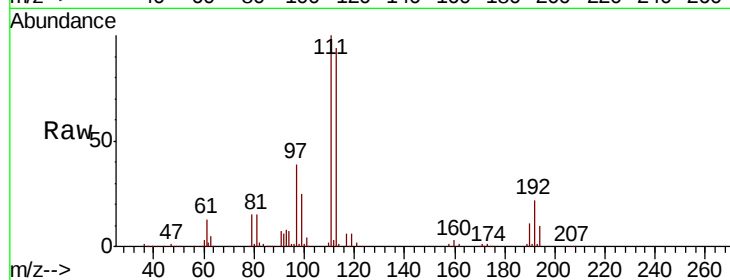
Tot Ion:113 Resp: 169258

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

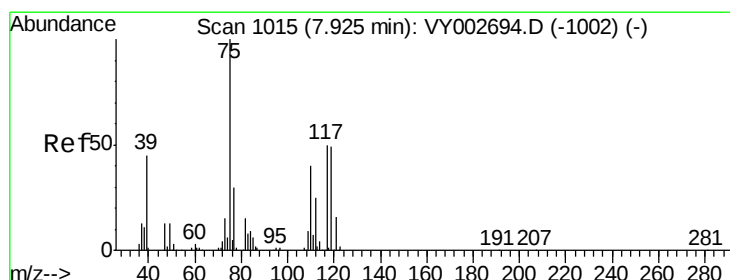
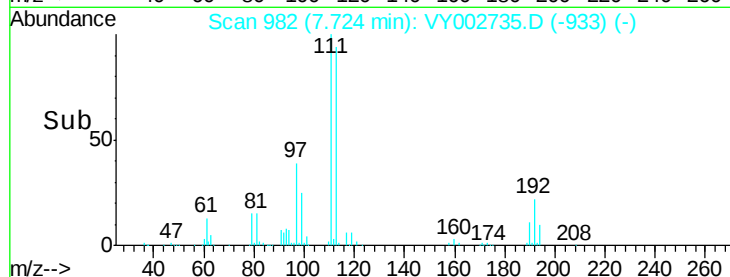
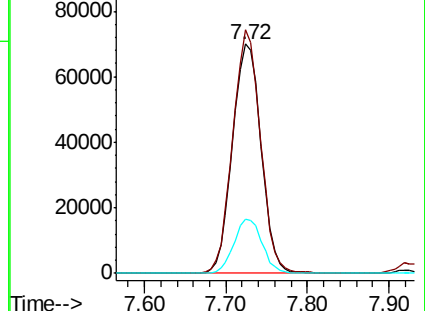
192 23.3 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.462 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

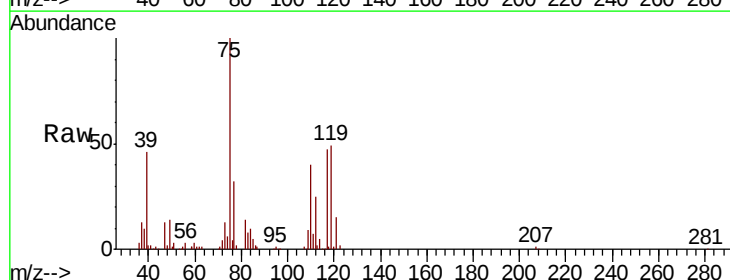
Tgt Ion: 75 Resp: 102251

Ion Ratio Lower Upper

75 100

110 38.8 19.4 58.4

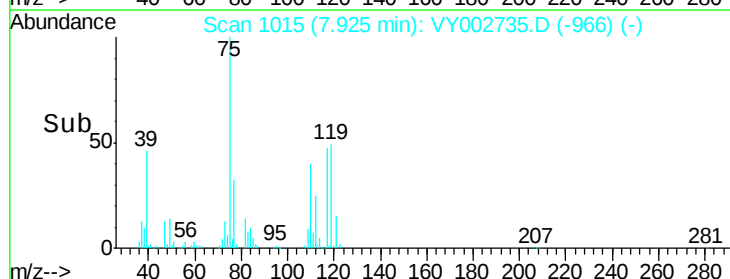
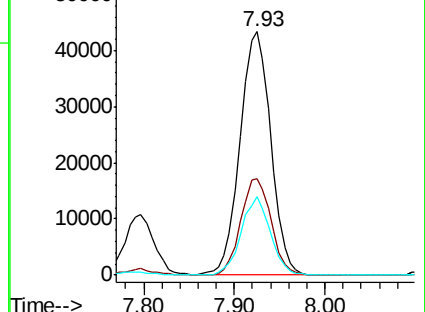
77 30.4 25.0 37.4

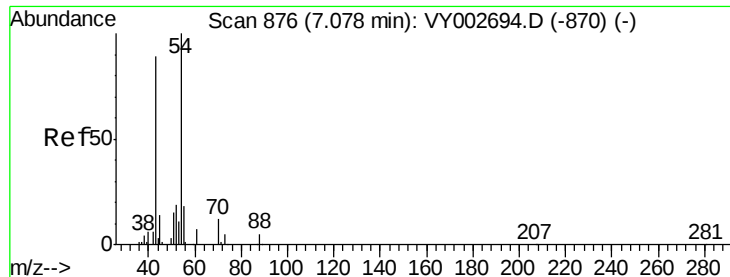


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

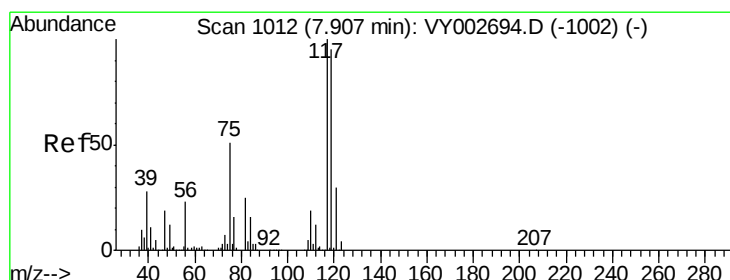
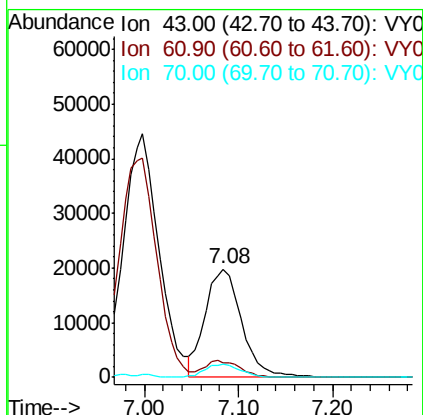
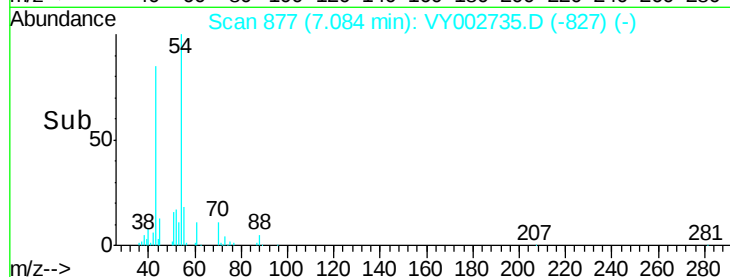
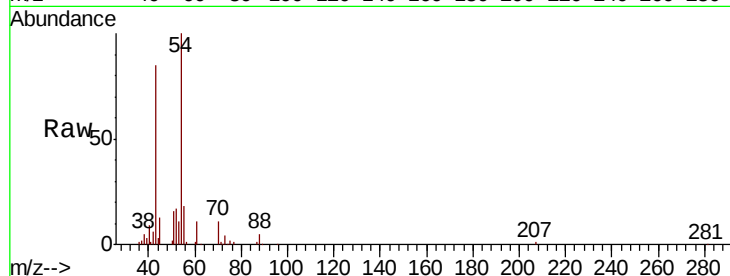




#37
Ethyl Acetate
Concen: 21.525 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

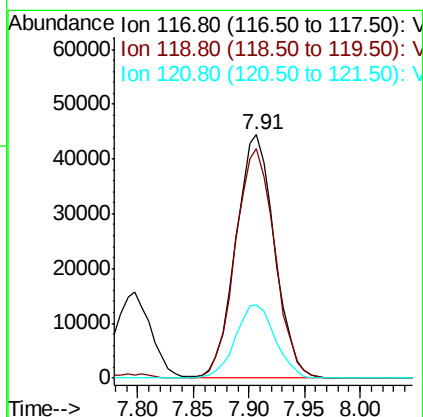
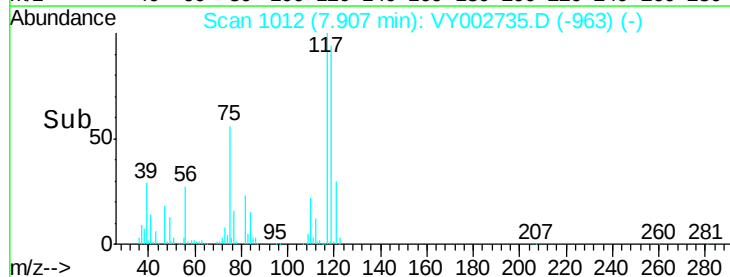
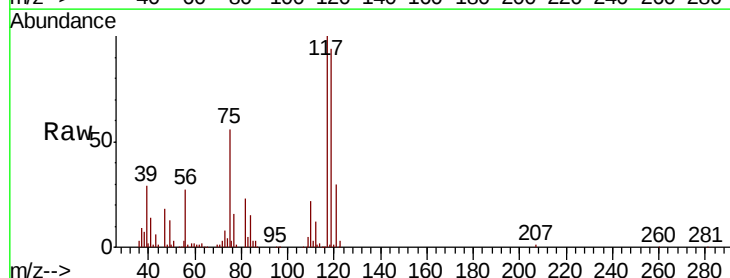
Instrument :
MSVOA_Y
ClientSampled :

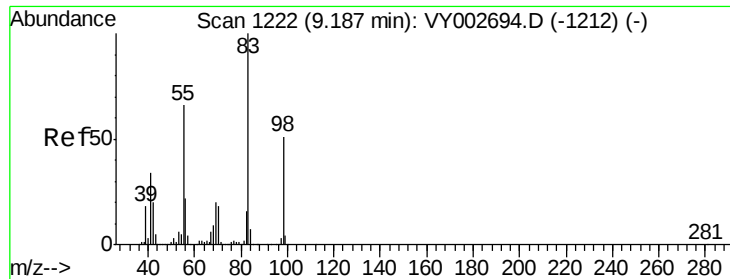
Tot Ion	43	Resp	52902
Ion Ratio	100	Lower	Upper
61	14.9	11.8	17.8
70	12.0	9.2	13.8



#38
Carbon Tetrachloride
Concen: 20.009 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Tgt Ion	117	Resp	107462
Ion Ratio	100	Lower	Upper
119	94.2	76.3	114.5
121	30.2	24.2	36.2

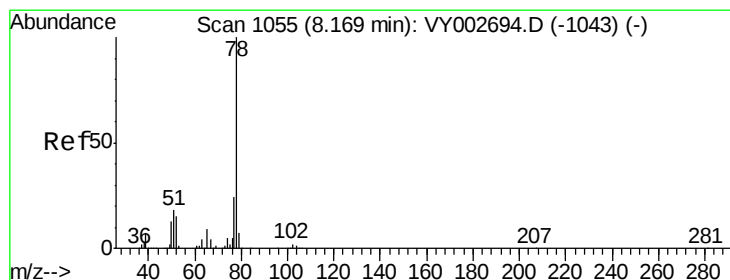
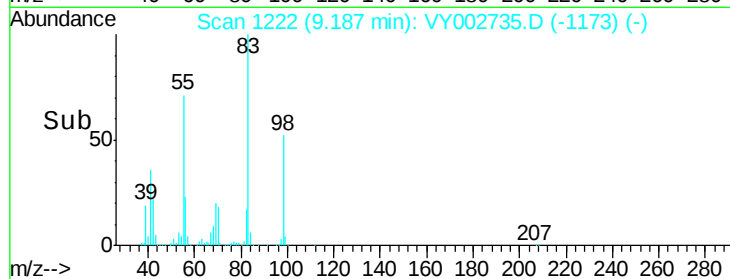
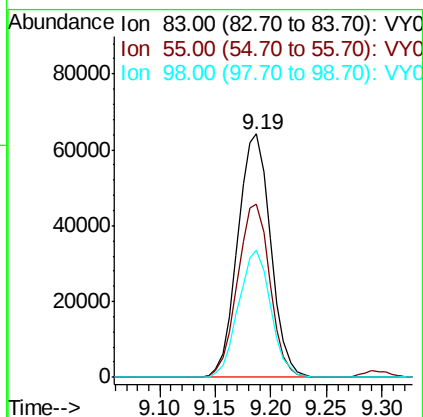
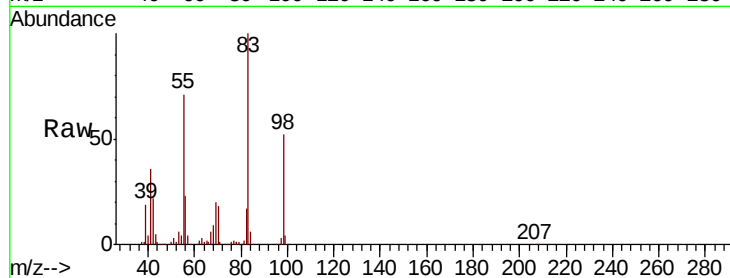




#39
Methvlcvclohexane
Concen: 19.613 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

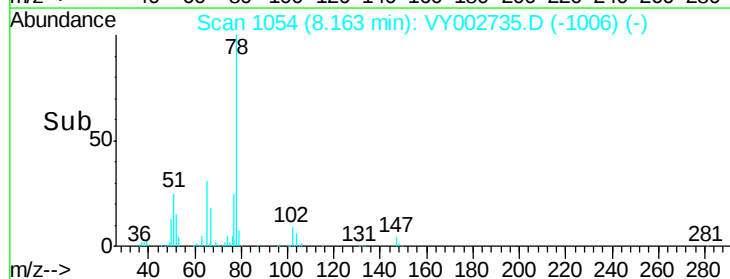
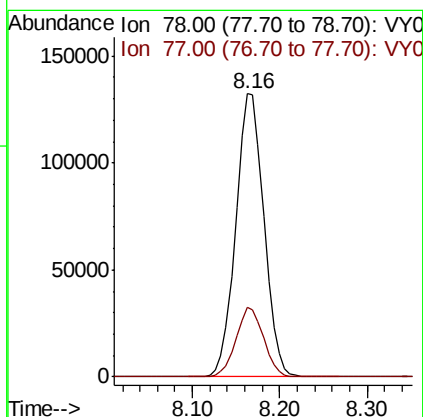
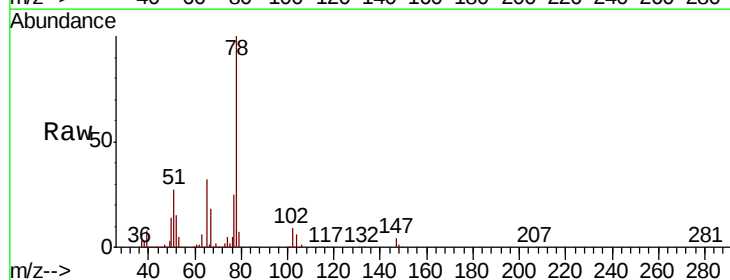
Instrument :
MSVOA_Y
ClientSampleId :

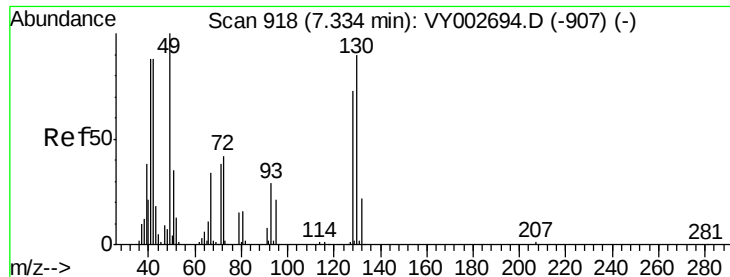
Tot Ion: 83 Resp: 131779
Ion Ratio Lower Upper
83 100
55 71.0 53.0 79.6
98 52.3 40.8 61.2



#40
Benzene
Concen: 20.270 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Tgt Ion: 78 Resp: 295547
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8

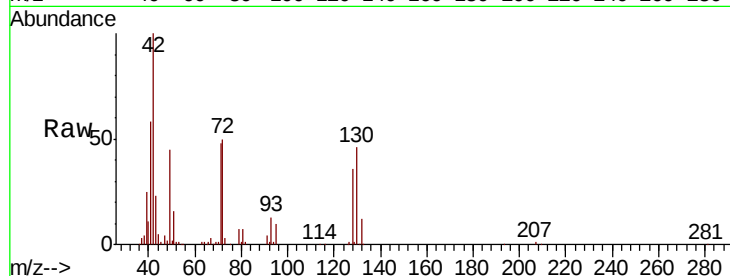




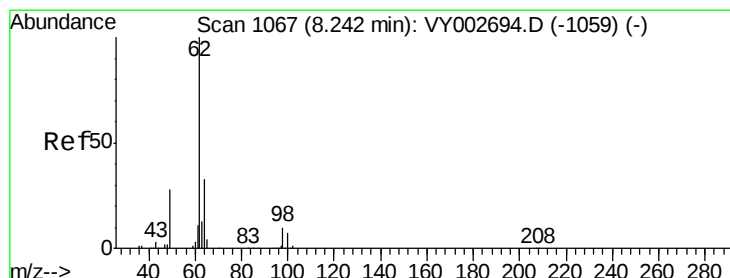
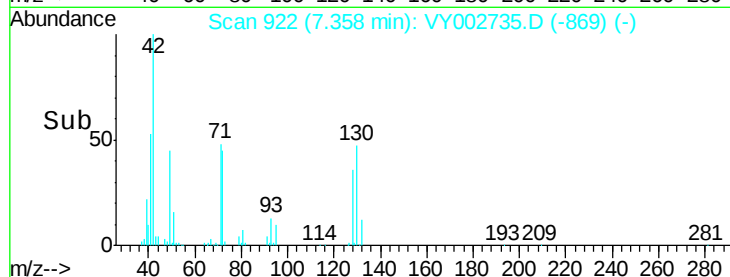
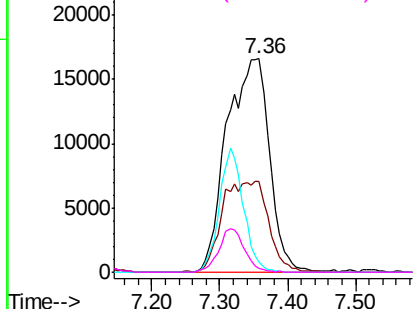
#41
Methacrylonitrile
Concen: 48.812 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 72077
Ion Ratio Lower Upper
41 100
39 45.9 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

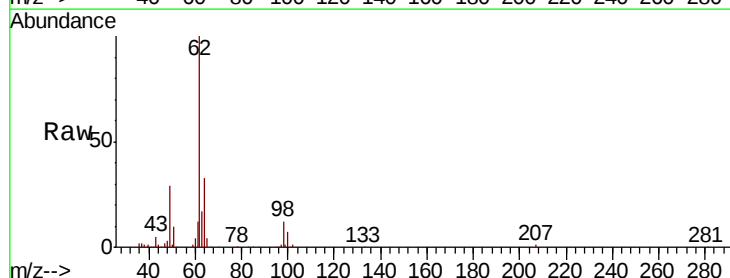


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

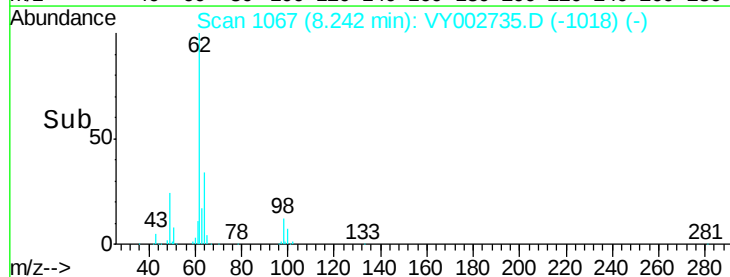
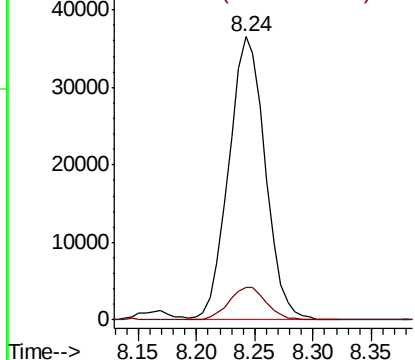


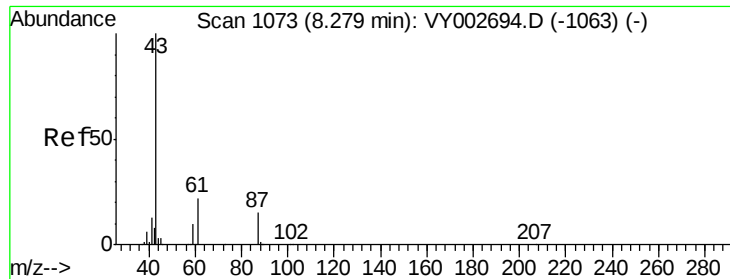
#42
1,2-Dichloroethane
Concen: 20.724 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Tgt Ion: 62 Resp: 79695
Ion Ratio Lower Upper
62 100
98 11.7 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: 22.190 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :
MSVOA_Y
ClientSampleId :

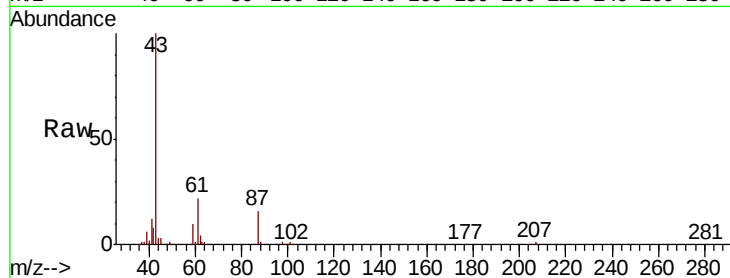
Tot Ion: 43 Resp: 101355

Ion Ratio Lower Upper

43 100

61 30.8 24.9 37.3

87 15.6 12.6 19.0

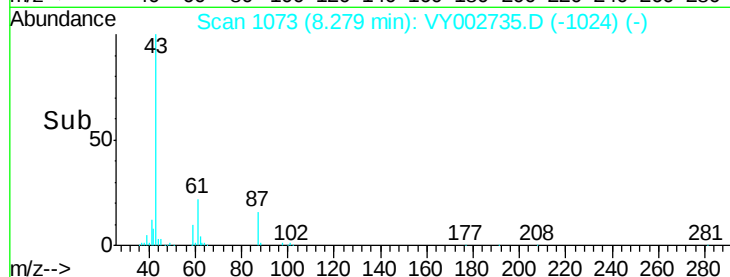


Abundance Ion 43.00 (42.70 to 43.70): VY002735.D (-1024) (-)

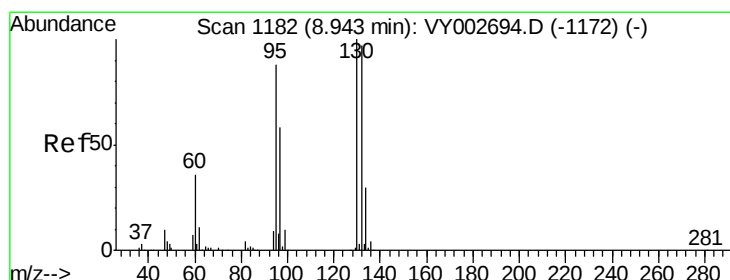
Ion 61.00 (60.70 to 61.70): VY002735.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002735.D (-1024) (-)

Time-->



Time-->



#44

Trichloroethene

Concen: 20.695 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002735.D

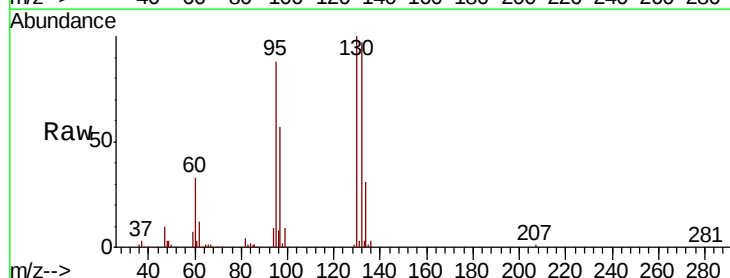
Acq: 21 May 2020 12:14

Tgt Ion:130 Resp: 96180

Ion Ratio Lower Upper

130 100

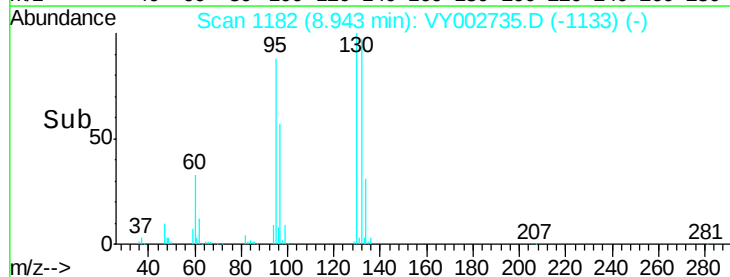
95 88.2 0.0 176.4



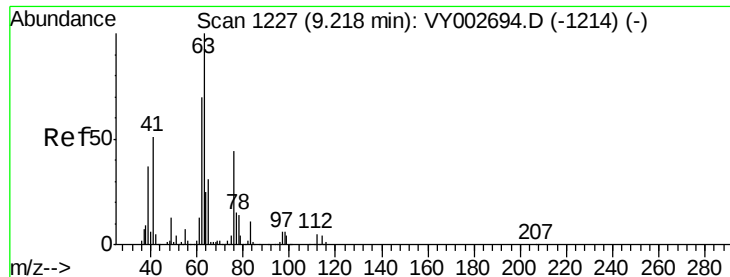
Abundance Ion 129.80 (129.50 to 130.50): VY002735.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002735.D (-1133) (-)

Time-->



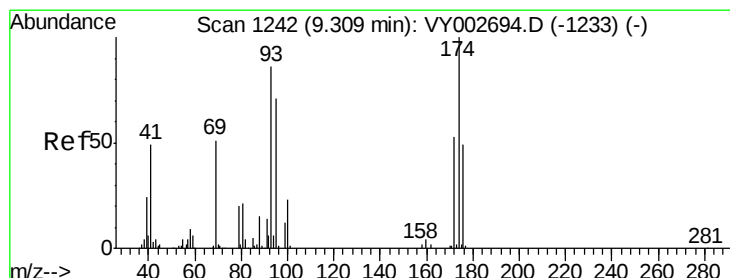
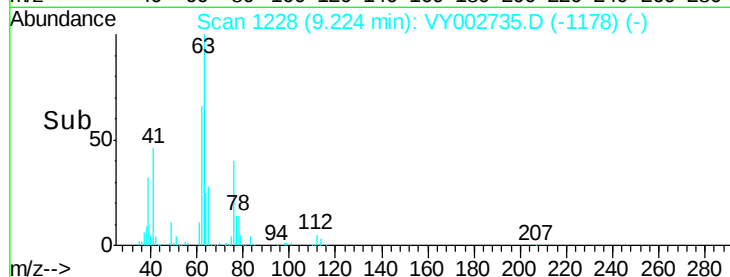
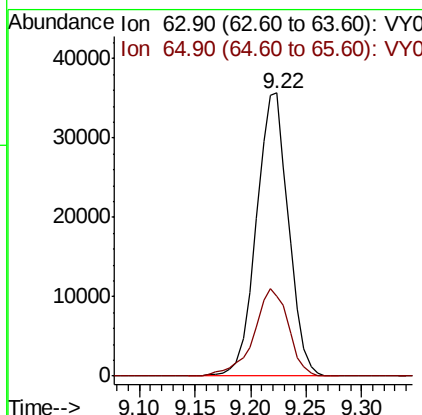
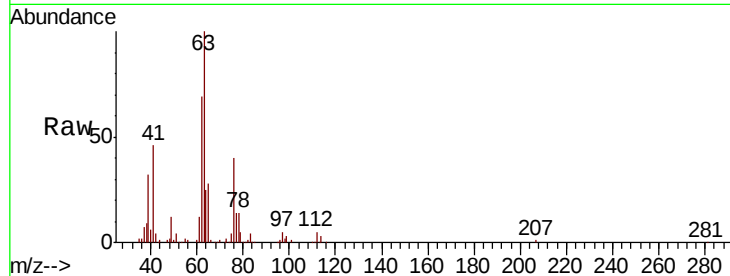
Time-->



#45
 1,2-Dichloropropane
 Concen: 20.731 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY002735.D
 Acq: 21 May 2020 12:14

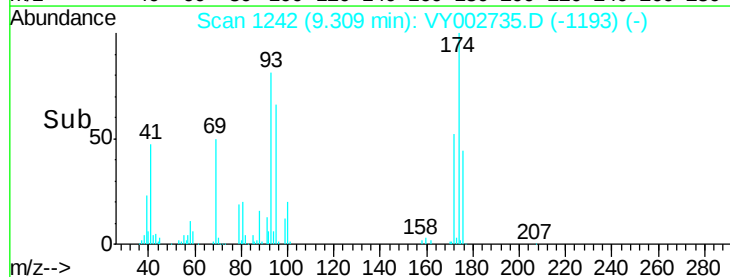
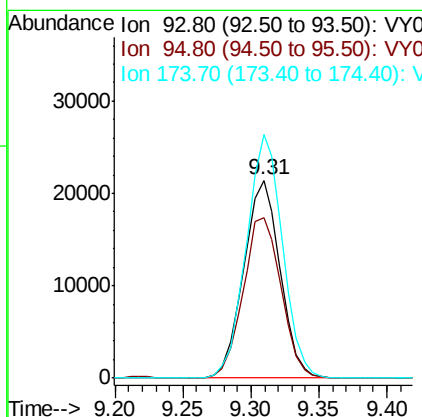
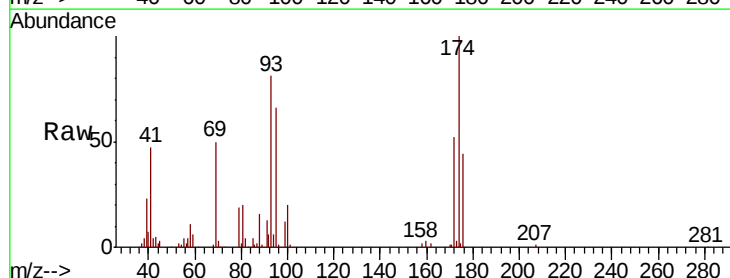
Instrument :
 MSVOA_Y
 ClientSampleId :

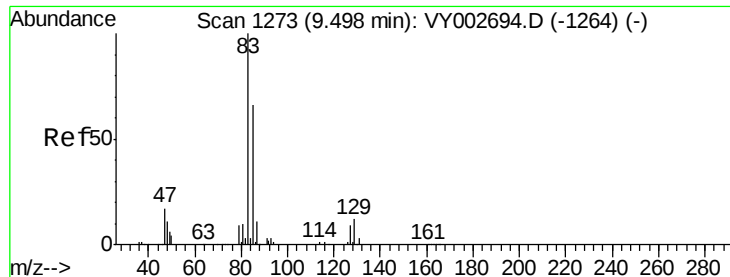
Tot Ion: 63 Resp: 71739
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.7 37.1



#46
 Dibromomethane
 Concen: 20.619 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002735.D
 Acq: 21 May 2020 12:14

Tgt Ion: 93 Resp: 40086
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.5 99.7
 174 122.7 95.6 143.4





#47

Bromodichloromethane

Concen: 20.759 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

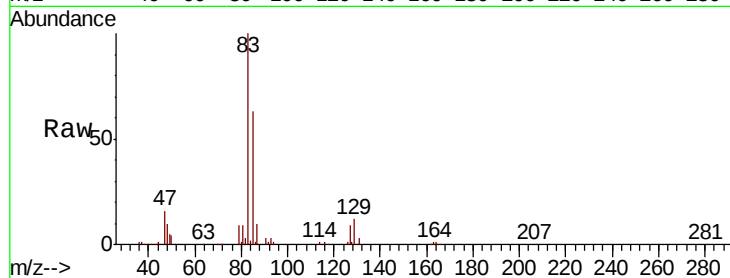
Tot Ion: 83 Resp: 98499

Ion Ratio Lower Upper

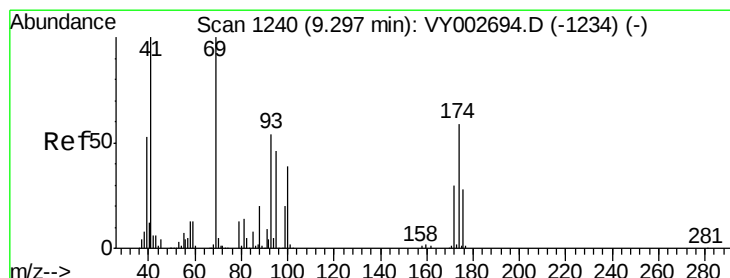
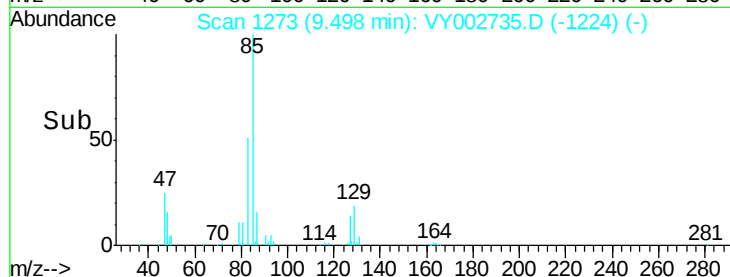
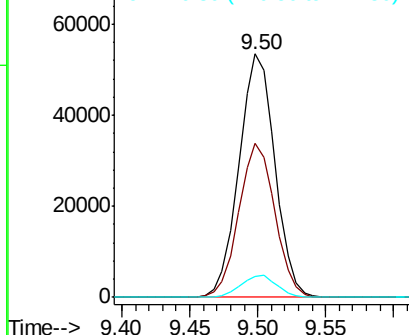
83 100

85 63.4 52.4 78.6

127 8.8 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



#48

Methyl methacrylate

Concen: 21.290 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

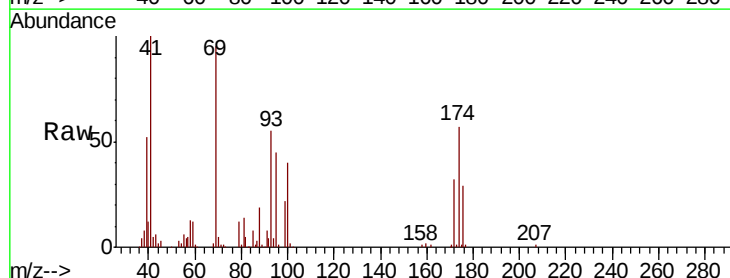
Tgt Ion: 41 Resp: 44774

Ion Ratio Lower Upper

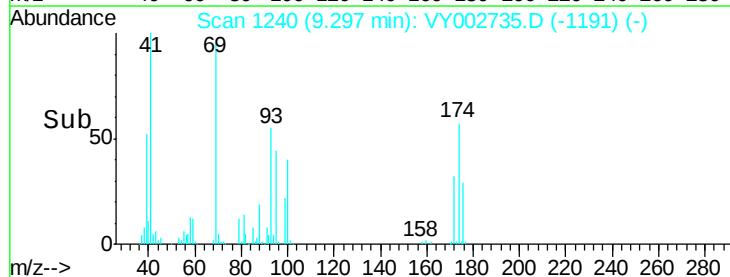
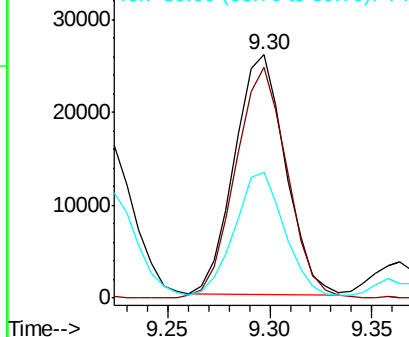
41 100

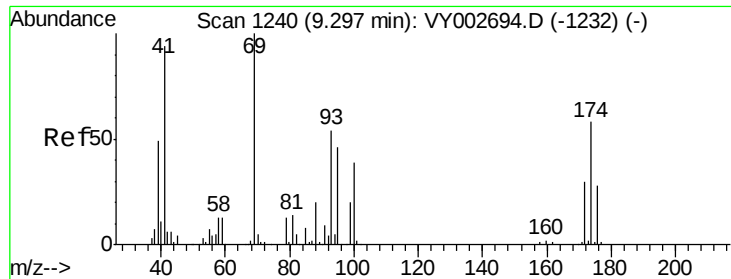
69 97.7 78.7 118.1

39 52.8 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

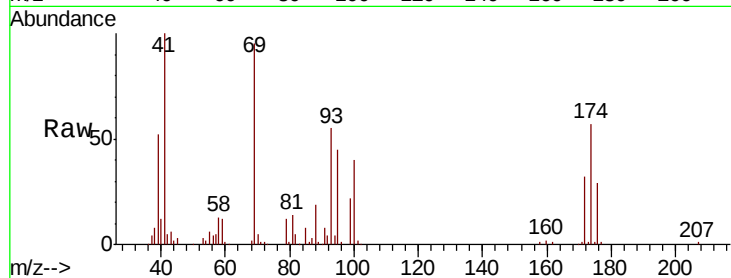




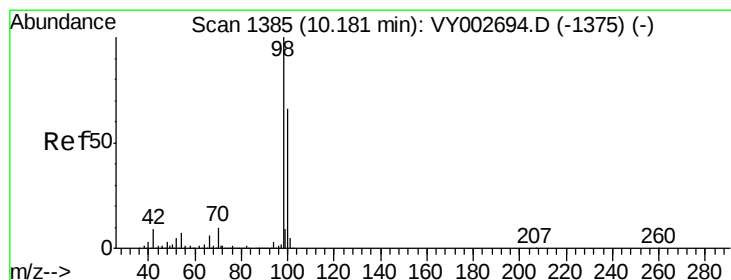
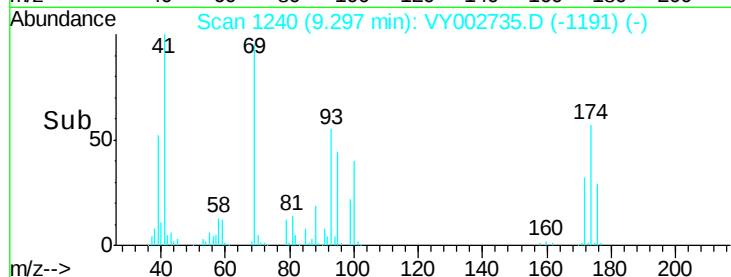
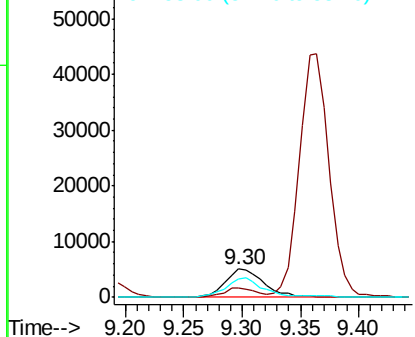
#49
1,4-Dioxane
Concen: 446.021 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 11810
Ion Ratio Lower Upper
88 100
43 28.5 23.4 35.0
58 64.6 54.5 81.7

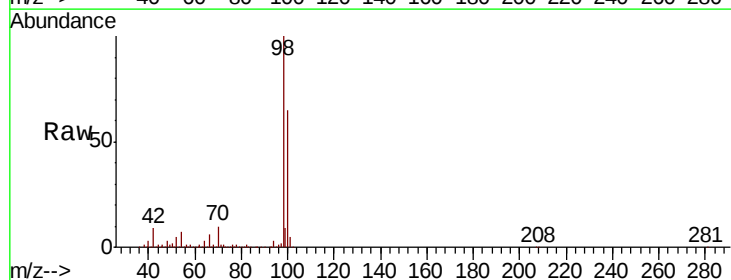


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

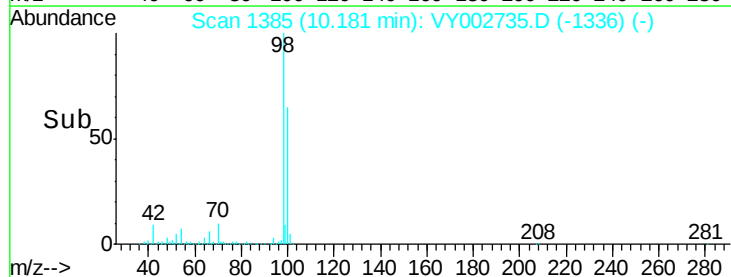
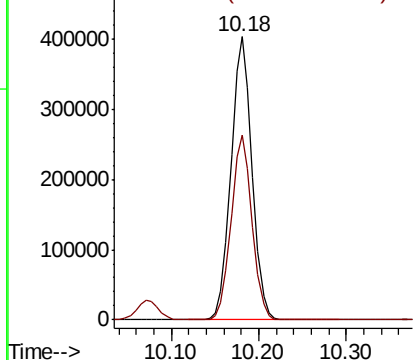


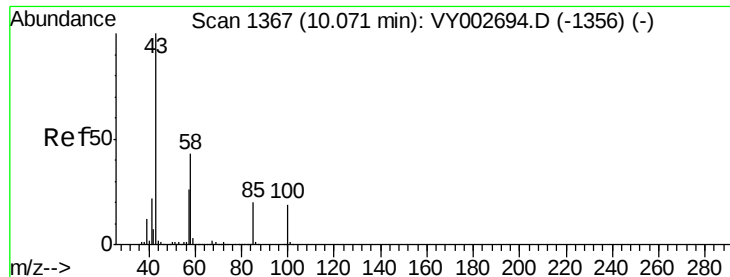
#50
Toluene-d8
Concen: 51.208 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Tgt Ion: 98 Resp: 671610
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



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

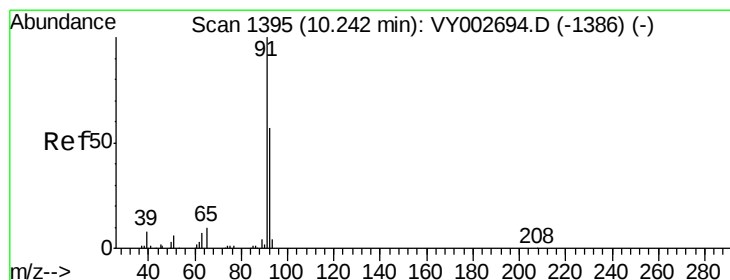
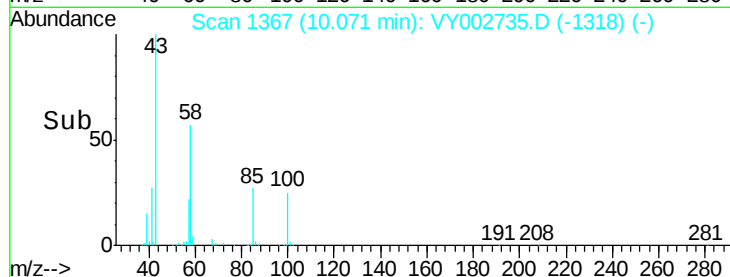
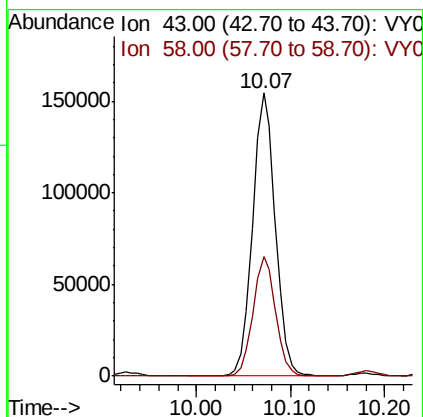
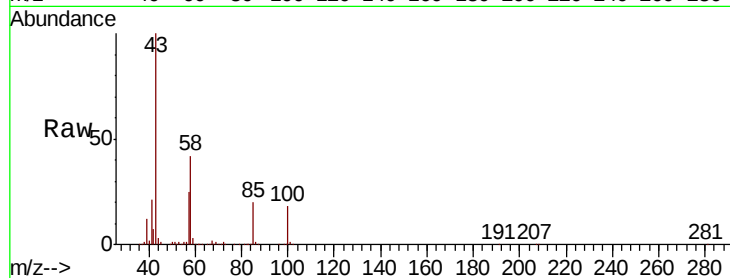




#51
4-Methyl-2-Pentanone
Concen: 111.368 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

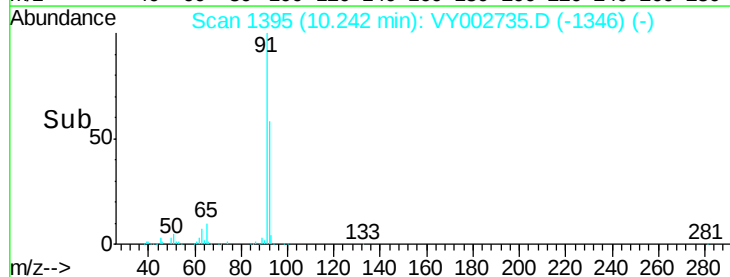
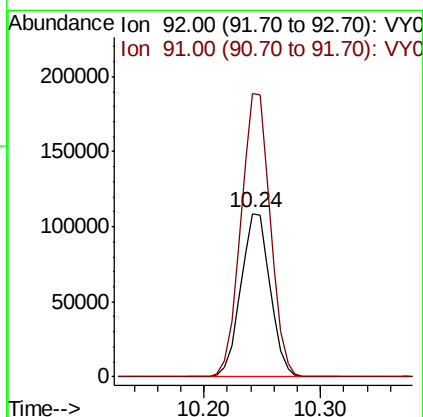
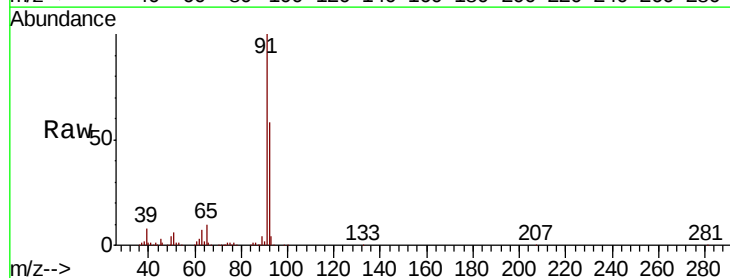
Instrument :
MSVOA_Y
ClientSampleId :

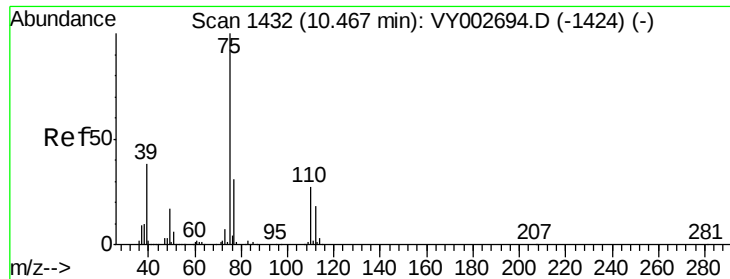
Tot Ion: 43 Resp: 262633
Ion Ratio Lower Upper
43 100
58 41.8 34.1 51.1



#52
Toluene
Concen: 20.233 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Tgt Ion: 92 Resp: 190904
Ion Ratio Lower Upper
92 100
91 174.2 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 20.489 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

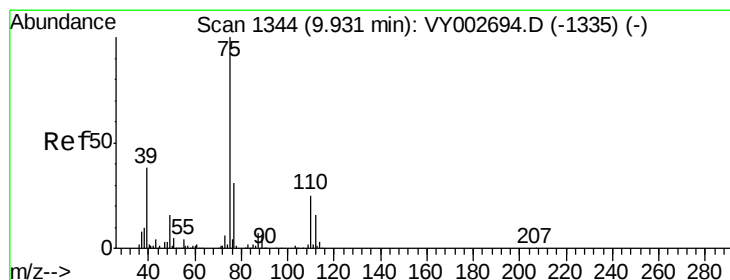
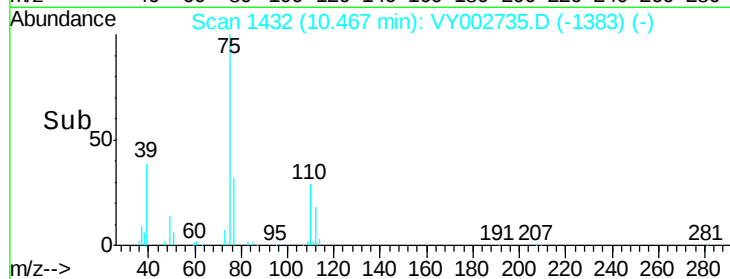
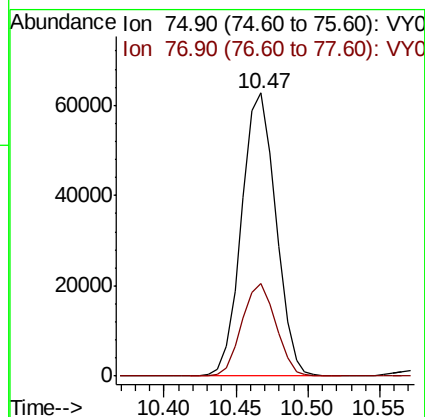
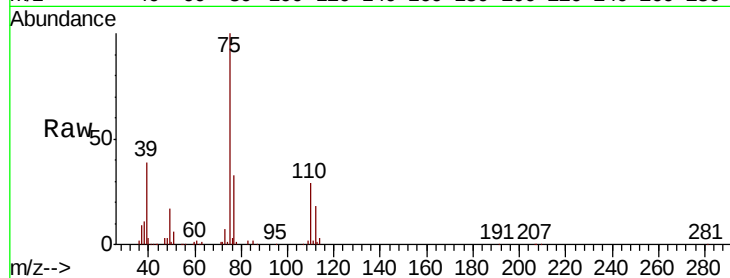
ClientSampleId :

Tot Ion: 75 Resp: 103762

Ion Ratio Lower Upper

75 100

77 32.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.739 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

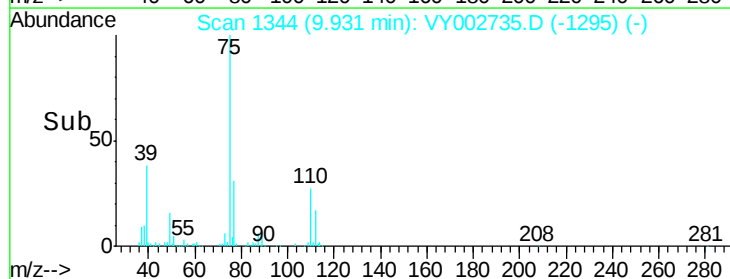
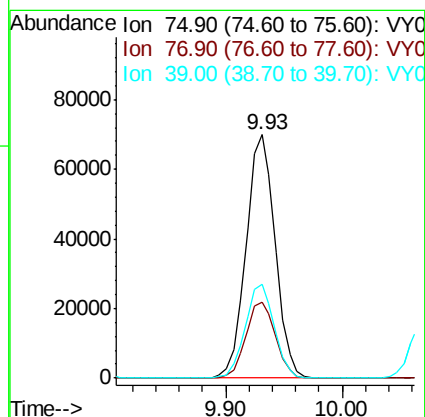
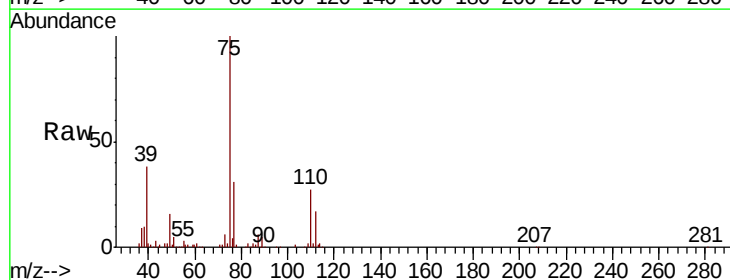
Tgt Ion: 75 Resp: 121760

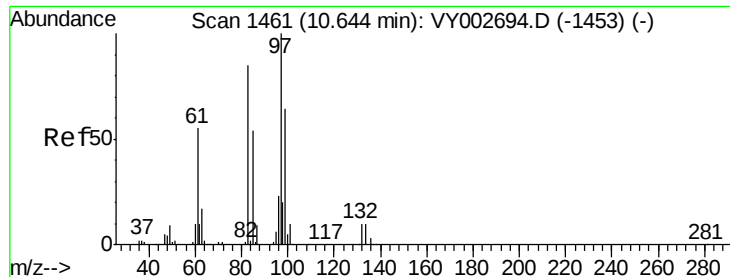
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 38.3 30.7 46.1

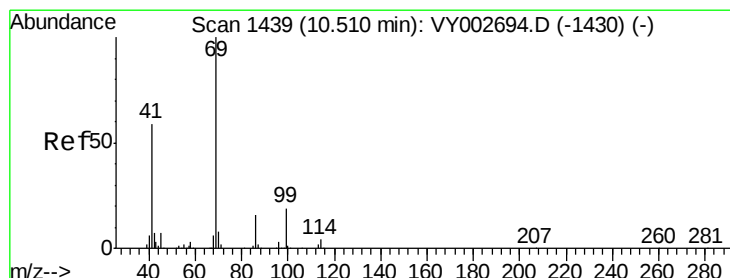
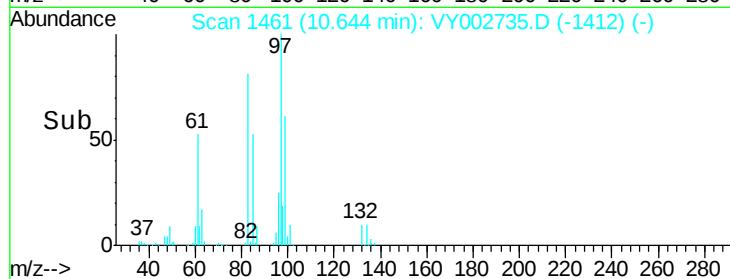
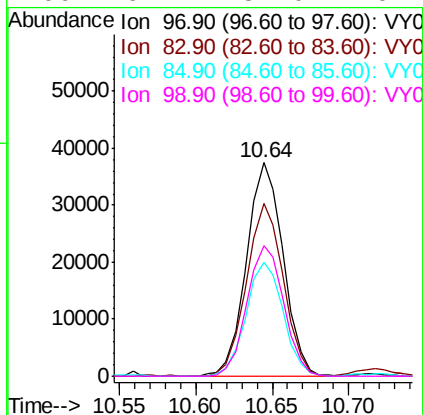
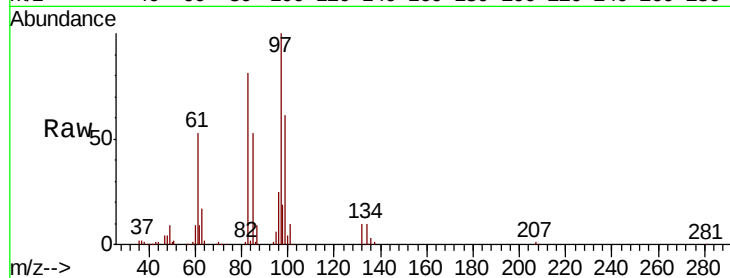




#55
 1,1,2-Trichloroethane
 Concen: 21.554 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002735.D
 Acq: 21 May 2020 12:14

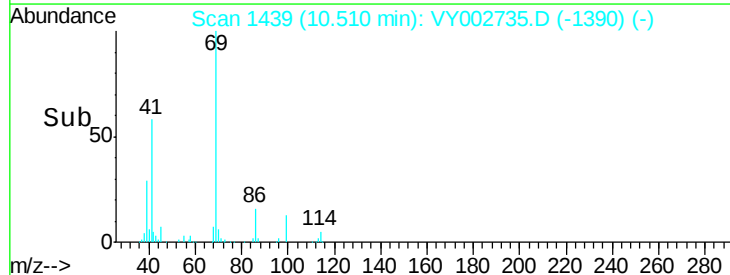
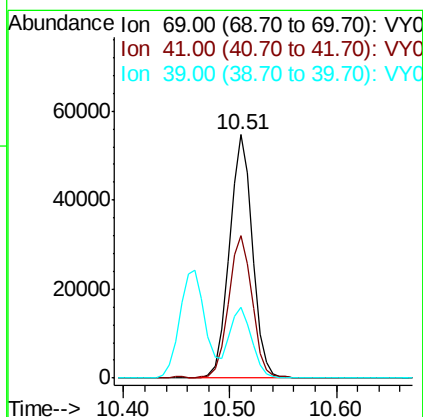
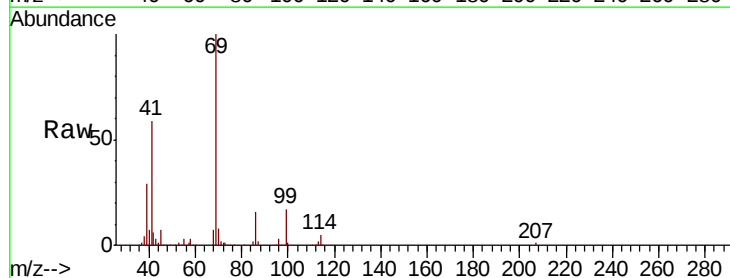
Instrument :
 MSVOA_Y
 ClientSampleId :

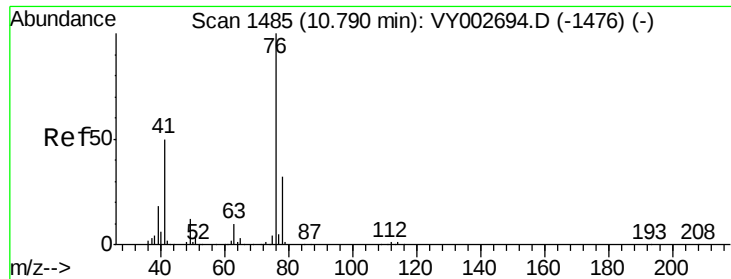
Tot Ion:	97	Resp:	62387
Ion	Ratio	Lower	Upper
97	100		
83	80.7	68.1	102.1
85	53.1	43.1	64.7
99	61.1	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 21.516 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002735.D
 Acq: 21 May 2020 12:14

Tgt Ion:	69	Resp:	82906
Ion	Ratio	Lower	Upper
69	100		
41	59.8	48.0	72.0
39	27.7	22.1	33.1





#57

1,3-Dichloropropane

Concen: 21.137 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

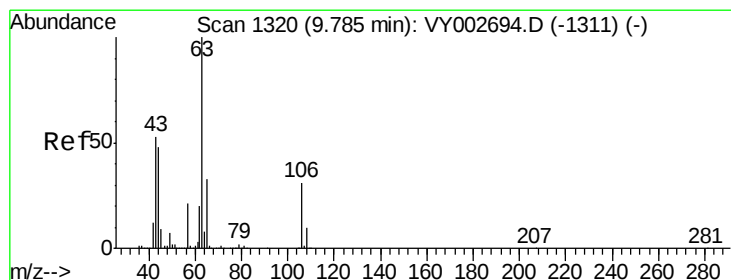
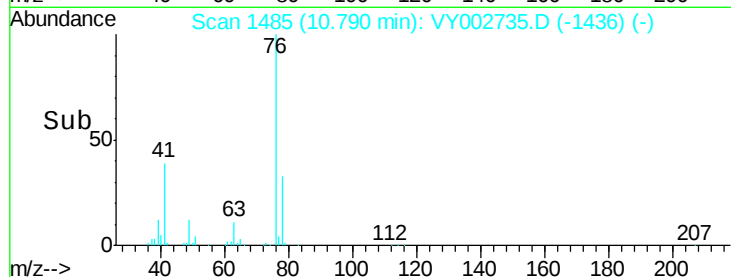
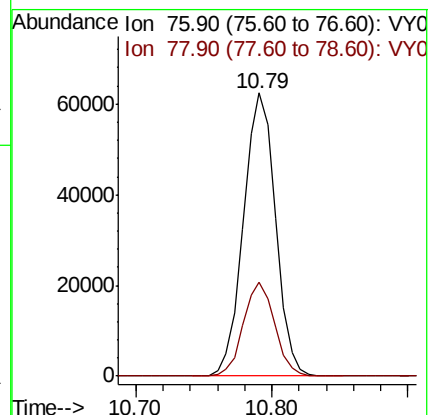
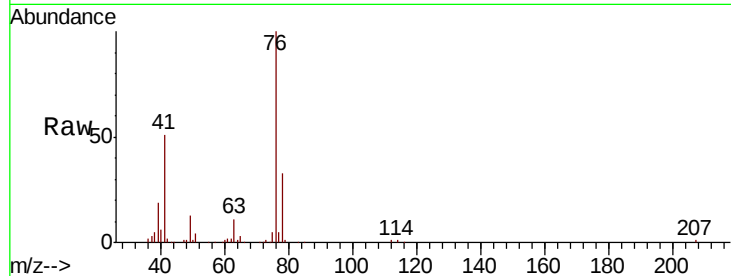
ClientSampleId :

Tot Ion: 76 Resp: 102522

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.044 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002735.D

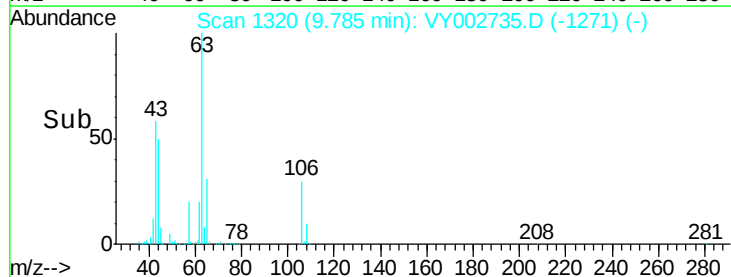
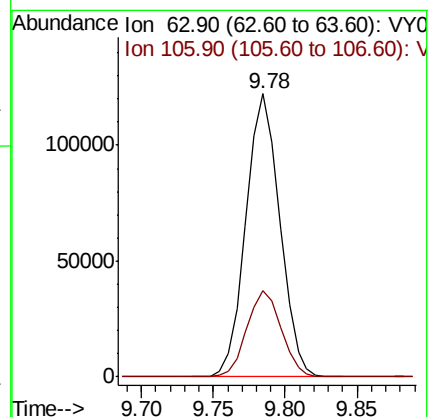
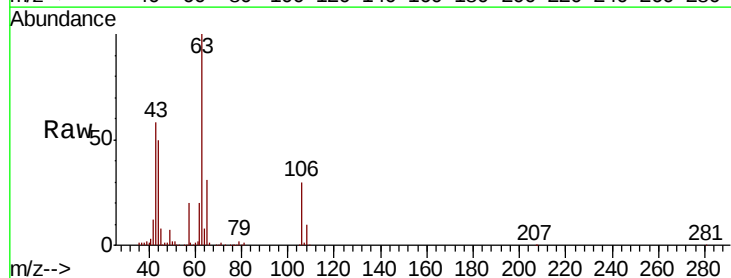
Acq: 21 May 2020 12:14

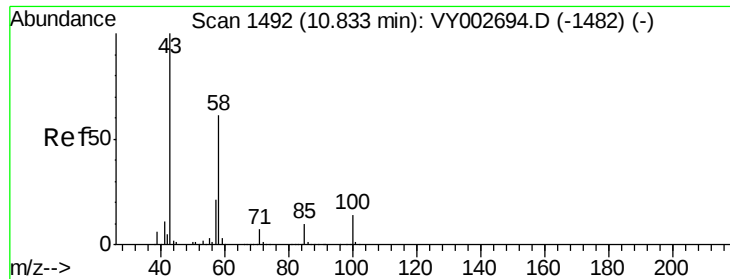
Tgt Ion: 63 Resp: 199821

Ion Ratio Lower Upper

63 100

106 30.7 25.1 37.7

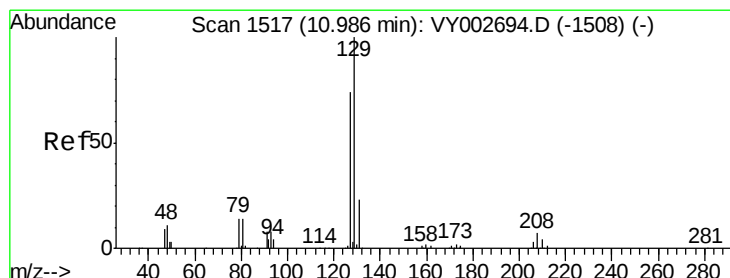
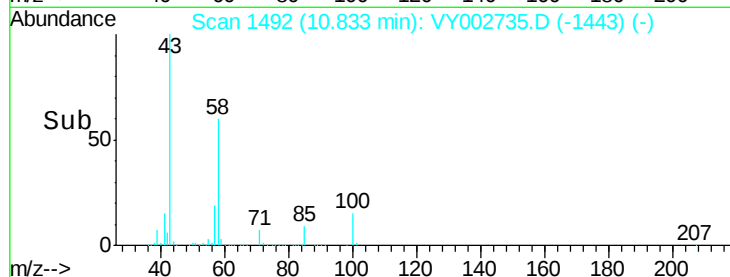
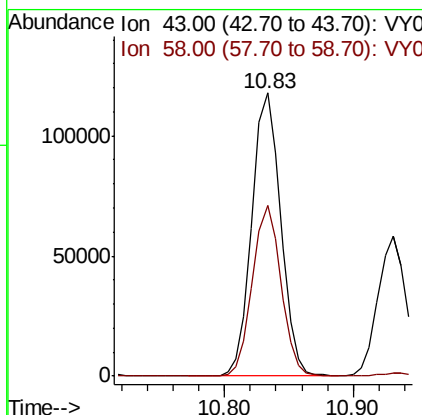
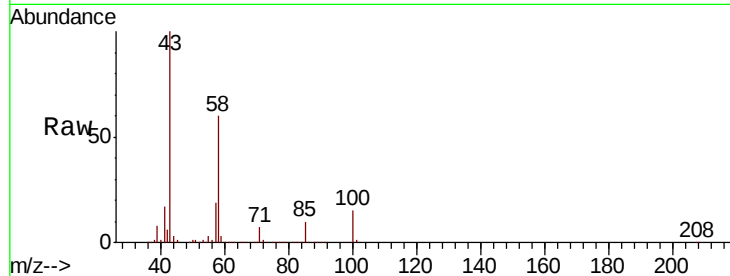




#59
2-Hexanone
Concen: 110.992 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

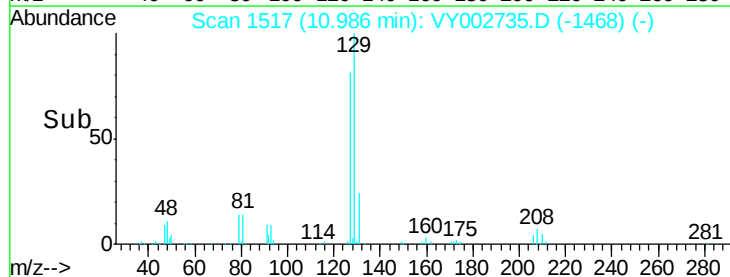
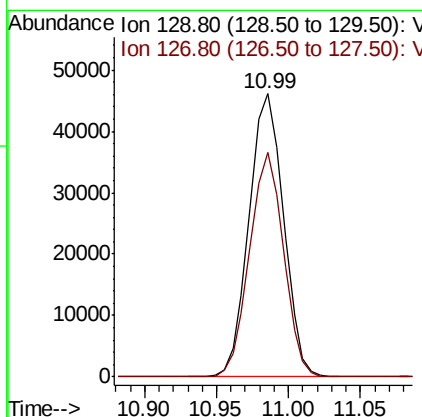
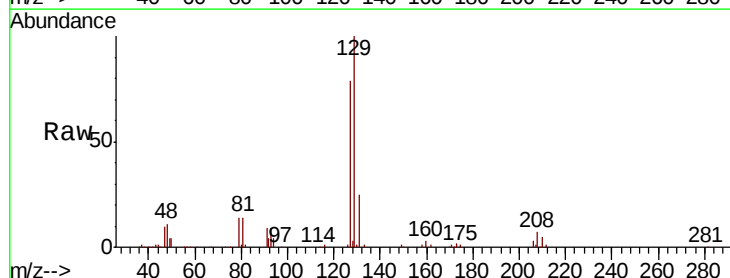
Instrument :
MSVOA_Y
ClientSampleId :

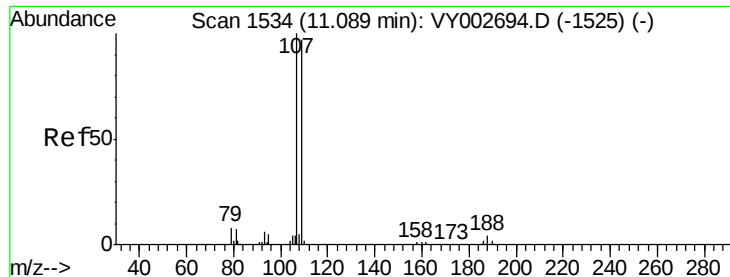
Tot Ion: 43 Resp: 182358
Ion Ratio Lower Upper
43 100
58 59.7 29.8 89.4



#60
Dibromochloromethane
Concen: 20.698 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Tgt Ion: 129 Resp: 76534
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.3

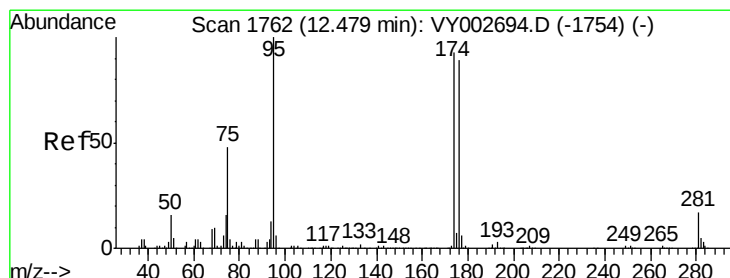
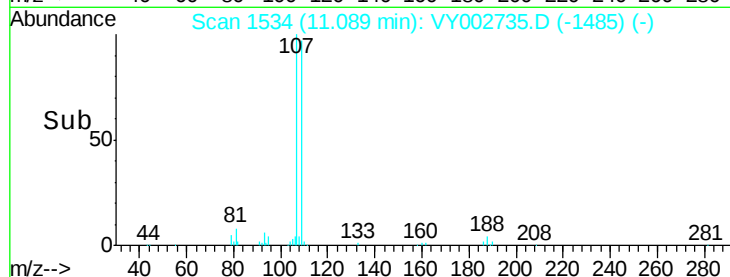
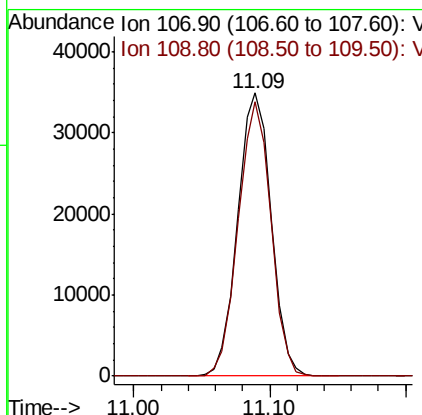
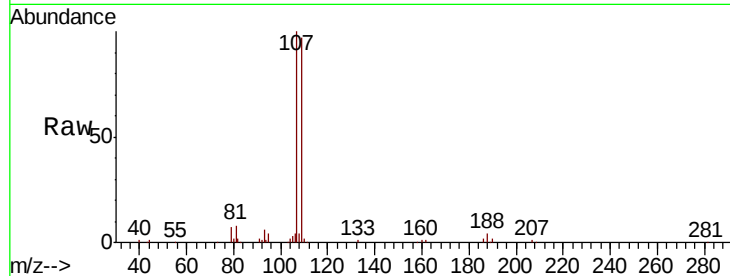




#61
 1,2-Dibromoethane
 Concen: 21.041 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002735.D
 Acq: 21 May 2020 12:14

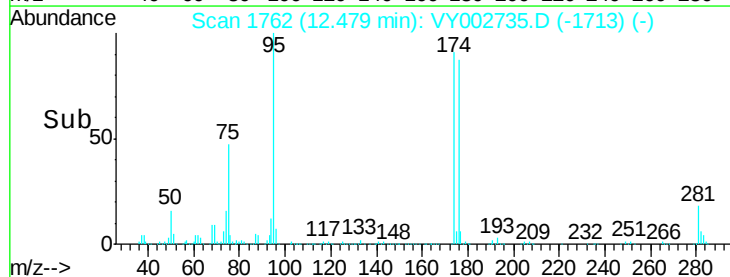
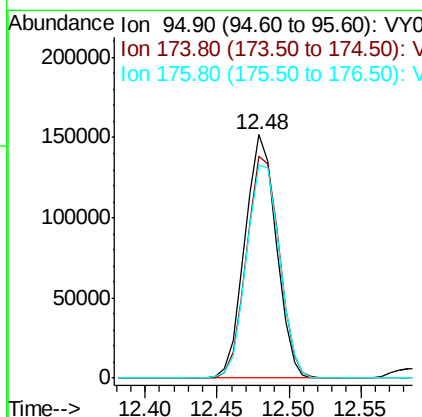
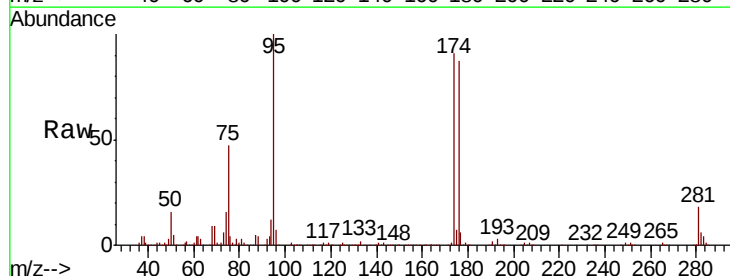
Instrument :
 MSVOA_Y
 ClientSampleId :

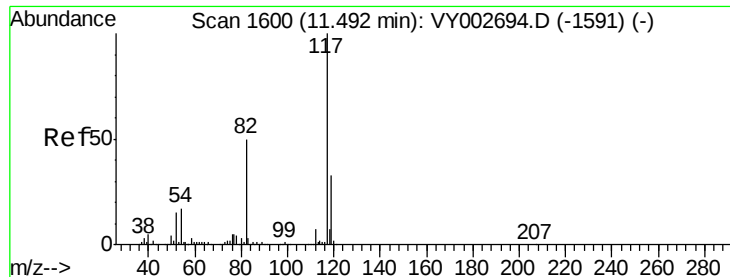
Tot Ion:107 Resp: 60001
 Ion Ratio Lower Upper
 107 100
 109 94.8 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 50.970 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002735.D
 Acq: 21 May 2020 12:14

Tgt Ion: 95 Resp: 229764
 Ion Ratio Lower Upper
 95 100
 174 94.5 0.0 191.4
 176 92.1 0.0 186.0

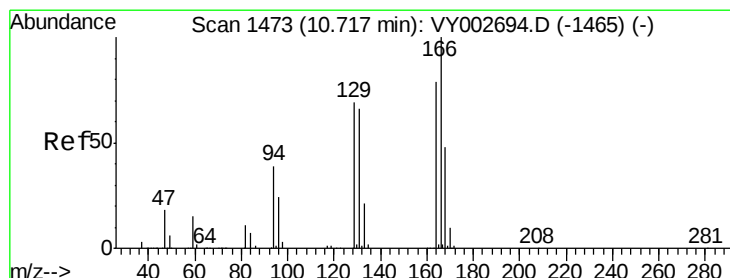
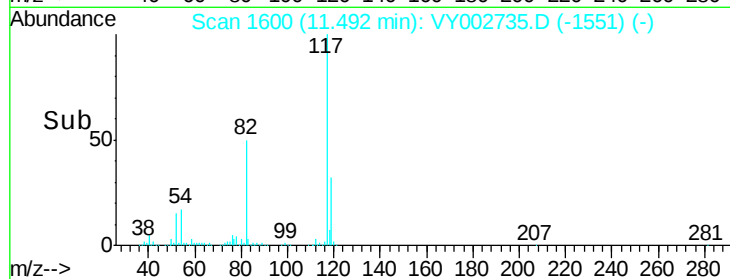
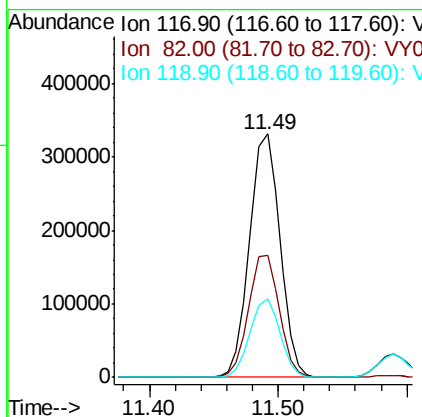
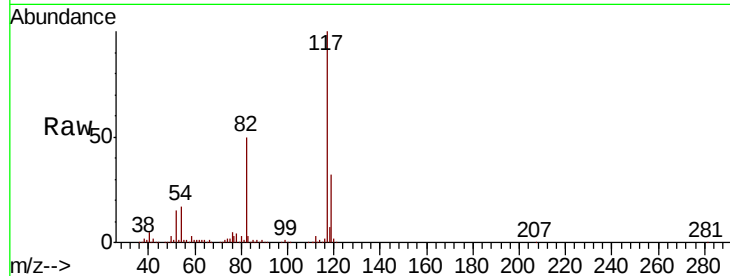




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

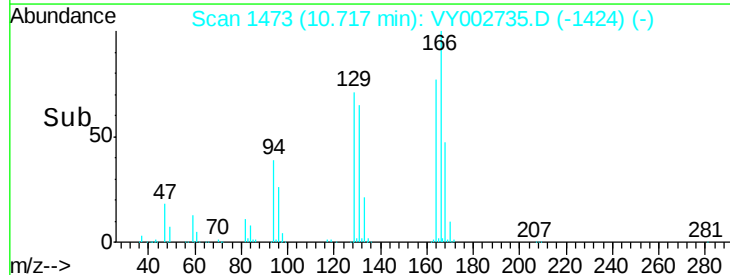
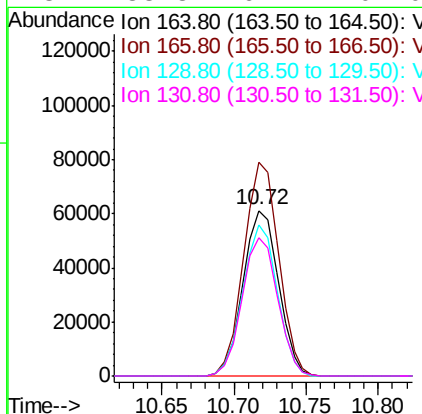
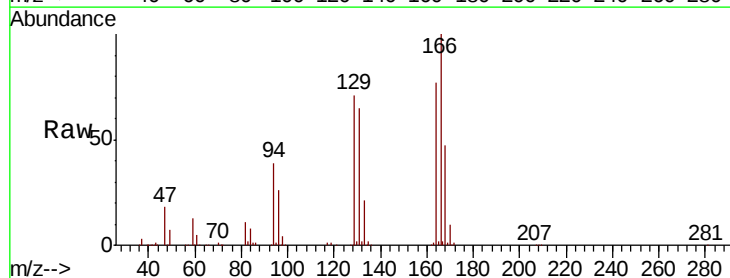
Instrument :
MSVOA_Y
ClientSampled :

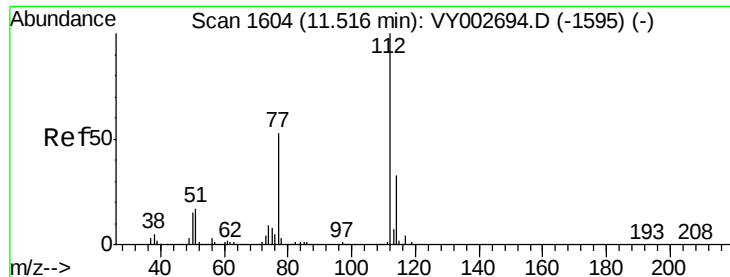
Tot Ion:117 Resp: 540341
Ion Ratio Lower Upper
117 100
82 50.1 40.3 60.5
119 32.4 26.2 39.4



#64
Tetrachloroethene
Concen: 20.307 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Tgt Ion:164 Resp: 104174
Ion Ratio Lower Upper
164 100
166 129.1 101.6 152.4
129 91.4 70.2 105.4
131 83.8 67.4 101.0





#65

Chlorobenzene

Concen: 20.260 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

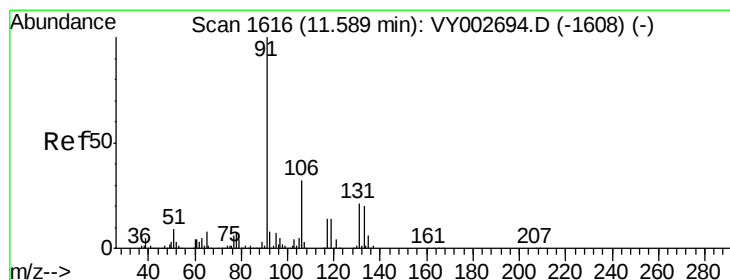
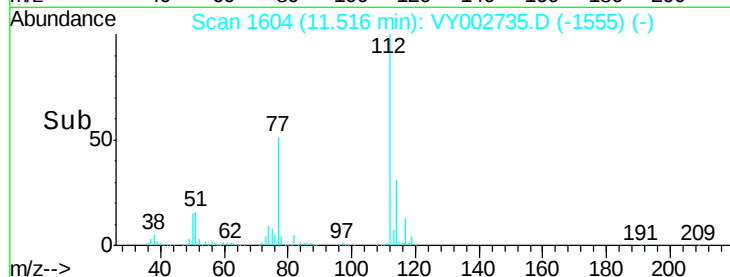
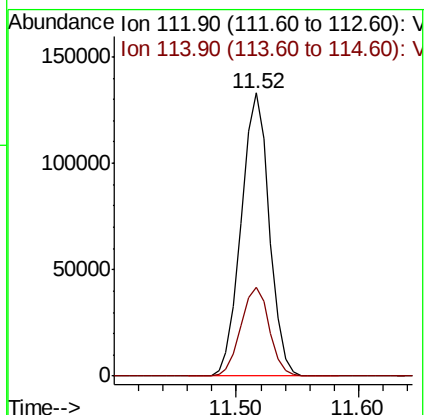
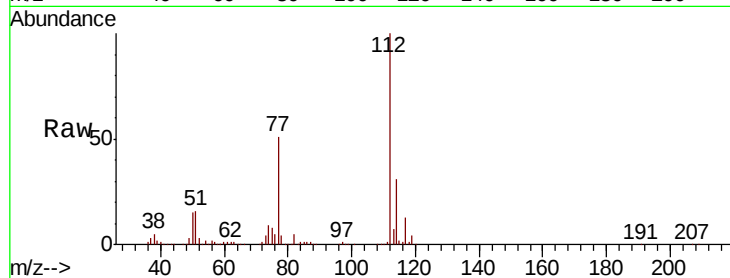
ClientSampled :

Tot Ion:112 Resp: 211545

Ion Ratio Lower Upper

112 100

114 31.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.448 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

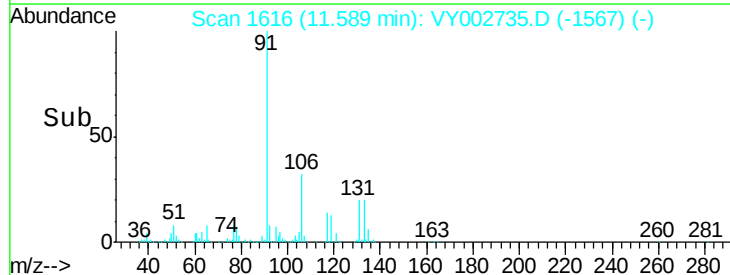
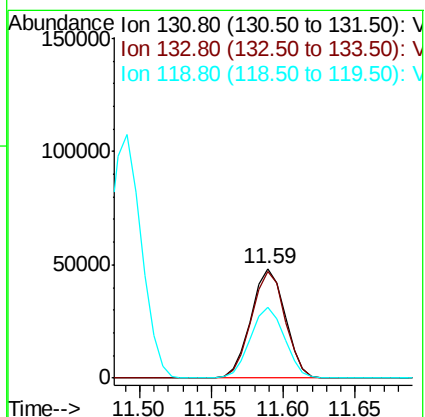
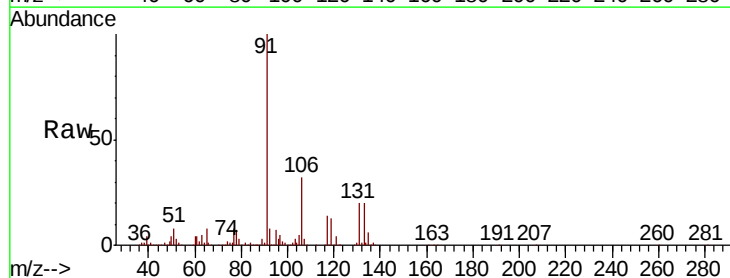
Tgt Ion:131 Resp: 79241

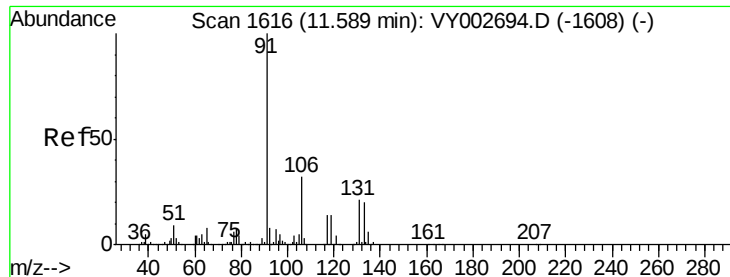
Ion Ratio Lower Upper

131 100

133 96.6 47.4 142.3

119 64.6 31.6 94.8





#67

Ethyl Benzene

Concen: 20.346 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

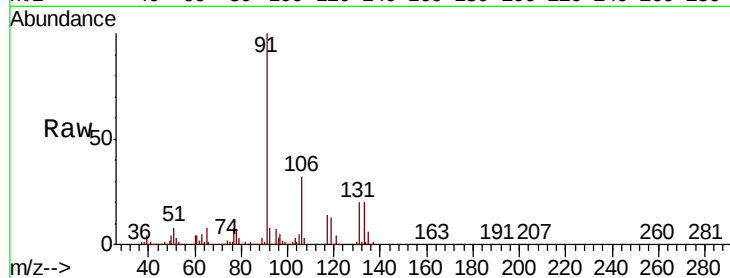
ClientSampleId :

Tot Ion: 91 Resp: 373005

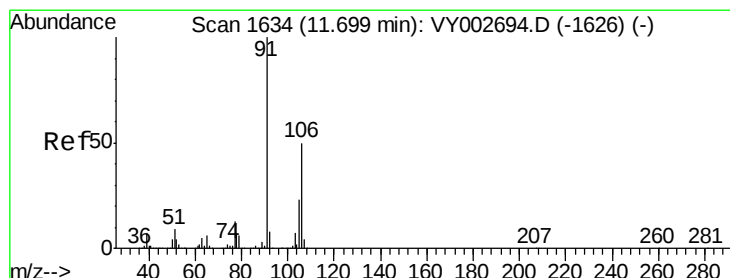
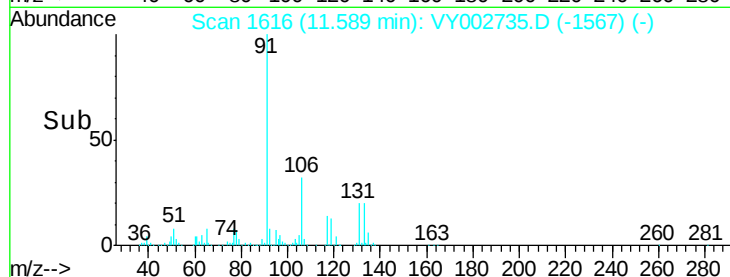
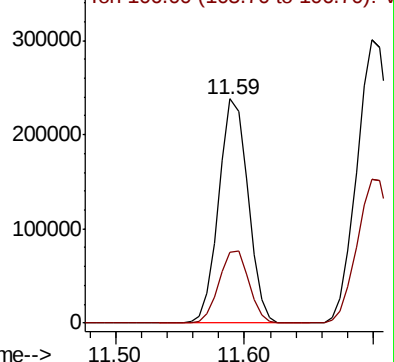
Ion Ratio Lower Upper

91 100

106 31.7 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VY002735.D (-1567) (-)



#68

m/p-Xylenes

Concen: 40.401 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002735.D

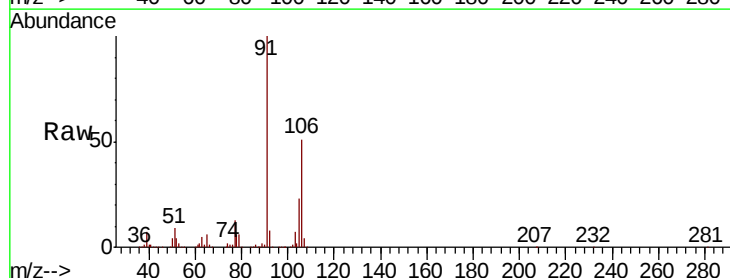
Acq: 21 May 2020 12:14

Tgt Ion: 106 Resp: 288160

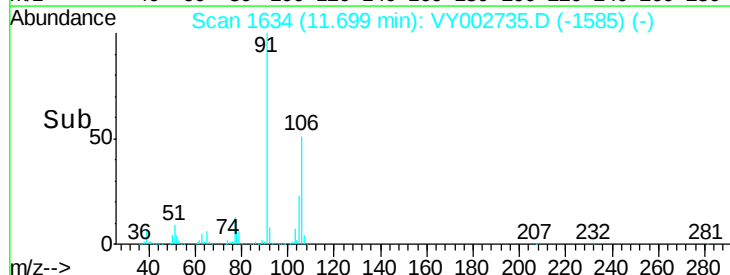
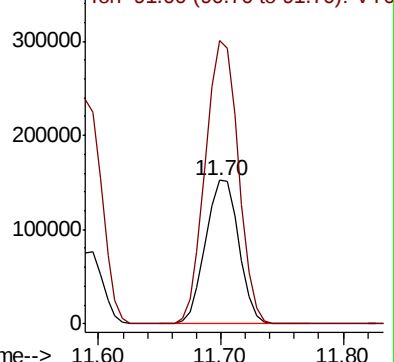
Ion Ratio Lower Upper

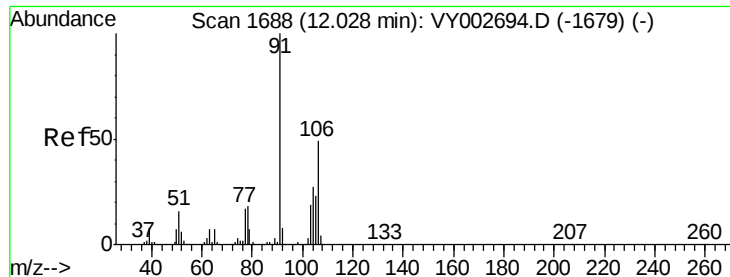
106 100

91 195.4 156.2 234.4



Abundance Ion 106.00 (105.70 to 106.70): VY002735.D (-1585) (-)

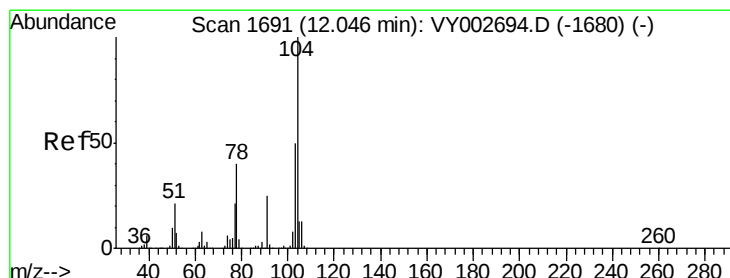
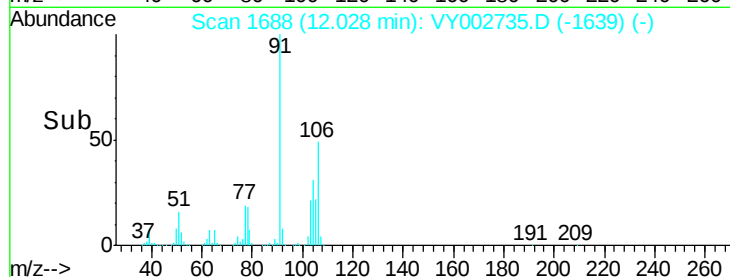
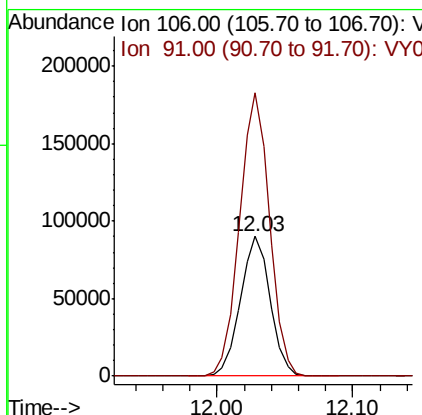
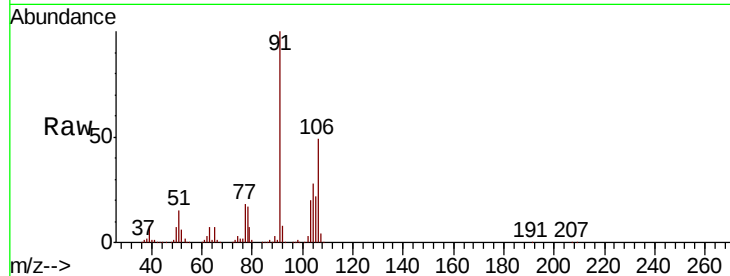




#69
o-Xylene
Concen: 20.553 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

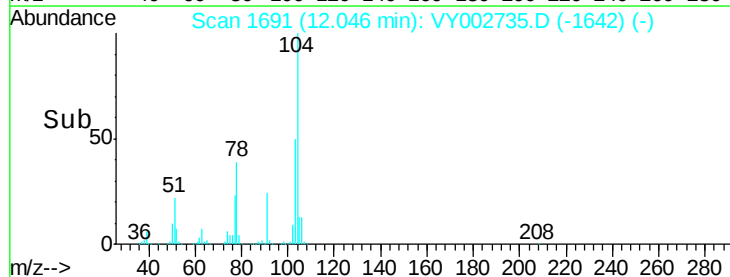
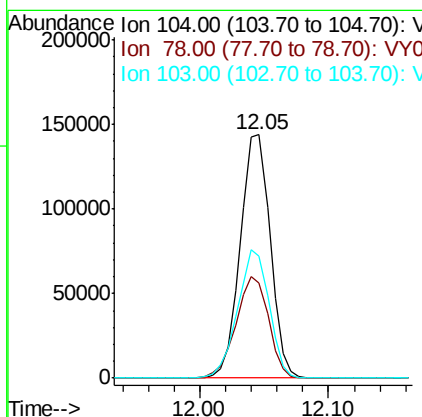
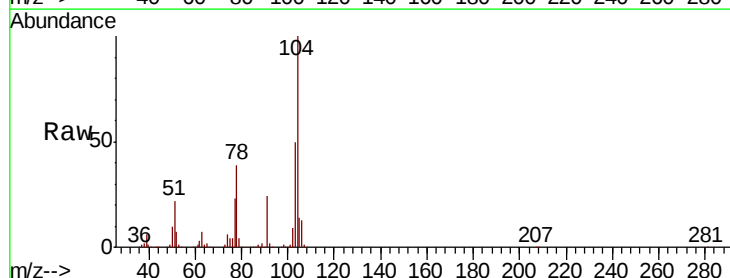
Instrument :
MSVOA_Y
ClientSampled :

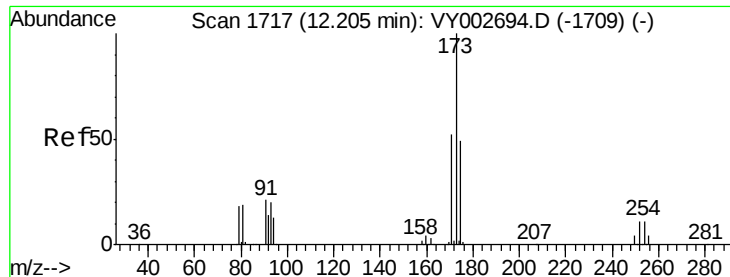
Tot Ion:106 Resp: 137589
Ion Ratio Lower Upper
106 100
91 203.7 103.5 310.3



#70
Styrene
Concen: 20.200 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Tgt Ion:104 Resp: 232170
Ion Ratio Lower Upper
104 100
78 45.2 36.6 54.8
103 55.3 44.1 66.1





#71

Bromoform

Concen: 21.399 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

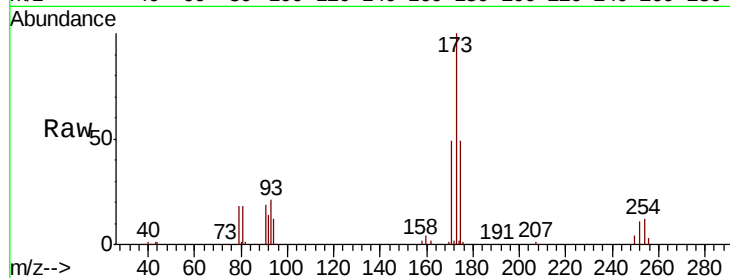
Tot Ion:173 Resp: 51259

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.4

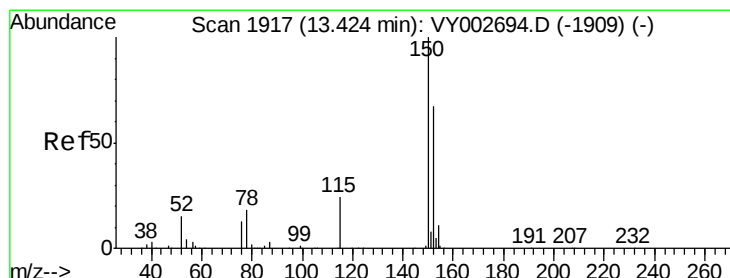
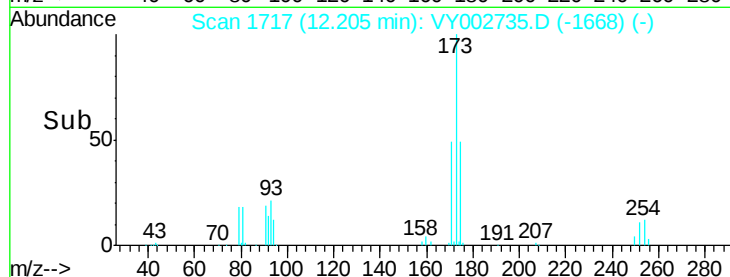
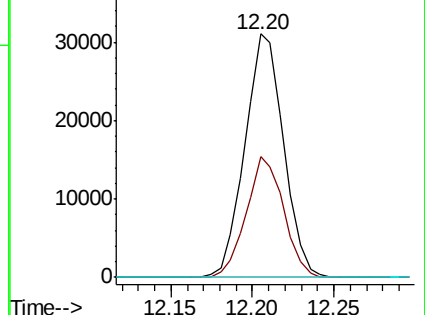
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

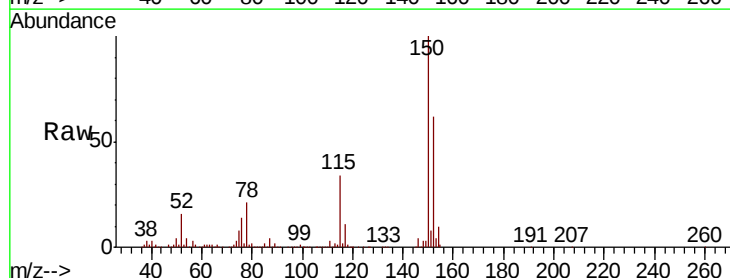
Tgt Ion:152 Resp: 282027

Ion Ratio Lower Upper

152 100

115 54.4 27.2 81.6

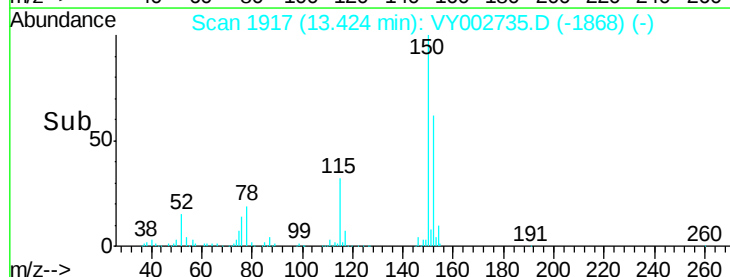
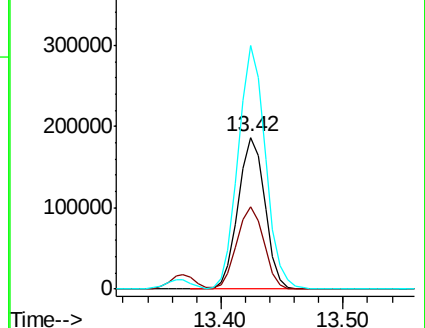
150 163.8 0.0 343.8

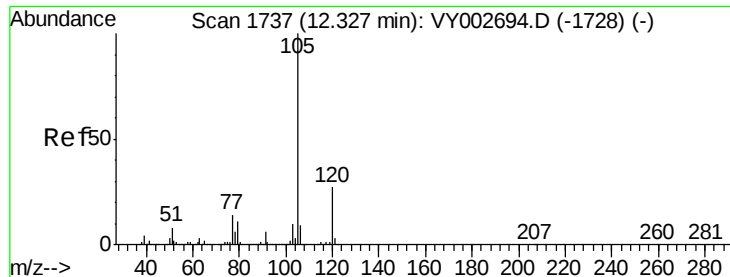


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.339 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

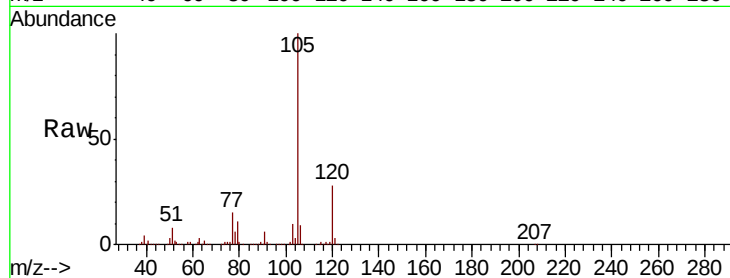
ClientSampled :

Tot Ion:105 Resp: 374808

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

250000

200000

150000

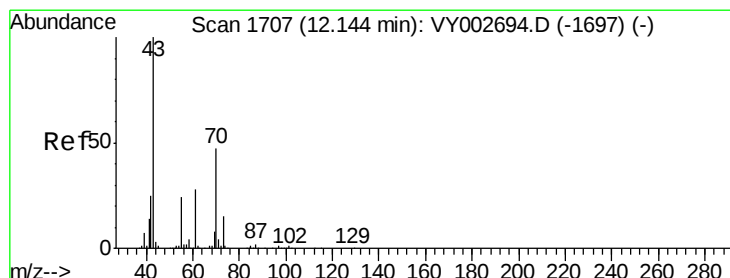
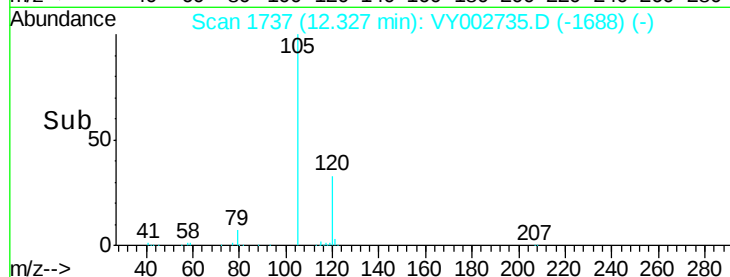
100000

50000

0

Time-->

12.30 12.40



#74

N-ethyl acetate

Concen: 21.649 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Tgt Ion: 43 Resp: 93619

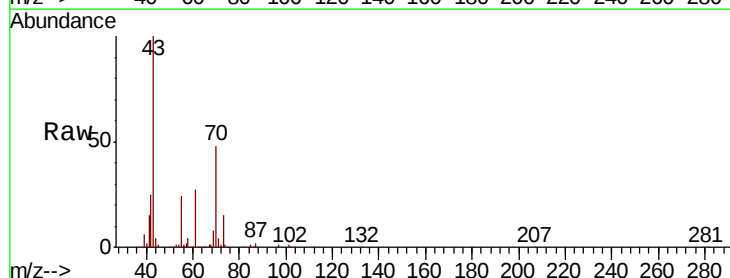
Ion Ratio Lower Upper

43 100

70 47.7 37.7 56.5

55 24.5 19.4 29.0

61 26.4 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

100000

80000

60000

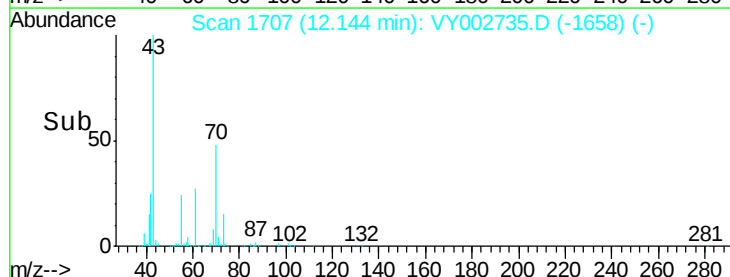
40000

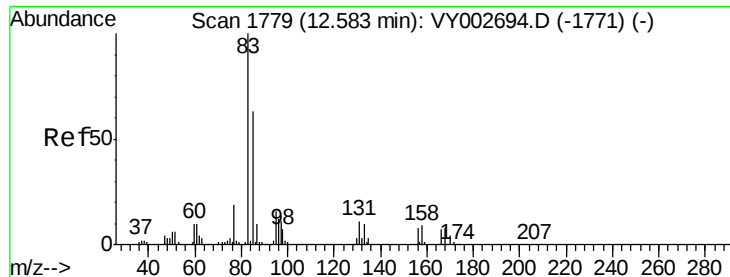
20000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 21.439 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

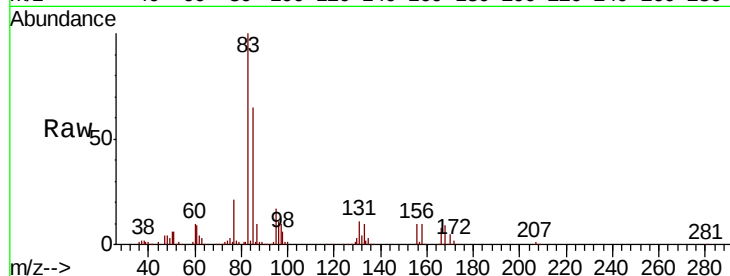
Tot Ion: 83 Resp: 58178

Ion Ratio Lower Upper

83 100

131 11.9 5.8 17.3

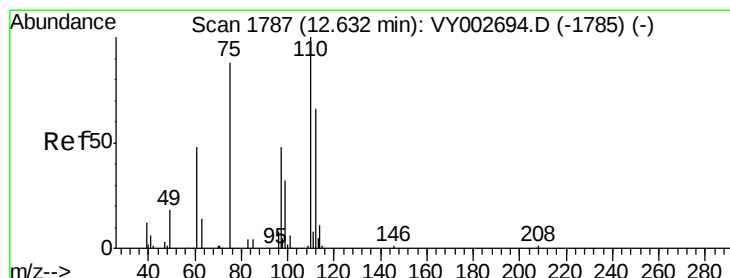
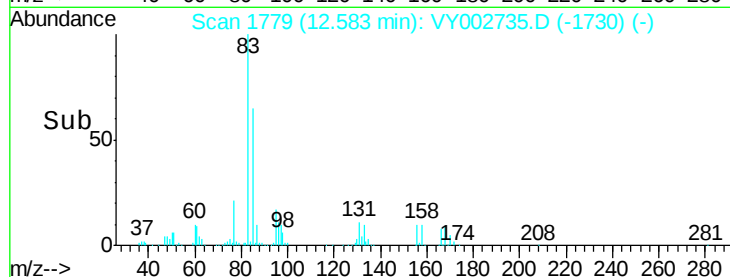
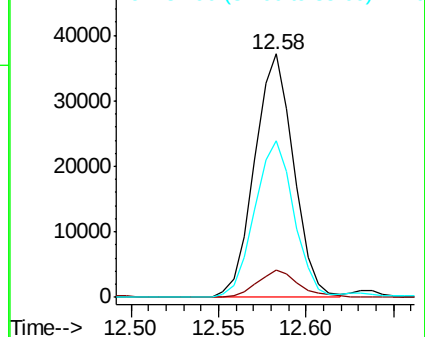
85 64.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002735.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002735.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002735.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 39.922 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002735.D

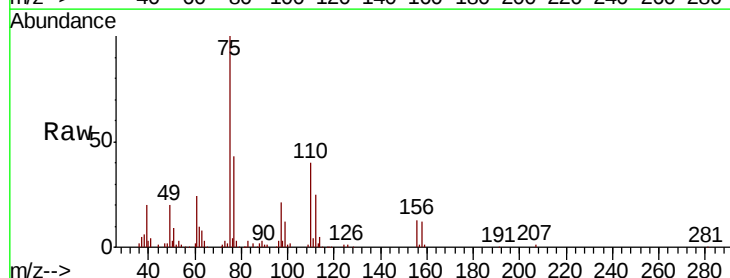
Acq: 21 May 2020 12:14

Tgt Ion: 75 Resp: 92490

Ion Ratio Lower Upper

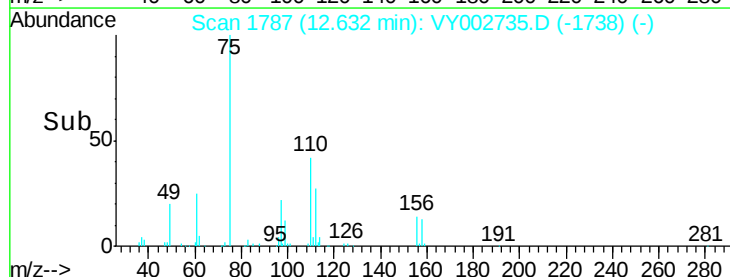
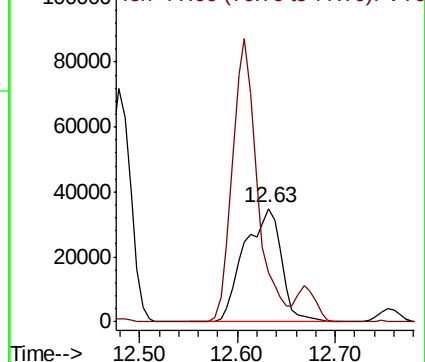
75 100

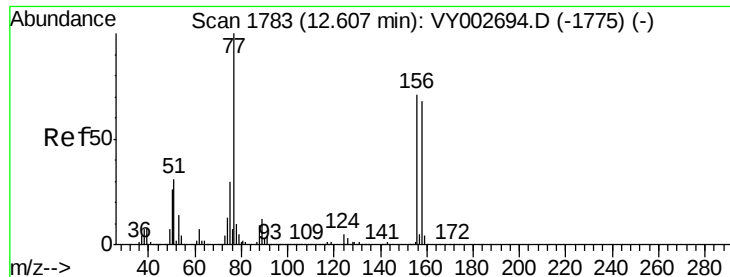
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002735.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002735.D (-1738) (-)





#77

Bromobenzene

Concen: 20.461 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

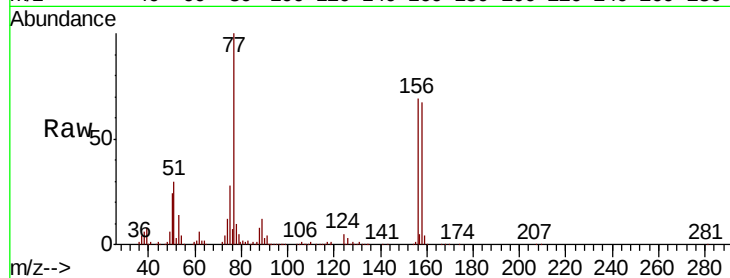
Tot Ion:156 Resp: 94268

Ion Ratio Lower Upper

156 100

77 163.3 80.8 242.3

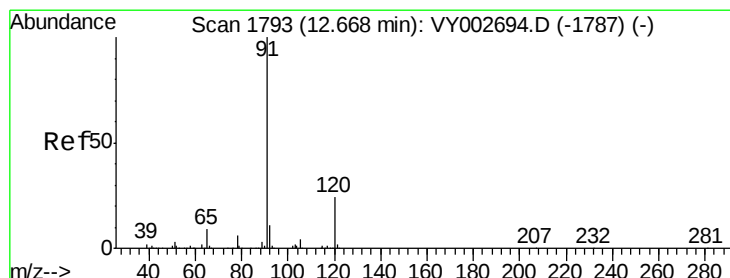
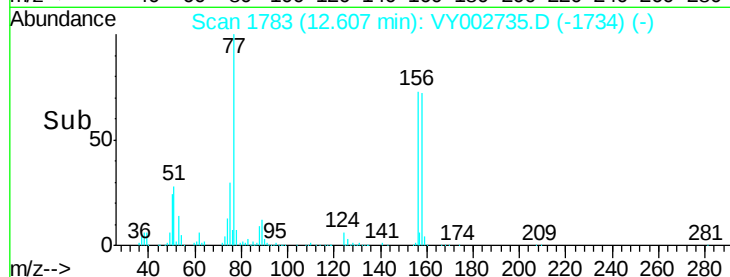
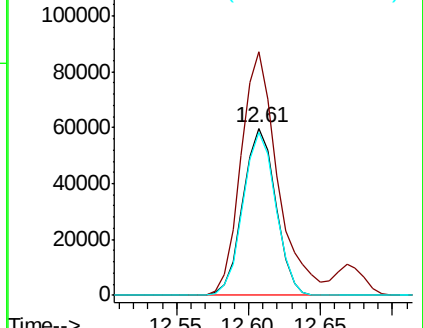
158 97.2 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.213 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002735.D

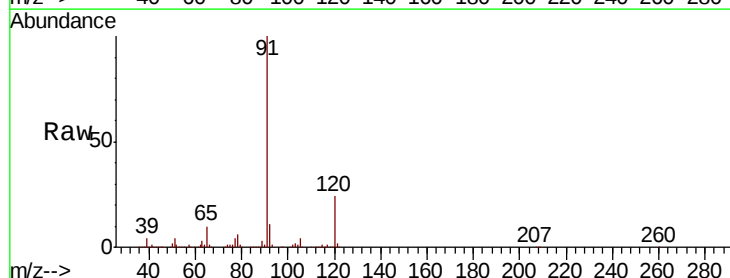
Acq: 21 May 2020 12:14

Tgt Ion: 91 Resp: 433325

Ion Ratio Lower Upper

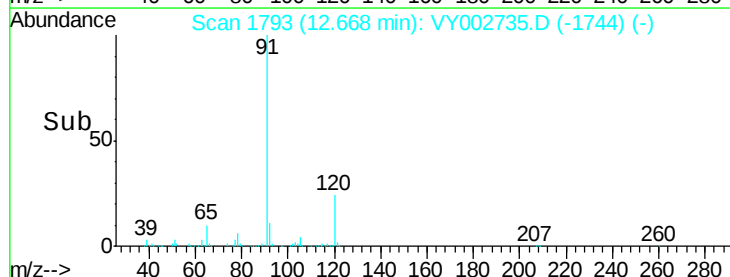
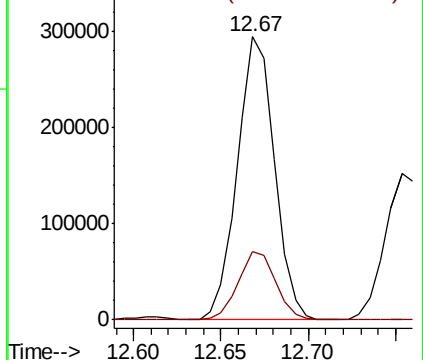
91 100

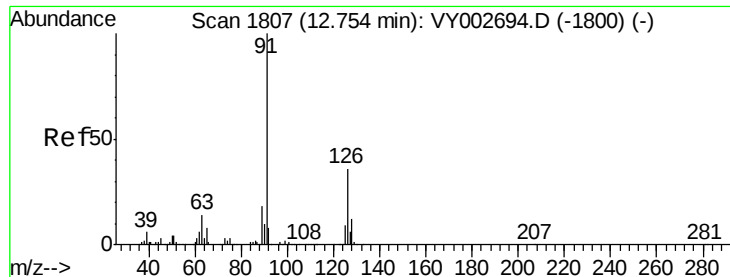
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

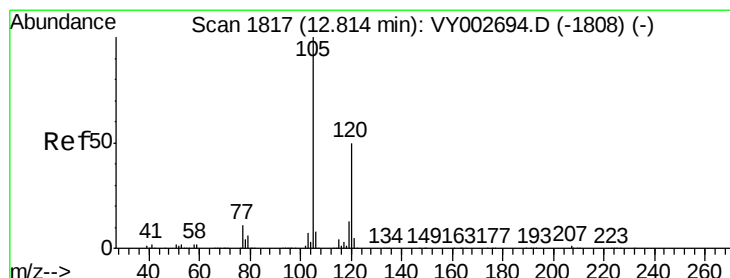
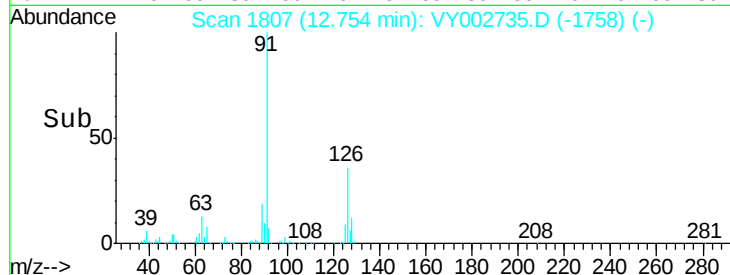
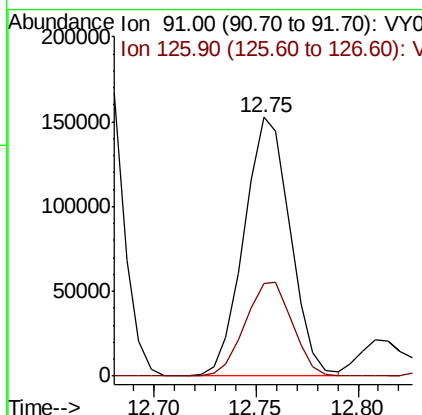
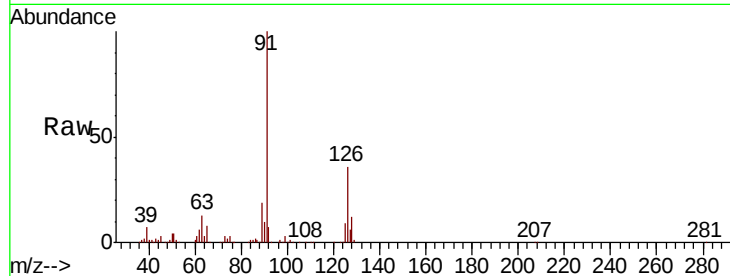




#79
 2-Chlorotoluene
 Concen: 20.246 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002735.D
 Acq: 21 May 2020 12:14

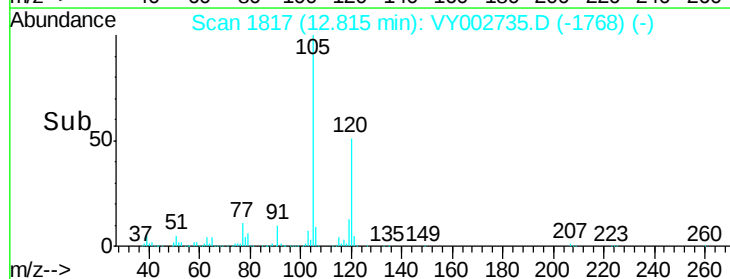
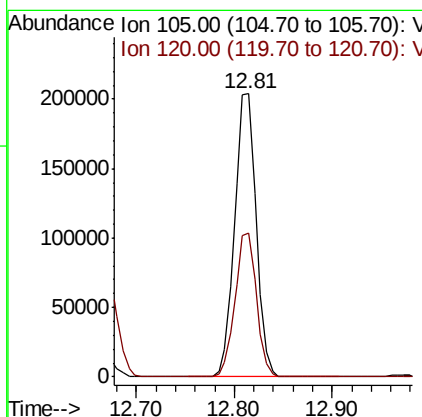
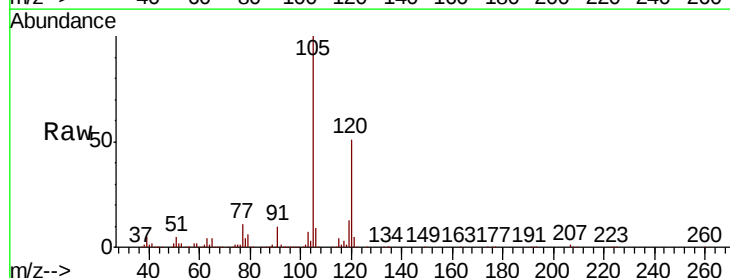
Instrument :
 MSVOA_Y
 ClientSampleId :

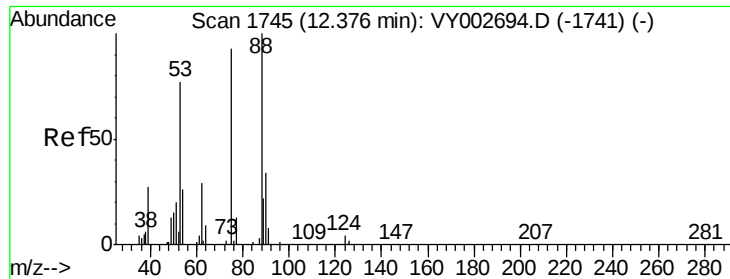
Tot Ion: 91 Resp: 240727
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.4 55.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.127 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002735.D
 Acq: 21 May 2020 12:14

Tgt Ion: 105 Resp: 311653
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 21.509 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

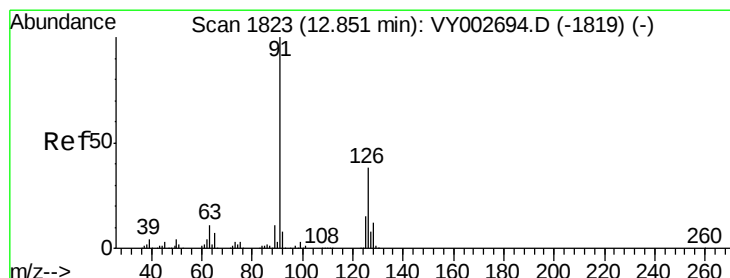
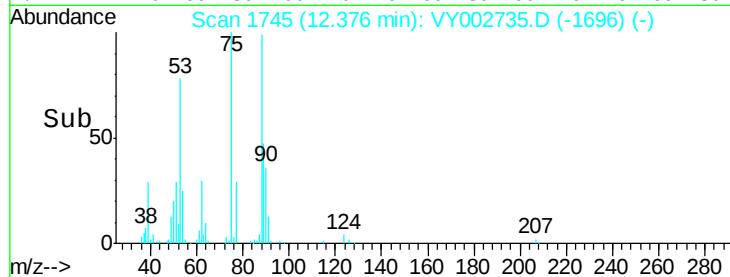
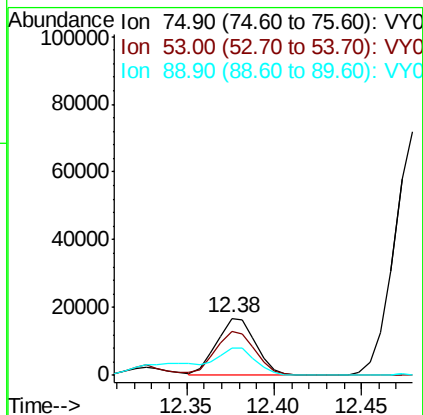
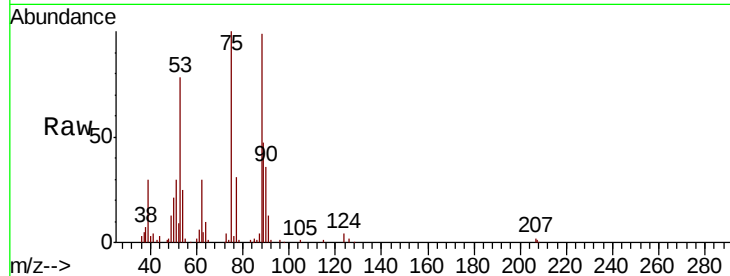
Tot Ion: 75 Resp: 26349

Ion Ratio Lower Upper

75 100

53 77.5 65.0 97.6

89 47.3 66.6 99.8#



#82

4-Chlorotoluene

Concen: 20.195 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002735.D

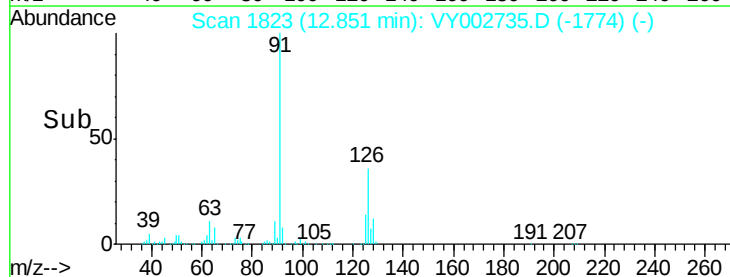
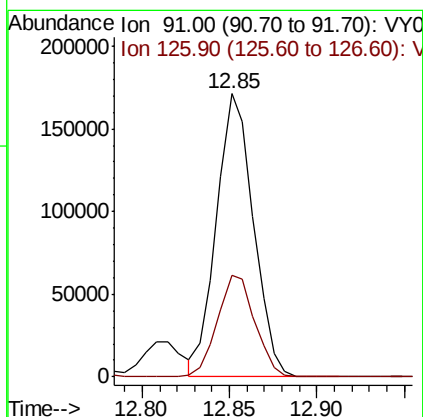
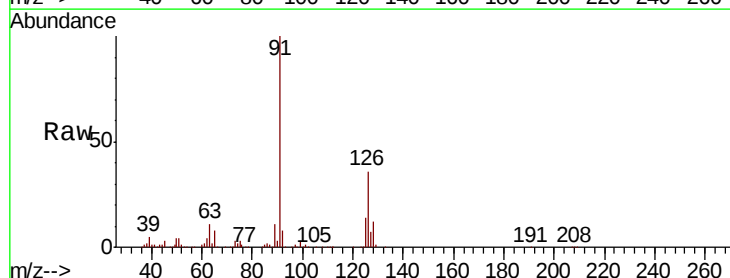
Acq: 21 May 2020 12:14

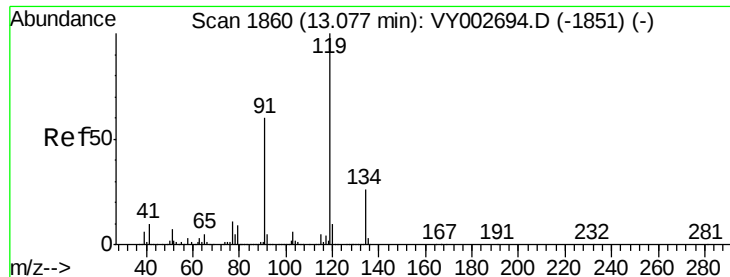
Tgt Ion: 91 Resp: 251519

Ion Ratio Lower Upper

91 100

126 36.5 18.6 56.0





#83

tert-Butylbenzene

Concen: 20.115 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

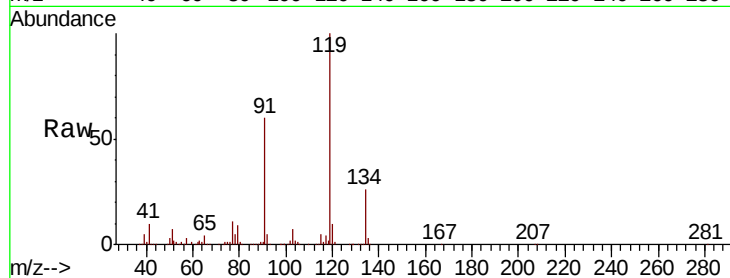
Tot Ion:119 Resp: 275655

Ion Ratio Lower Upper

119 100

91 60.5 30.4 91.2

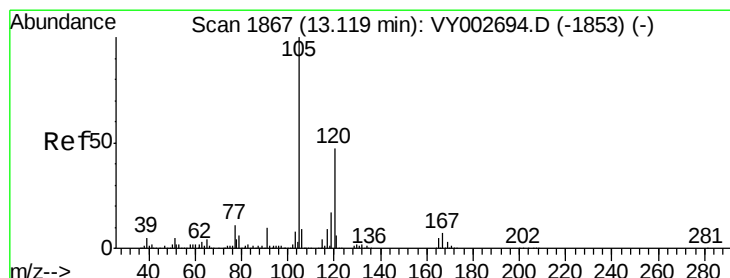
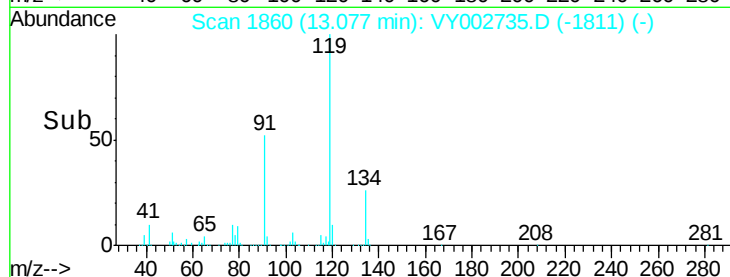
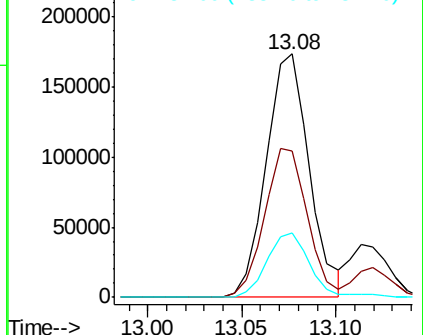
134 26.6 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.172 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002735.D

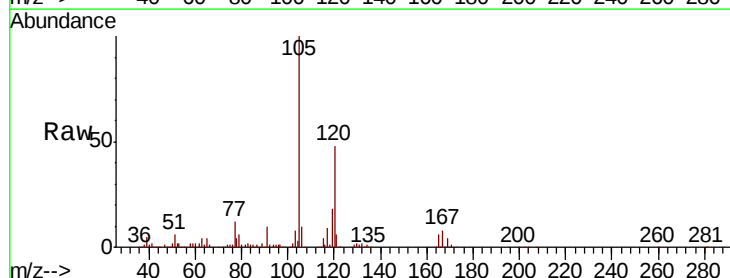
Acq: 21 May 2020 12:14

Tgt Ion:105 Resp: 312155

Ion Ratio Lower Upper

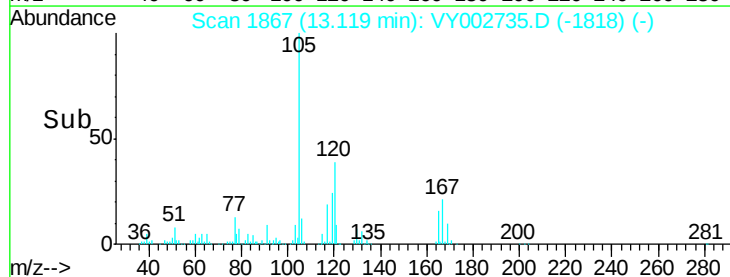
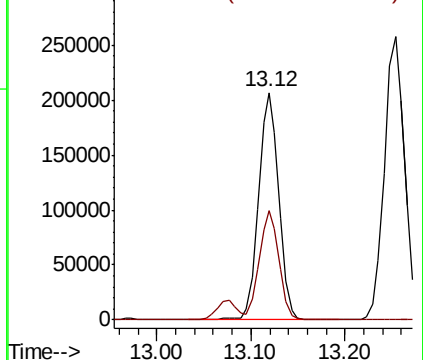
105 100

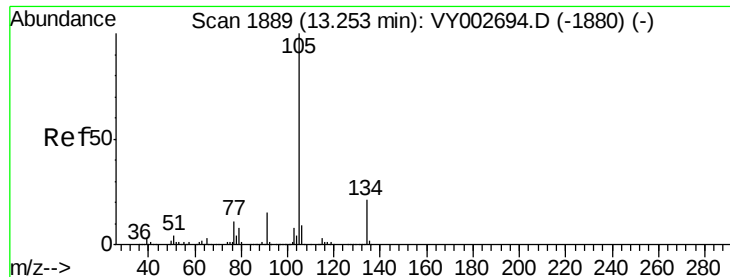
120 46.6 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.211 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

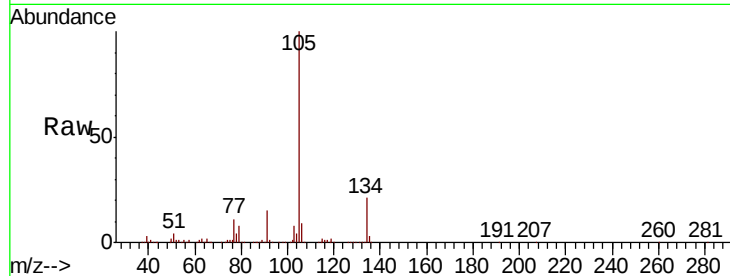
ClientSampleId :

Tot Ion:105 Resp: 382187

Ion Ratio Lower Upper

105 100

134 21.2 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

250000

200000

150000

100000

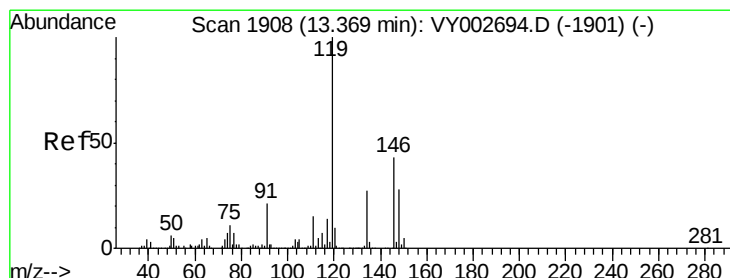
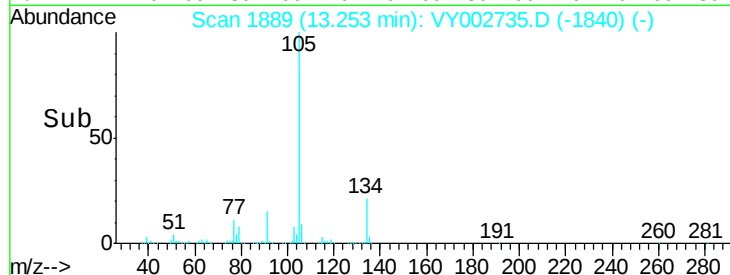
50000

0

13.25

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 20.087 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

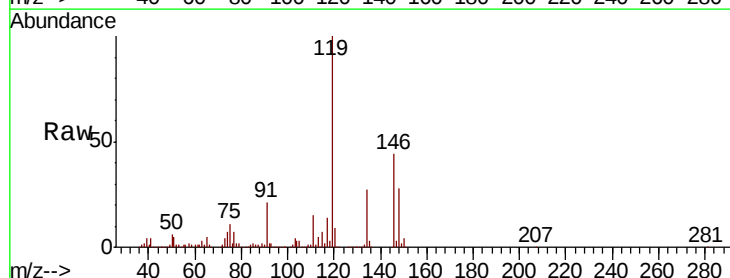
Tgt Ion:119 Resp: 355552

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 21.5 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

300000

200000

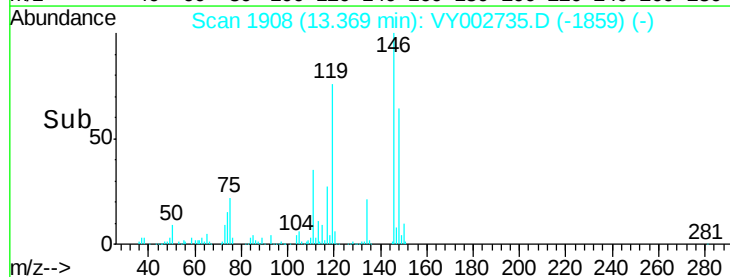
100000

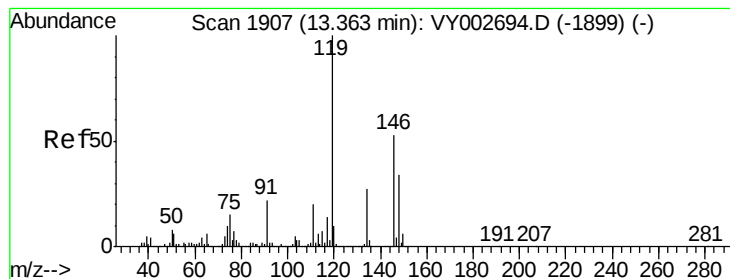
0

13.37

13.30 13.35 13.40 13.45

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.306 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

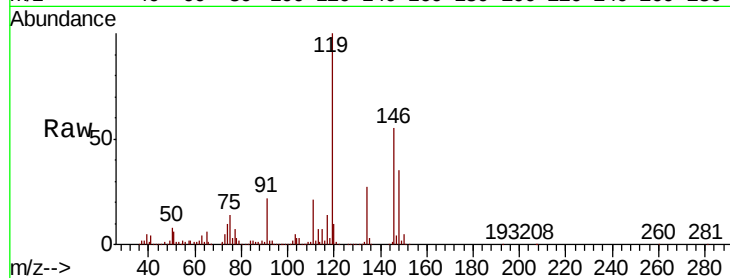
Tot Ion:146 Resp: 180375

Ion Ratio Lower Upper

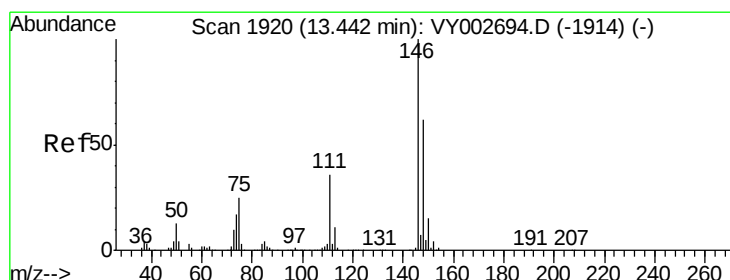
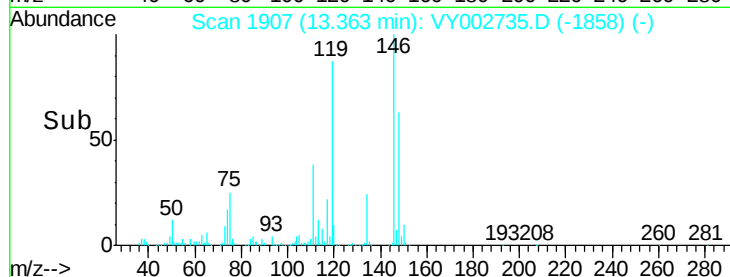
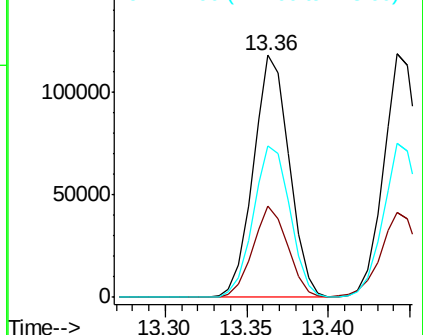
146 100

111 36.7 18.5 55.5

148 63.9 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.424 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

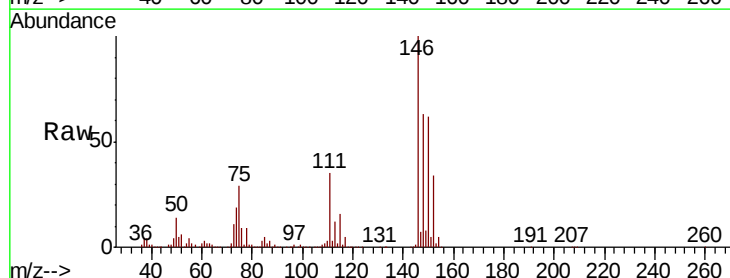
Tgt Ion:146 Resp: 180629

Ion Ratio Lower Upper

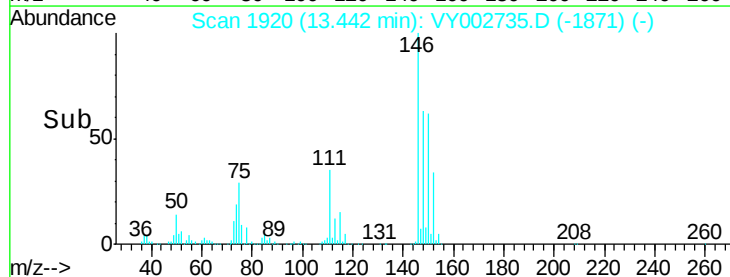
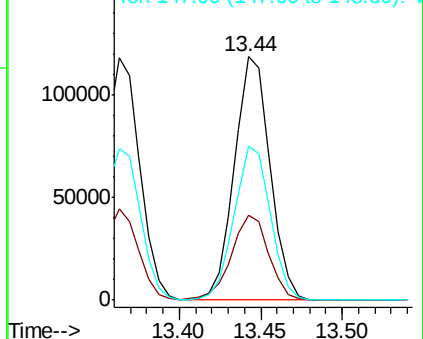
146 100

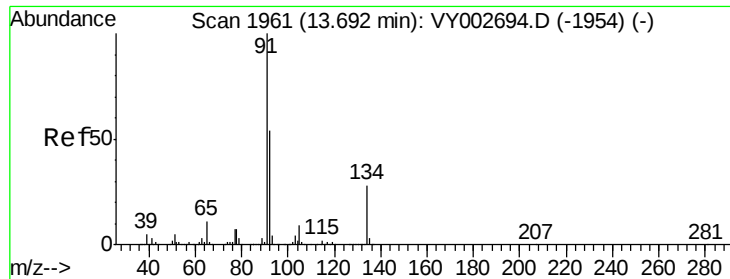
111 36.6 18.1 54.4

148 64.3 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.037 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

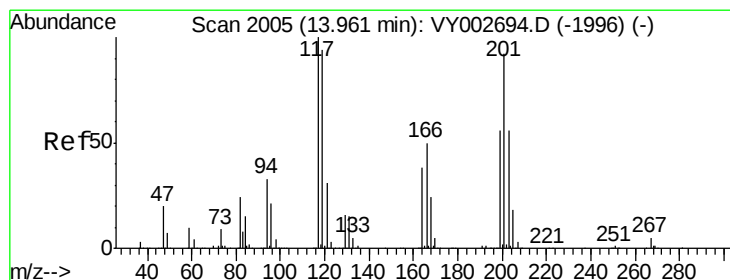
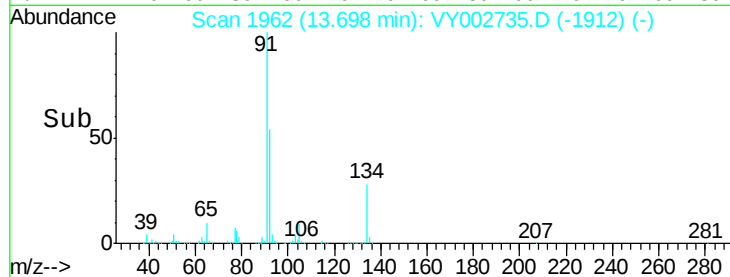
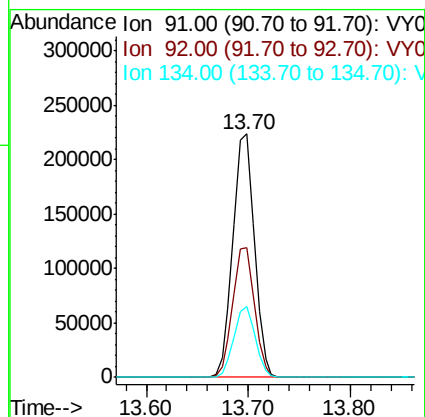
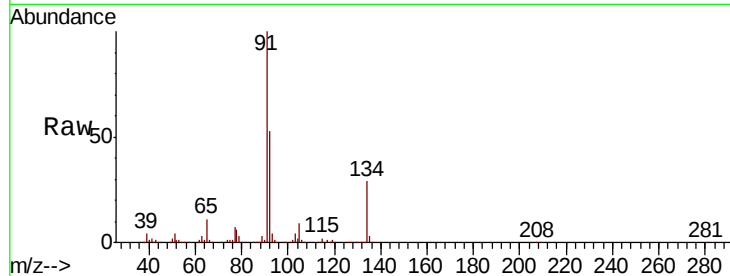
Tot Ion: 91 Resp: 325696

Ion Ratio Lower Upper

91 100

92 54.0 26.8 80.4

134 28.8 14.5 43.5



#90

Hexachloroethane

Concen: 19.842 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002735.D

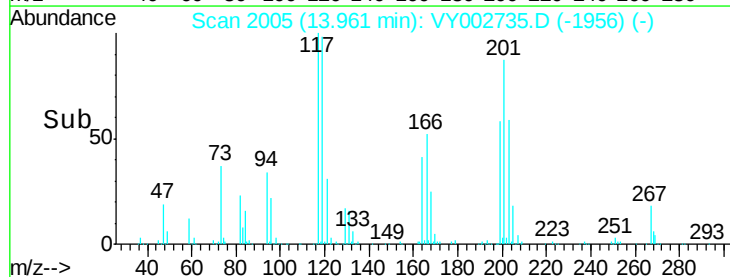
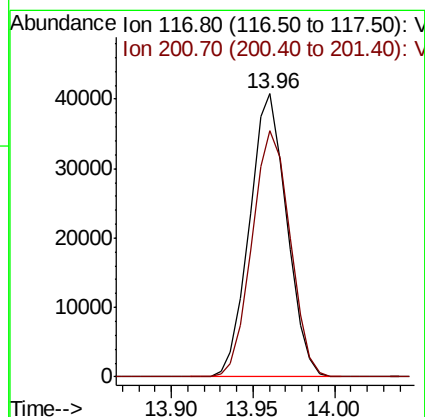
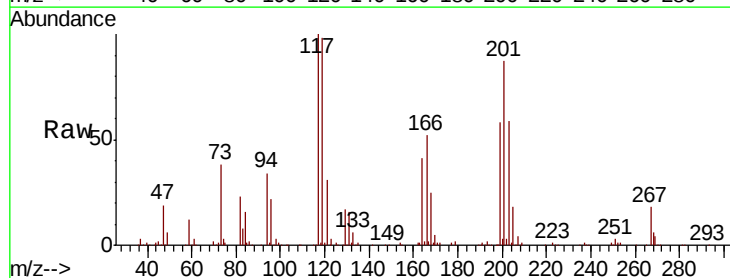
Acq: 21 May 2020 12:14

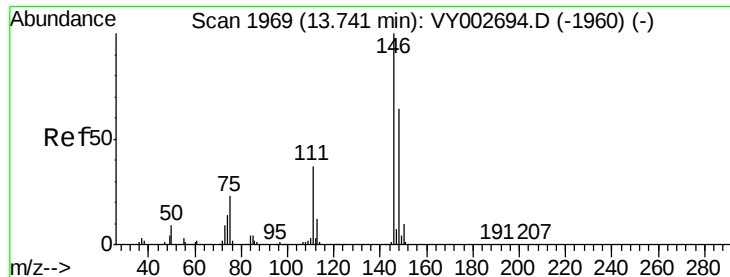
Tgt Ion: 117 Resp: 65050

Ion Ratio Lower Upper

117 100

201 88.7 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 20.373 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampled :

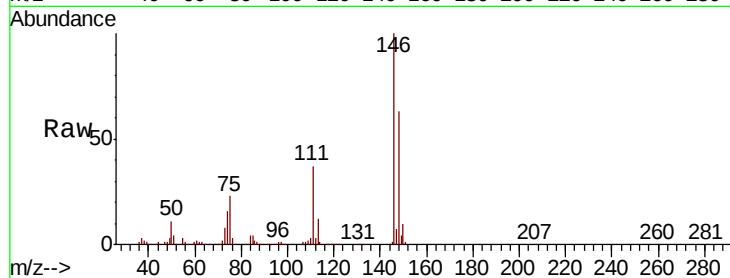
Tot Ion:146 Resp: 162307

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.1

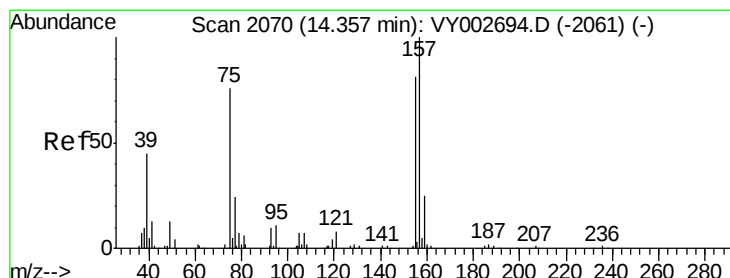
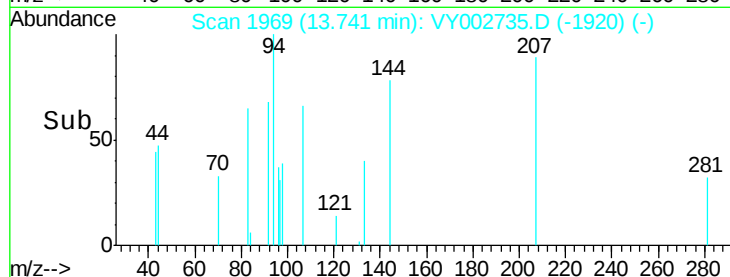
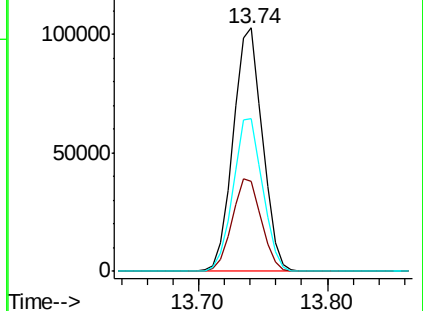
148 63.6 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.710 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002735.D

Acq: 21 May 2020 12:14

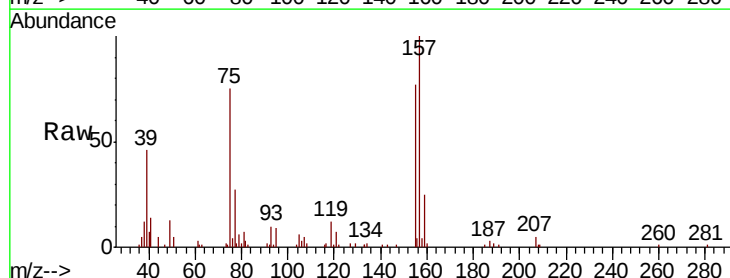
Tgt Ion: 75 Resp: 11298

Ion Ratio Lower Upper

75 100

155 104.2 53.5 160.7

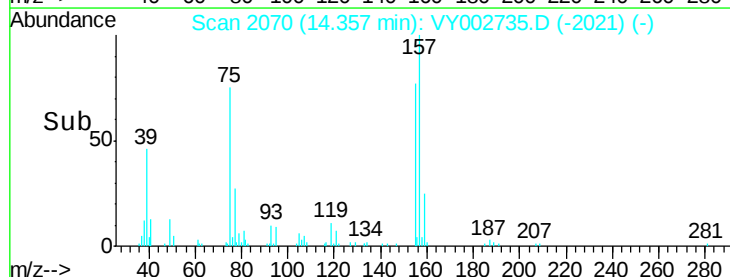
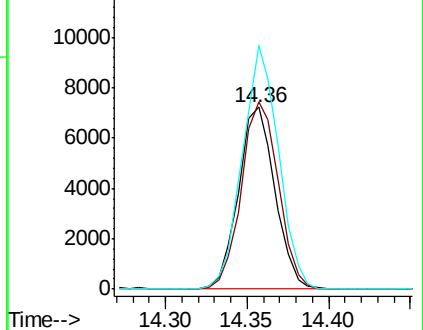
157 132.2 67.9 203.7

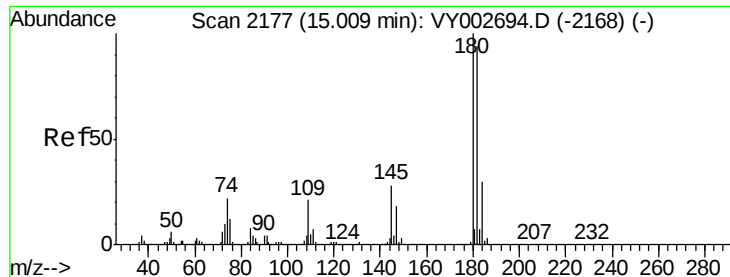


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

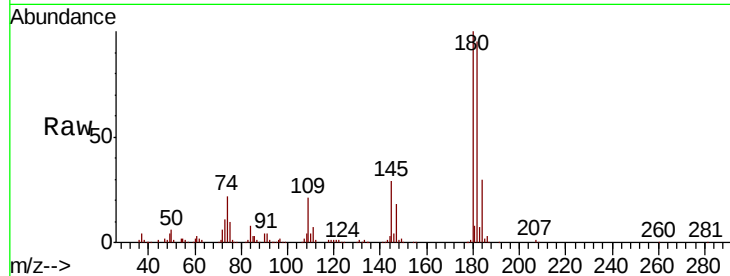




#93
 1,2,4-Trichlorobenzene
 Concen: 19.552 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002735.D
 Acq: 21 May 2020 12:14

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	142.0
145	28.8	14.1	42.2

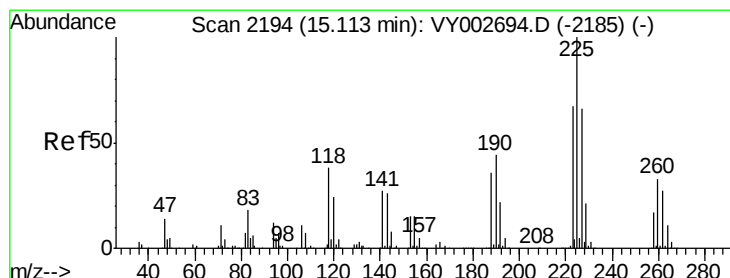
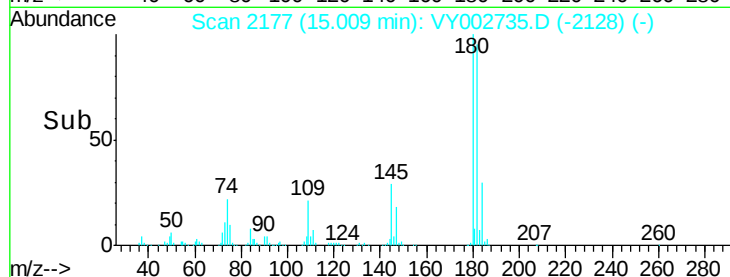
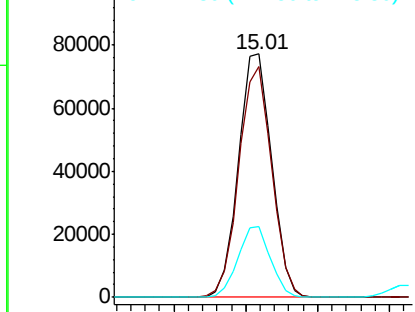


Abundance

Ion 179.80 (179.50 to 180.50): V

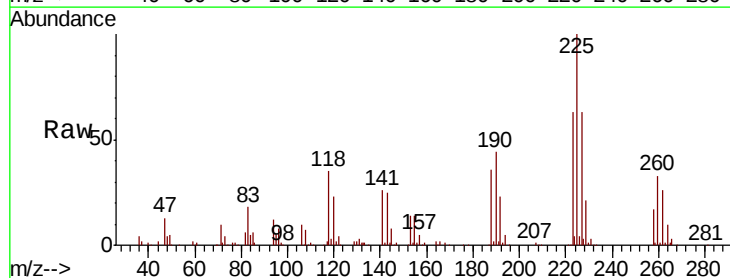
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.226 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002735.D
 Acq: 21 May 2020 12:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.6	94.8
227	64.6	32.2	96.6

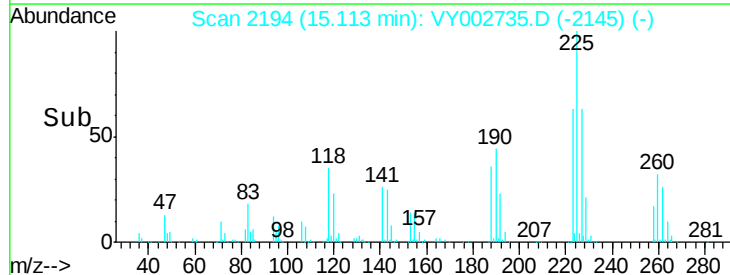
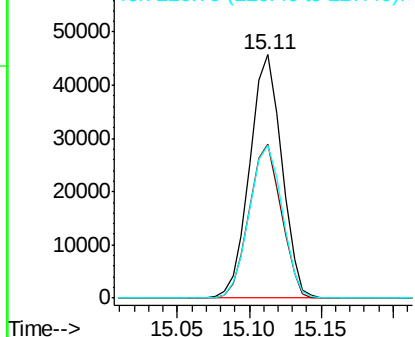


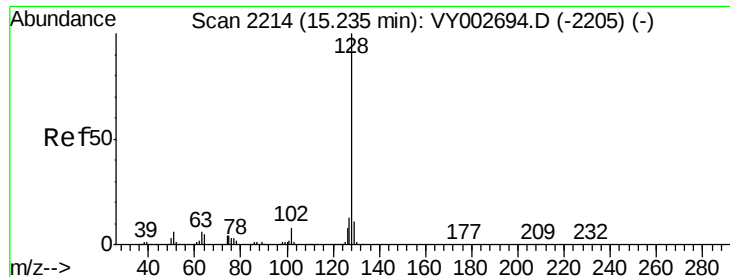
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

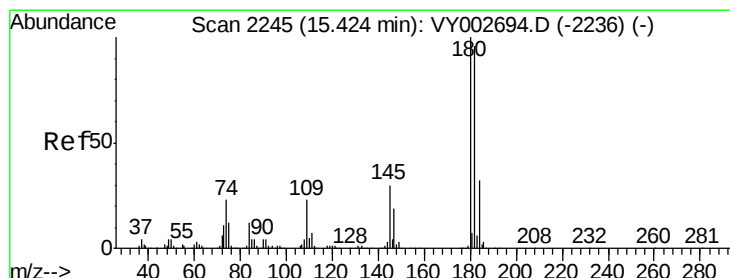
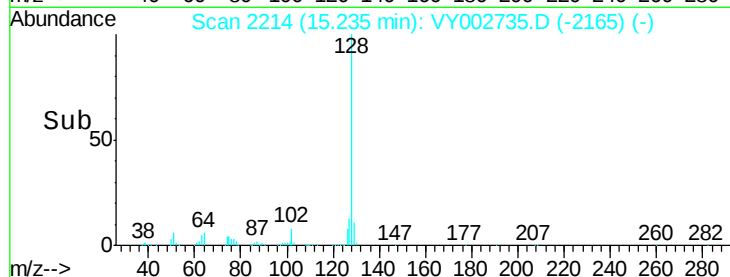
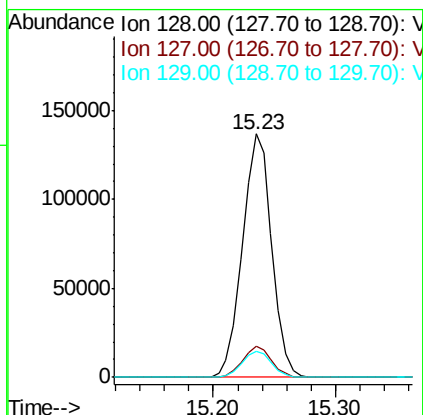
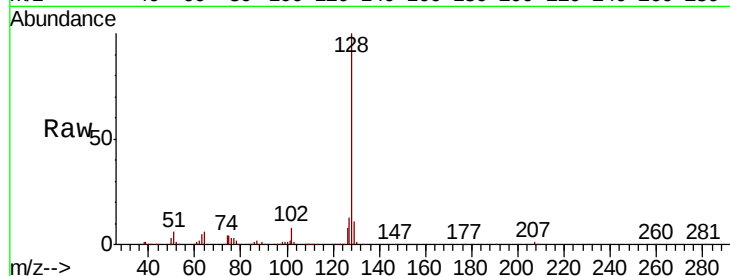




#95
Naphthalene
Concen: 20.636 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 226417
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.570 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002735.D
Acq: 21 May 2020 12:14

Tgt Ion:180 Resp: 105732
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.9
145 29.9 15.1 45.3

