

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051520\
 Data File : VY002697.D
 Acq On : 15 May 2020 14:01
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 15 14:20:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 15 13:29:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	363011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	534858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	486286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	252756	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	149795	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
35) Dibromofluoromethane	7.72	113	156367	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	10.18	98	631477	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.48	95	211649	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	127161	48.885	ug/l	98
3) Chloromethane	2.12	50	144380	48.465	ug/l	100
4) Vinyl Chloride	2.25	62	158638	51.103	ug/l	97
5) Bromomethane	2.65	94	118995	51.719	ug/l	100
6) Chloroethane	2.79	64	101373	51.067	ug/l	98
7) Trichlorofluoromethane	3.13	101	268851	51.391	ug/l	100
8) Diethyl Ether	3.53	74	91987	51.688	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	163352	51.511	ug/l	99
10) Methyl Iodide	4.10	142	227588	52.139	ug/l	100
11) Tert butyl alcohol	4.96	59	73005	253.164	ug/l	99
12) 1,1-Dichloroethene	3.88	96	163571	51.371	ug/l	98
13) Acrolein	3.74	56	82150	242.884	ug/l	99
14) Allyl chloride	4.49	41	237738	52.007	ug/l	99
15) Acrylonitrile	5.17	53	213087	264.437	ug/l	99
16) Acetone	3.96	43	168505	287.870	ug/l	97
17) Carbon Disulfide	4.20	76	512134	51.276	ug/l	99
18) Methyl Acetate	4.49	43	87731	52.566	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	411215	52.066	ug/l	98
20) Methylene Chloride	4.72	84	179933	50.853	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	180535	50.989	ug/l	99
22) Diisopropyl ether	6.13	45	467312	51.526	ug/l	99
23) Vinyl Acetate	6.07	43	1538072	264.851	ug/l	99
24) 1,1-Dichloroethane	6.03	63	277846	51.269	ug/l	100
25) 2-Butanone	6.99	43	255936	264.263	ug/l	100
26) 2,2-Dichloropropane	6.99	77	258809	51.326	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	197222	51.551	ug/l	100
28) Bromochloromethane	7.34	49	103814	48.424	ug/l	99
29) Tetrahydrofuran	7.35	42	175241	265.939	ug/l	99
30) Chloroform	7.52	83	289253	51.426	ug/l	100
31) Cyclohexane	7.78	56	269865	49.097	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	269185	51.794	ug/l	100
36) 1,1-Dichloropropene	7.93	75	234988	51.898	ug/l	100
37) Ethyl Acetate	7.08	43	118260	53.103	ug/l	99
38) Carbon Tetrachloride	7.91	117	256363	52.681	ug/l	96

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

39) Methylcyclohexane	9.19	83	312552	51.337	ug/l	99
40) Benzene	8.16	78	680916	51.540	ug/l	100
41) Methacrylonitrile	7.35	41	159468	119.186	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	180278	51.738	ug/l	99
43) Isopropyl Acetate	8.28	43	221661	53.558	ug/l	99
44) Trichloroethene	8.94	130	216531	51.418	ug/l	100
45) 1,2-Dichloropropane	9.22	63	161962	51.654	ug/l	99
46) Dibromomethane	9.31	93	91340	51.850	ug/l	99
47) Bromodichloromethane	9.50	83	224081	52.120	ug/l	100
48) Methyl methacrylate	9.30	41	101556	53.293	ug/l	98
49) 1,4-Dioxane	9.30	88	26250	1094.089	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	581864	272.303	ug/l	99
52) Toluene	10.24	92	438310	51.267	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	241911	52.717	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	278127	52.281	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	134977	51.466	ug/l	99
56) Ethyl methacrylate	10.51	69	188440	53.971	ug/l	99
57) 1,3-Dichloropropane	10.79	76	229621	52.246	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	443465	257.282	ug/l	100
59) 2-Hexanone	10.83	43	410410	275.679	ug/l	99
60) Dibromochloromethane	10.99	129	176430	52.658	ug/l	99
61) 1,2-Dibromoethane	11.09	107	134942	52.224	ug/l	100
64) Tetrachloroethene	10.72	164	236438	51.214	ug/l	97
65) Chlorobenzene	11.52	112	487601	51.890	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	182016	52.191	ug/l	100
67) Ethyl Benzene	11.59	91	864720	52.410	ug/l	100
68) m/p-Xylenes	11.70	106	667278	103.954	ug/l	100
69) o-Xylene	12.03	106	315609	52.386	ug/l	97
70) Styrene	12.04	104	542971	52.492	ug/l	99
71) Bromoform	12.20	173	116131	53.870	ug/l #	99
73) Isopropylbenzene	12.33	105	854646	51.748	ug/l	100
74) N-amyl acetate	12.14	43	211095	54.469	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	132614	54.528	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	207625	99.997	ug/l #	100
77) Bromobenzene	12.61	156	213544	51.717	ug/l	100
78) n-propylbenzene	12.67	91	999716	52.034	ug/l	100
79) 2-Chlorotoluene	12.75	91	547078	51.339	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	720291	51.904	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	59871	54.534	ug/l #	77
82) 4-Chlorotoluene	12.85	91	574360	51.456	ug/l	99
83) tert-Butylbenzene	13.08	119	636776	51.848	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	717256	51.717	ug/l	99
85) sec-Butylbenzene	13.25	105	874583	51.605	ug/l	100
86) p-Isopropyltoluene	13.37	119	821856	51.808	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	408832	51.354	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	406897	51.338	ug/l	100
89) n-Butylbenzene	13.69	91	753508	51.724	ug/l	100
90) Hexachloroethane	13.96	117	150645	51.272	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	368988	51.680	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25378	54.414	ug/l	97

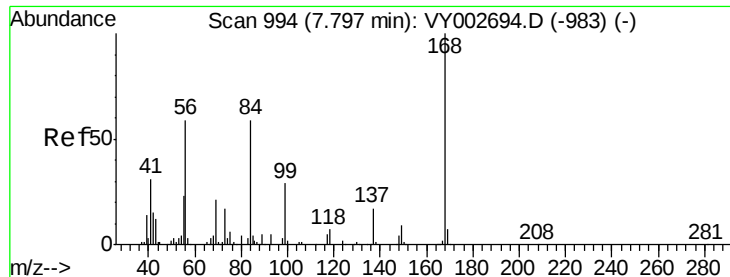
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051520\
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Quant Title : SW846 8260
QLast Update : Fri May 15 13:29:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	272739	49.383	ug/l	100
94) Hexachlorobutadiene	15.11	225	162504	48.556	ug/l	99
95) Naphthalene	15.23	128	504890	51.346	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	232205	53.233	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: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

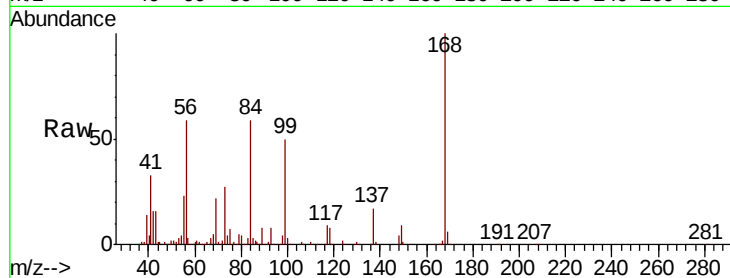
ClientSampled :

Tot Ion:168 Resp: 363011

Ion Ratio Lower Upper

168 100

99 49.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002697.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002697.D (-983) (-)

7.80

150000

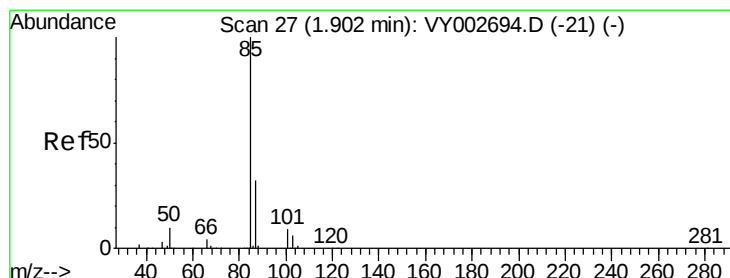
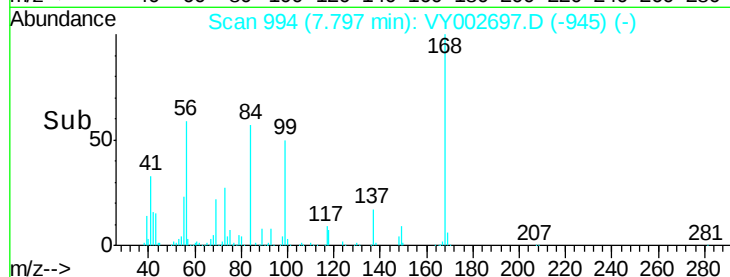
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.885 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002697.D

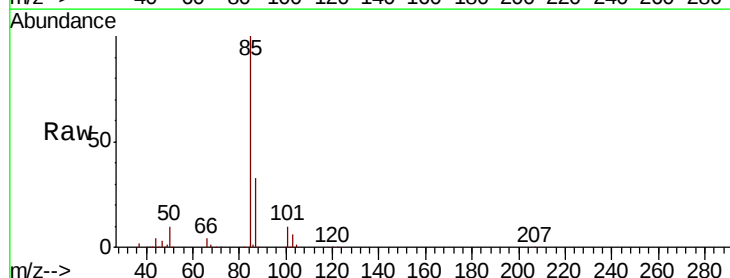
Acq: 15 May 2020 14:01

Tgt Ion: 85 Resp: 127161

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002697.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002697.D (-21) (-)

1.90

100000

80000

60000

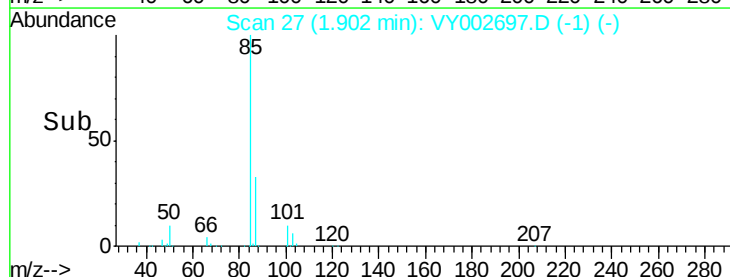
40000

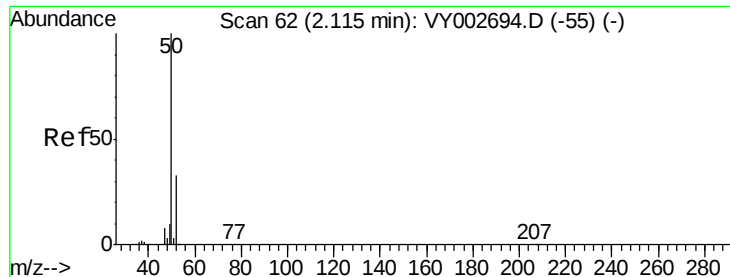
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.465 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

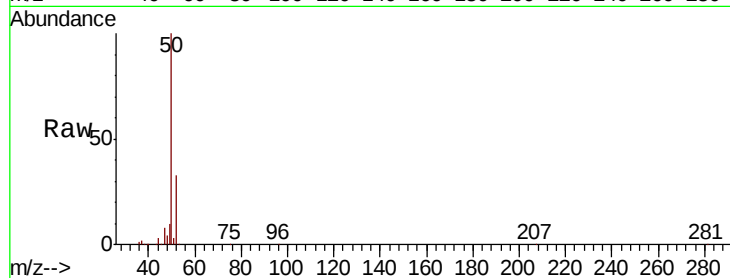
ClientSampleId :

Tot Ion: 50 Resp: 144380

Ion Ratio Lower Upper

50 100

52 32.7 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

100000

80000

60000

40000

20000

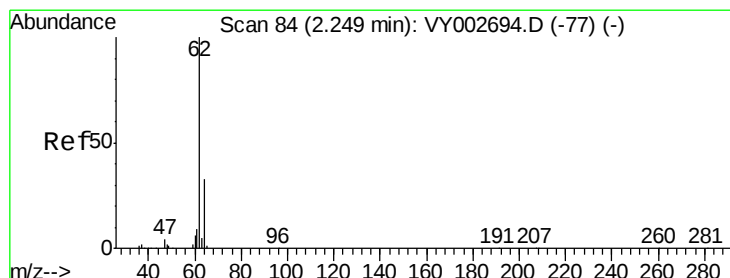
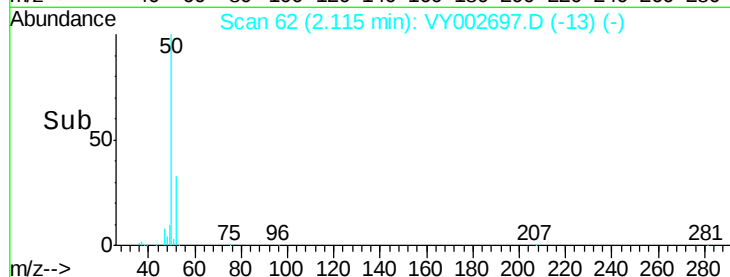
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Time-->

2.00

2.10

2.20



#4

Vinyl Chloride

Concen: 51.103 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY002697.D

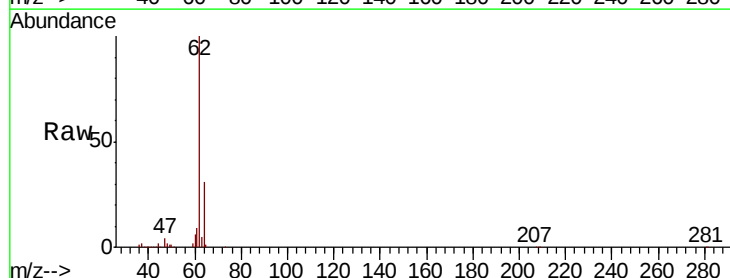
Acq: 15 May 2020 14:01

Tgt Ion: 62 Resp: 158638

Ion Ratio Lower Upper

62 100

64 30.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

100000

80000

60000

40000

20000

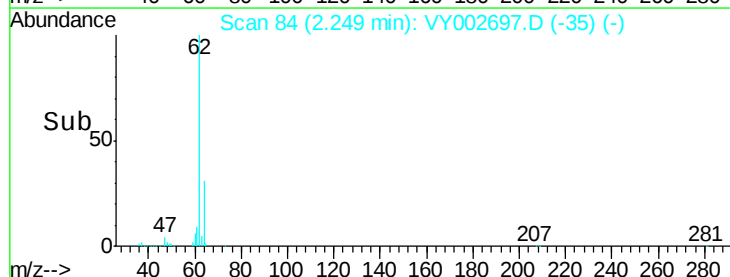
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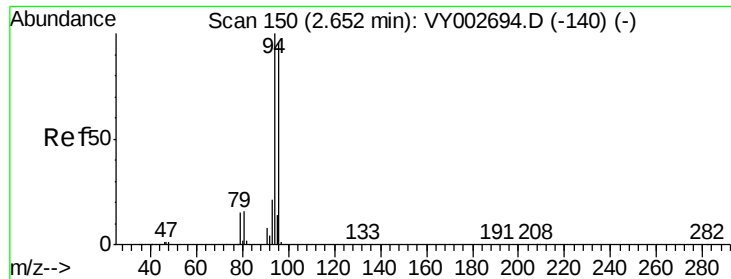
Time-->

2.20

2.30

2.40





#5

Bromomethane

Concen: 51.719 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

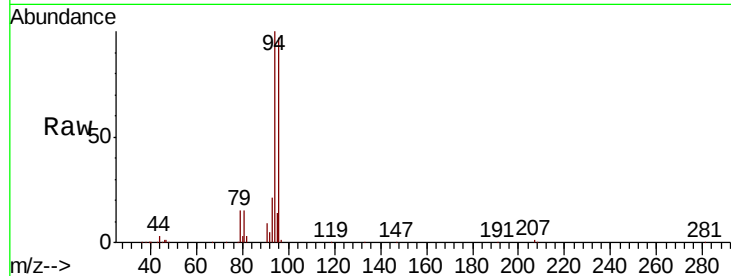
ClientSampleId :

Tot Ion: 94 Resp: 118995

Ion Ratio Lower Upper

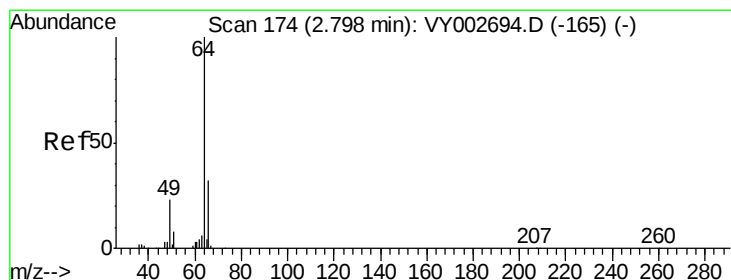
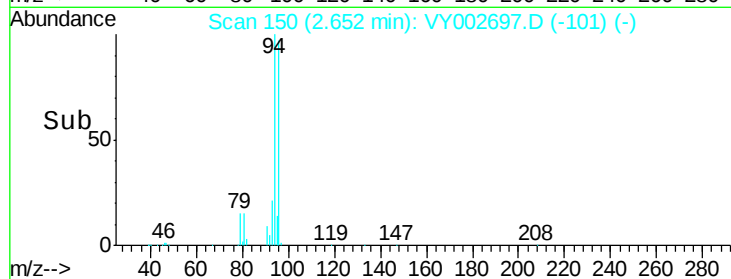
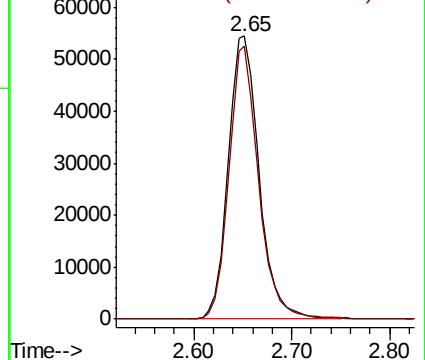
94 100

96 96.3 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.067 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002697.D

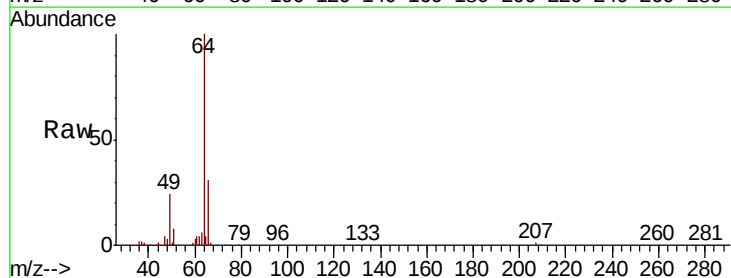
Acq: 15 May 2020 14:01

Tgt Ion: 64 Resp: 101373

Ion Ratio Lower Upper

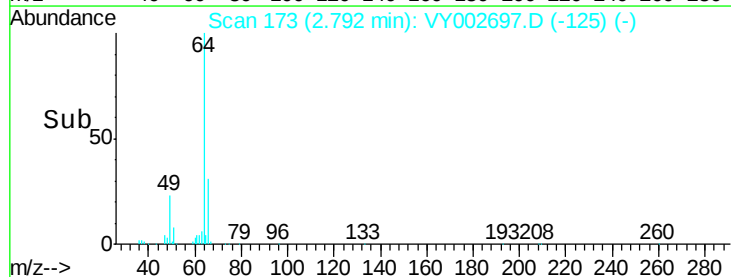
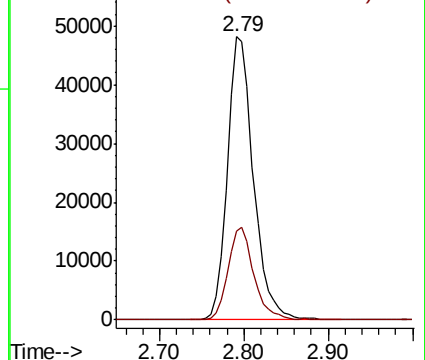
64 100

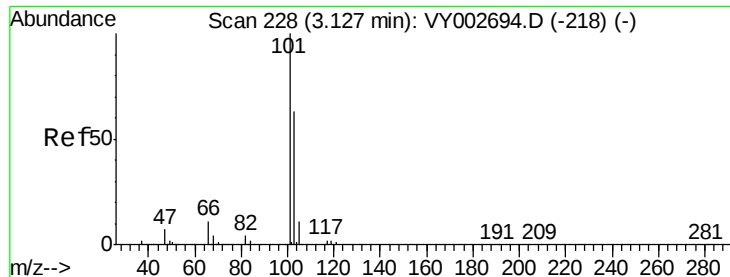
66 31.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



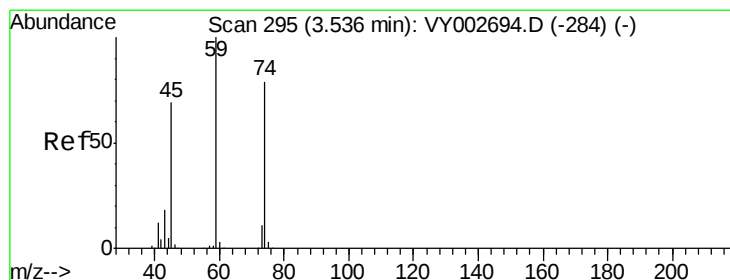
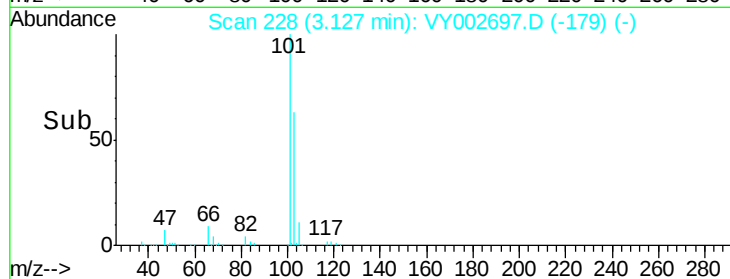
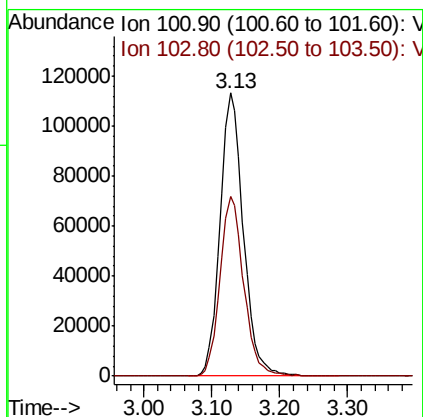
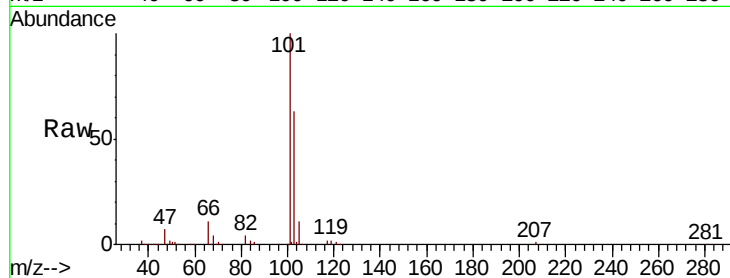


#7

Trichlorofluoromethane
Concen: 51.391 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :

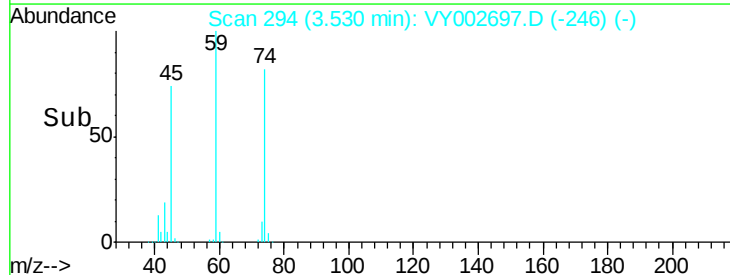
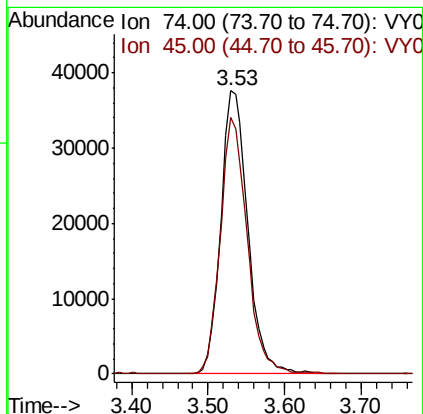
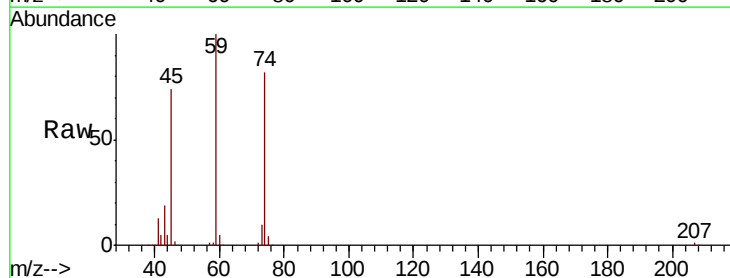
Tot Ion:101 Resp: 268851
Ion Ratio Lower Upper
101 100
103 63.4 50.6 75.8

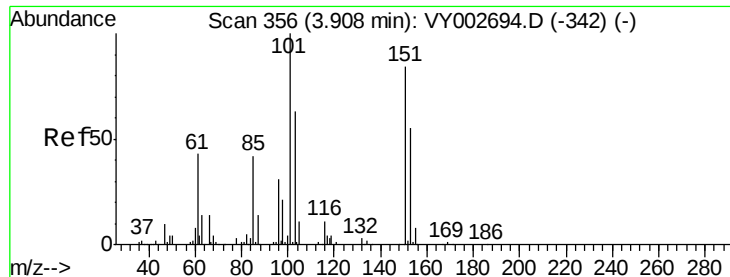


#8

Diethyl Ether
Concen: 51.688 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion: 74 Resp: 91987
Ion Ratio Lower Upper
74 100
45 90.0 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.511 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

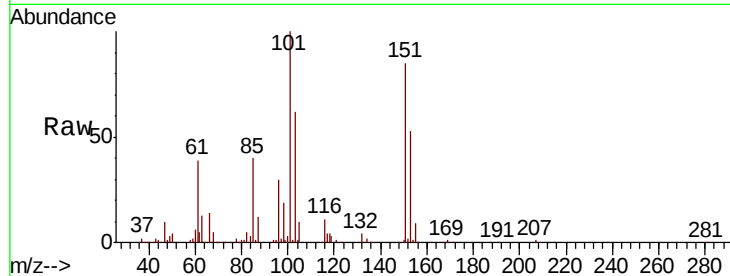
Tot Ion:101 Resp: 163352

Ion Ratio Lower Upper

101 100

85 41.5 33.5 50.3

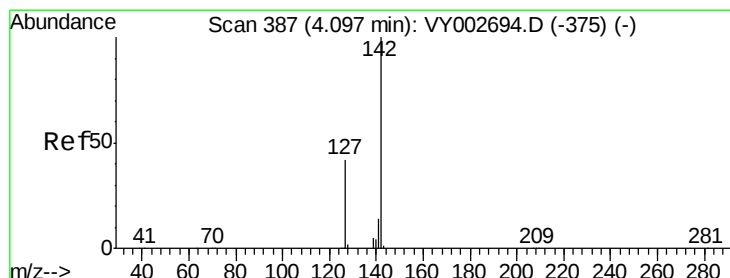
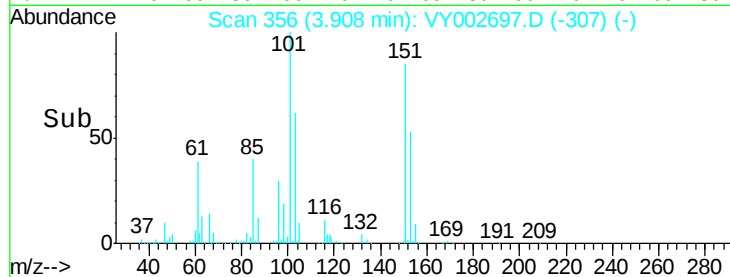
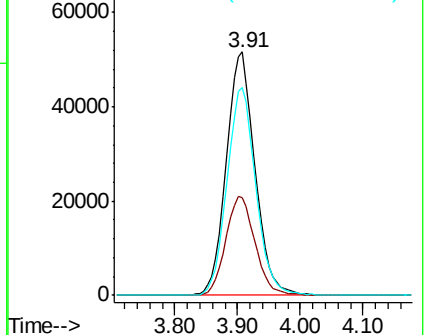
151 86.0 69.6 104.4



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: 52.139 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

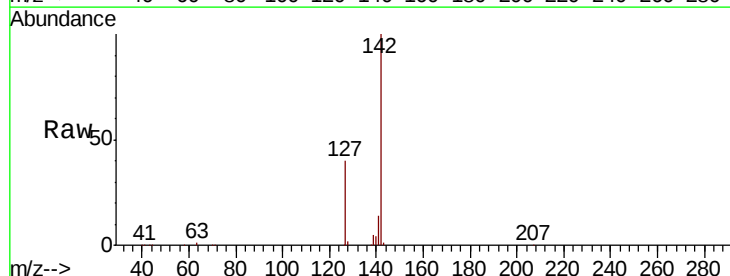
Tgt Ion:142 Resp: 227588

Ion Ratio Lower Upper

142 100

127 41.1 32.8 49.2

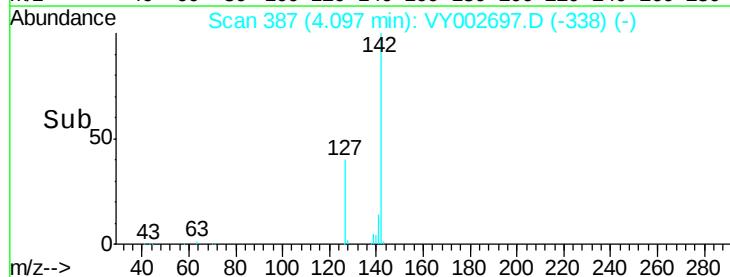
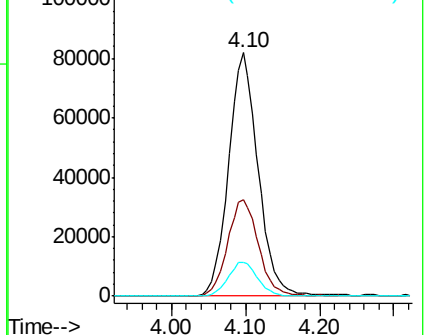
141 14.3 11.3 16.9

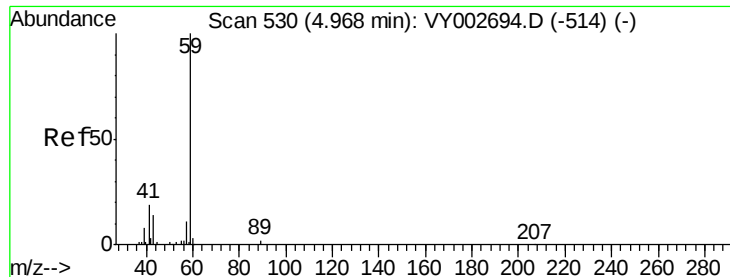


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



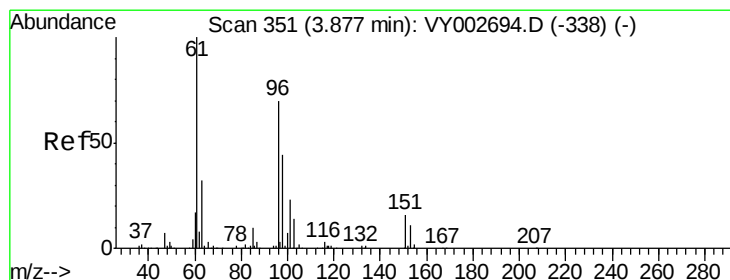
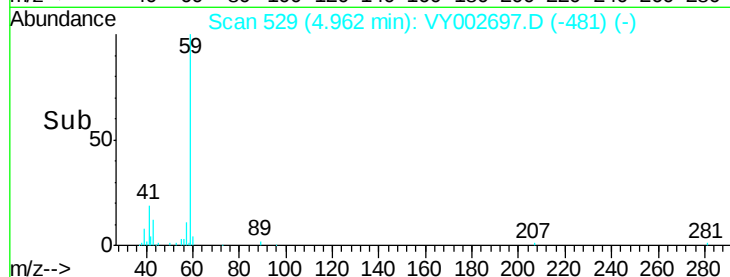
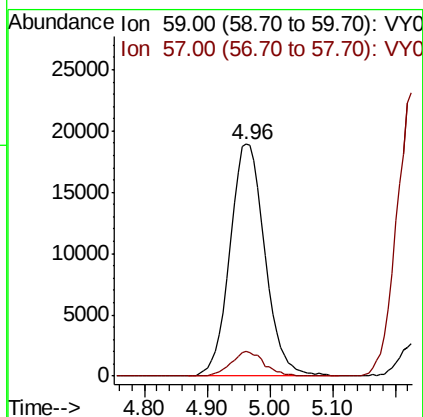
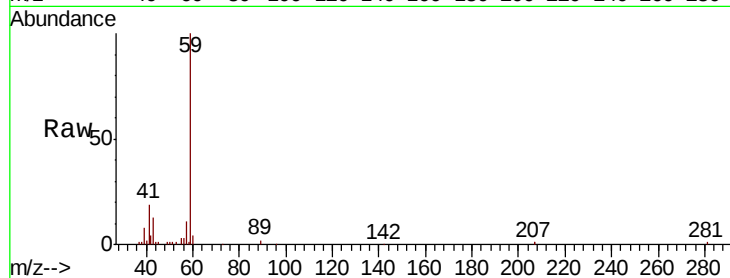


#11

Tert butyl alcohol
 Concen: 253.164 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :

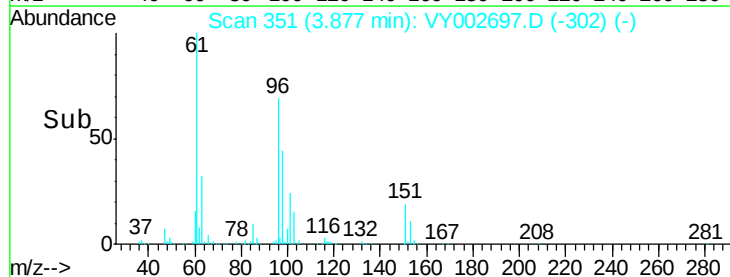
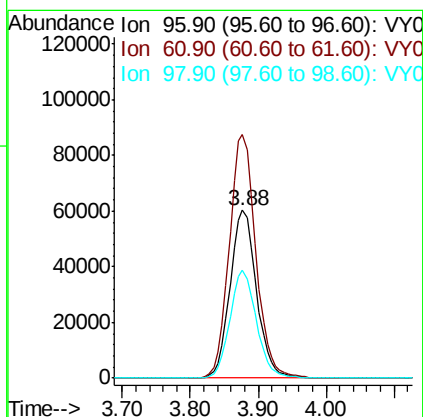
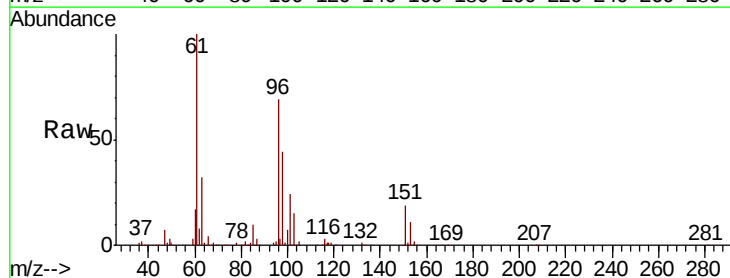
Tot Ion: 59 Resp: 73005
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.7 11.5

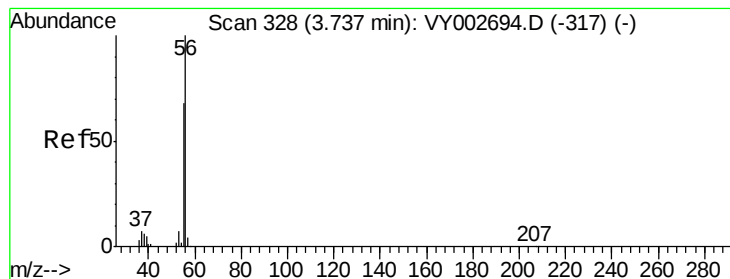


#12

1,1-Dichloroethene
 Concen: 51.371 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion: 96 Resp: 163571
 Ion Ratio Lower Upper
 96 100
 61 144.9 113.8 170.8
 98 64.1 50.4 75.6





#13

Acrolein

Concen: 242.884 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

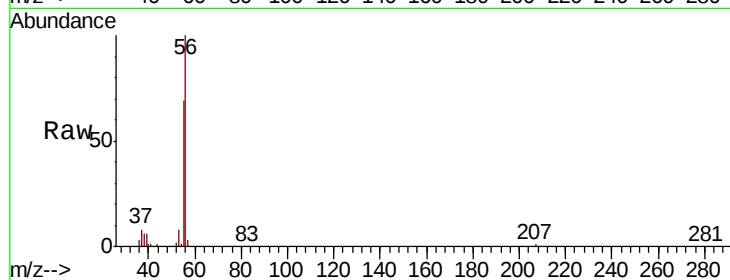
ClientSampleId :

Tot Ion: 56 Resp: 82150

Ion Ratio Lower Upper

56 100

55 69.4 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

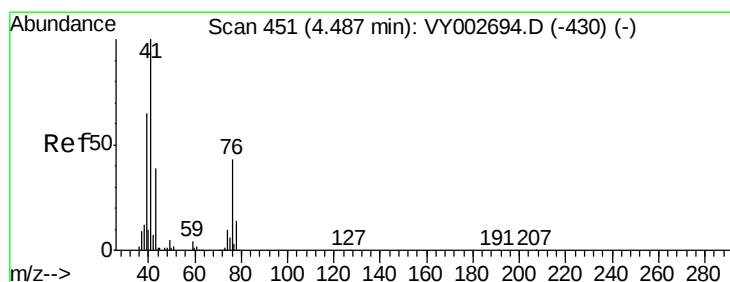
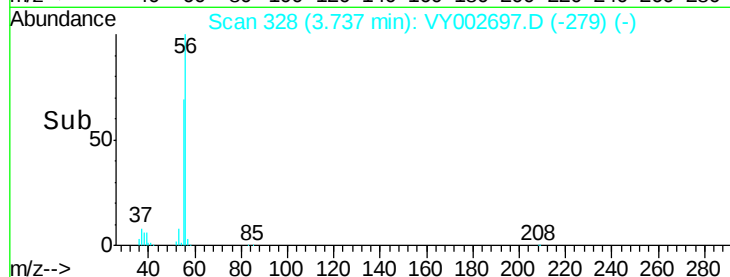
30000

20000

10000

0

Time--> 3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 52.007 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

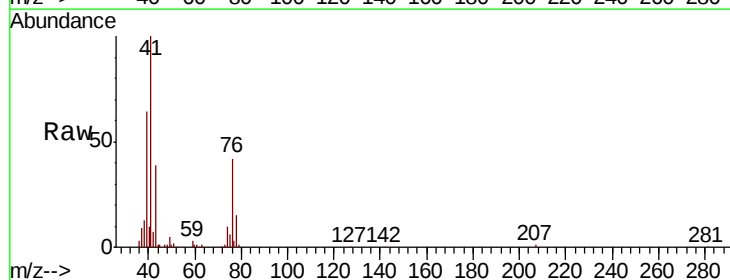
Tgt Ion: 41 Resp: 237738

Ion Ratio Lower Upper

41 100

39 62.5 50.3 75.5

76 40.7 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

200000

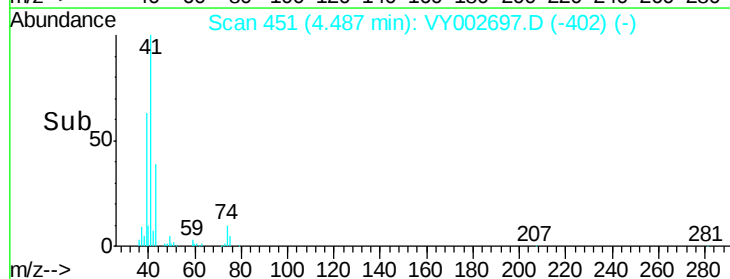
150000

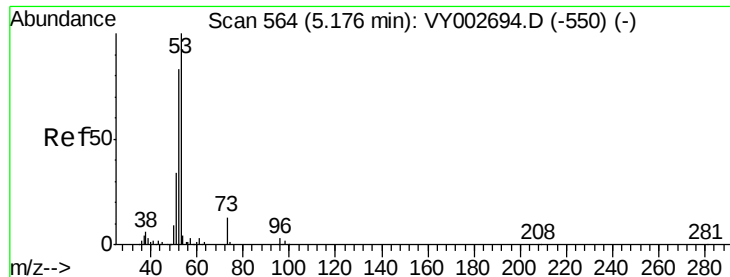
100000

50000

0

Time--> 4.40 4.60





#15

Acrylonitrile

Concen: 264.437 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

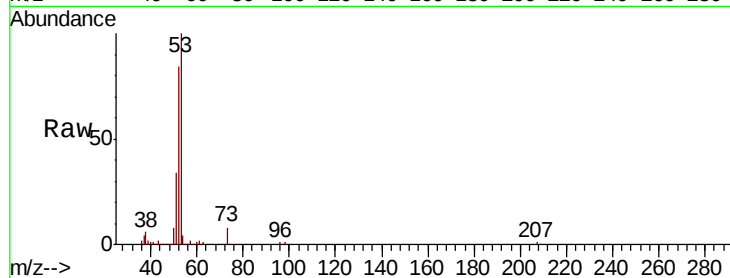
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 53 Resp: 213087

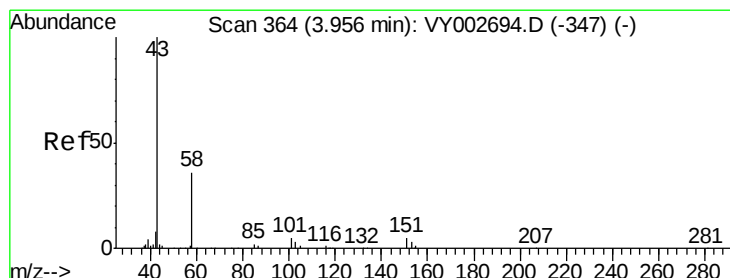
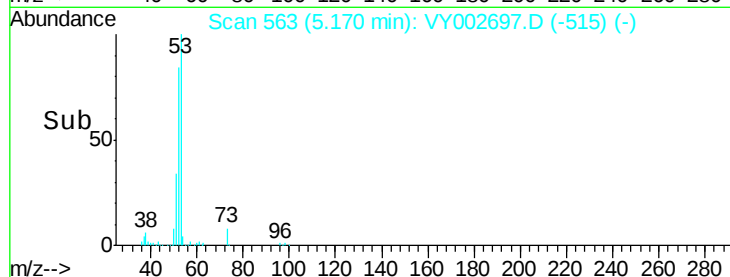
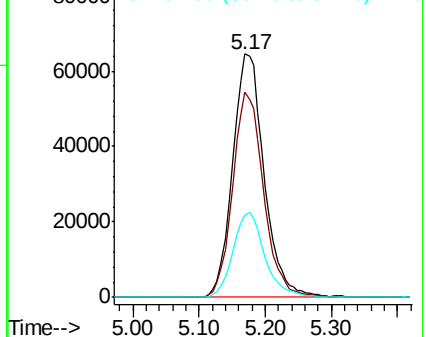
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.0	97.6
51	35.2	27.9	41.9



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 287.870 ug/l

RT: 3.96 min Scan# 364

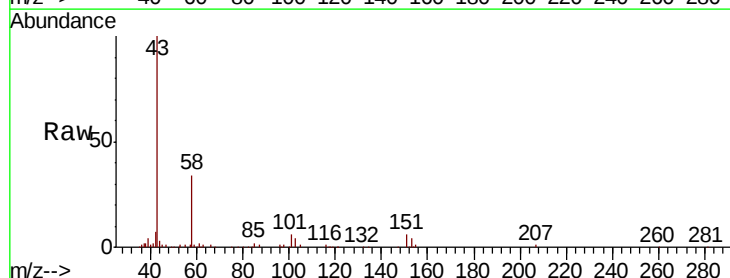
Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

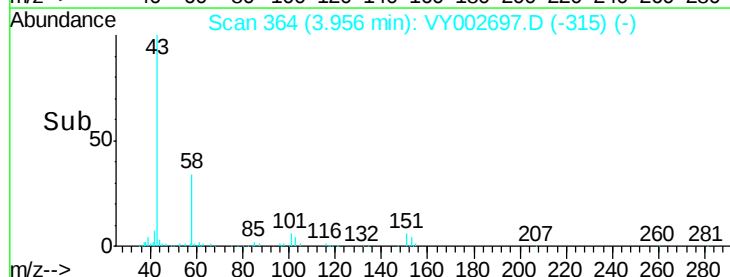
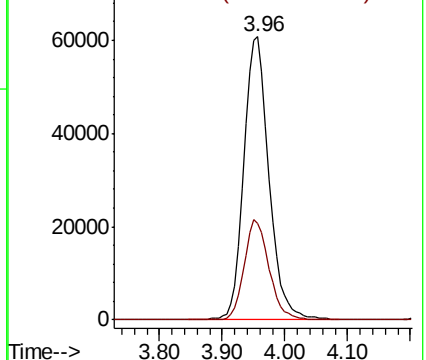
Tgt Ion: 43 Resp: 168505

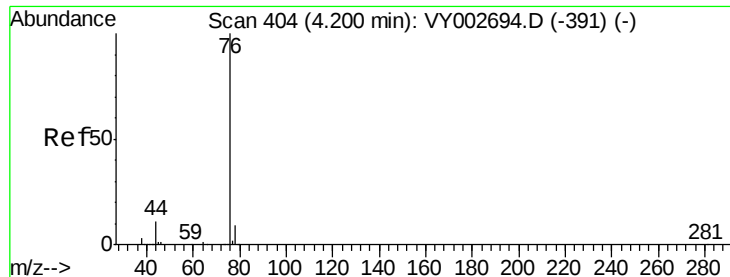
Ion	Ratio	Lower	Upper
43	100		
58	34.3	28.6	43.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

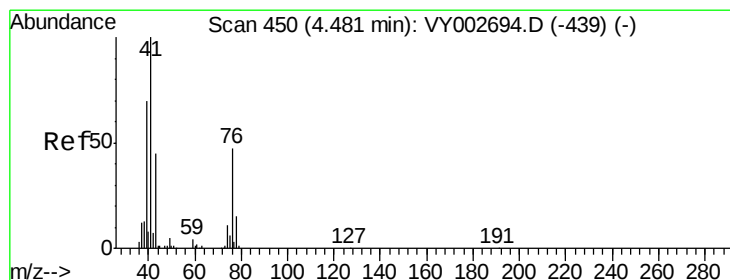
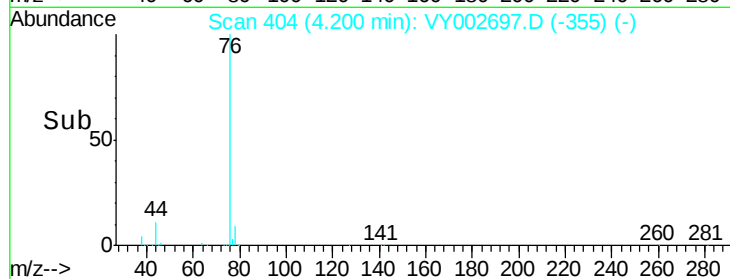
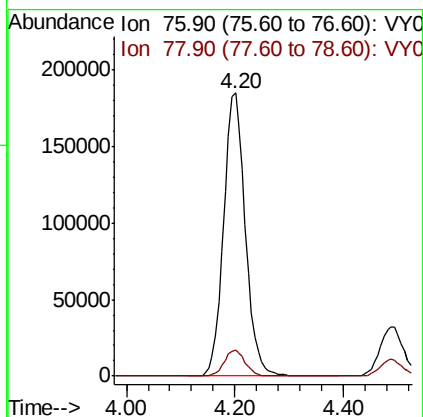
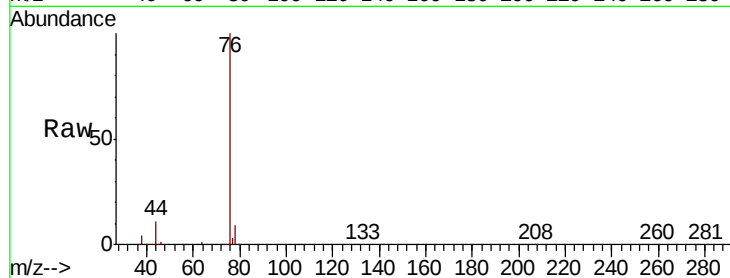




#17
Carbon Disulfide
Concen: 51.276 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

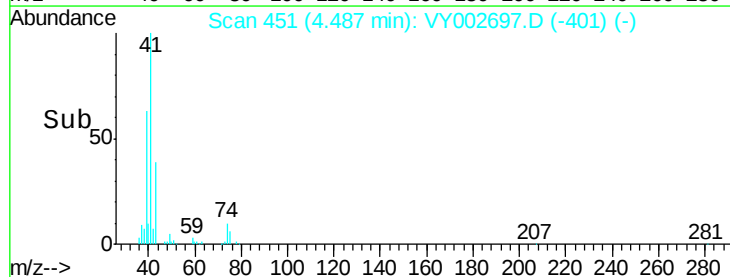
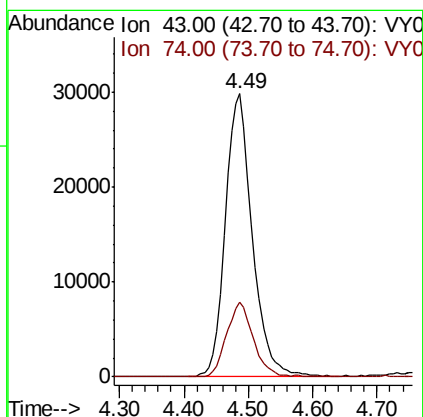
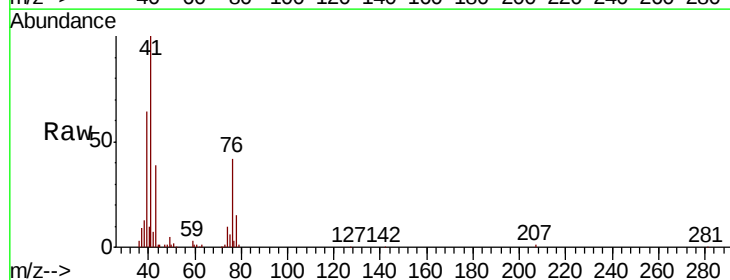
Instrument :
MSVOA_Y
ClientSampleId :

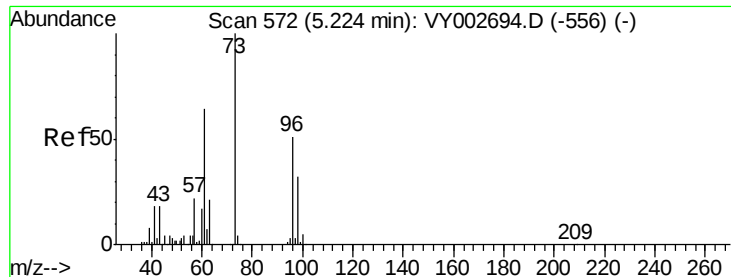
Tot Ion: 76 Resp: 512134
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 52.566 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion: 43 Resp: 87731
Ion Ratio Lower Upper
43 100
74 26.2 21.1 31.7

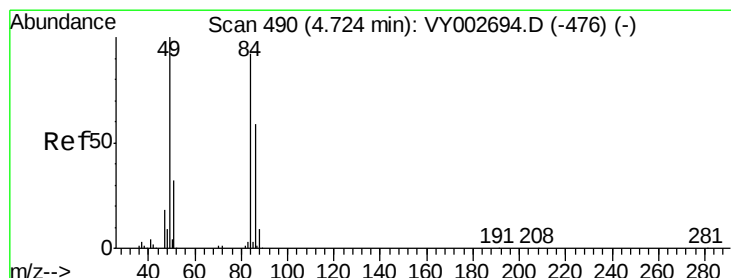
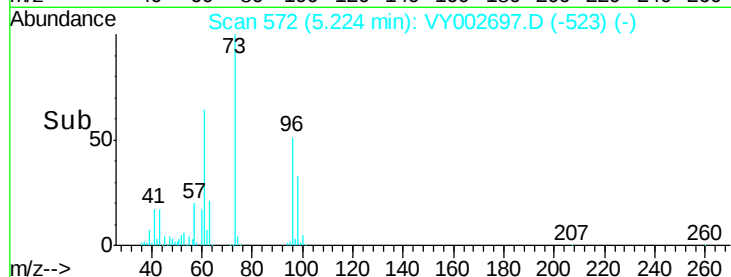
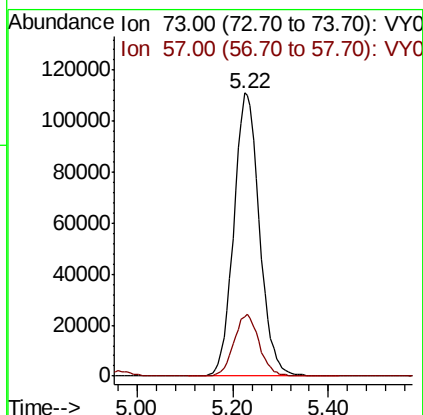
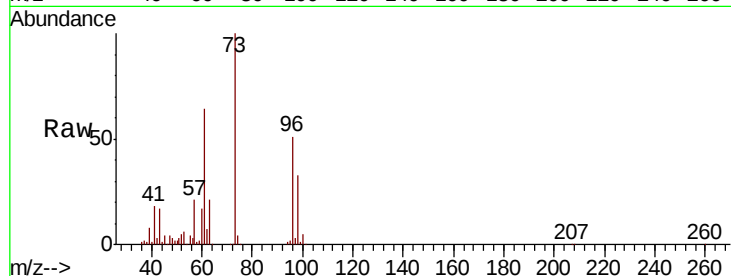




#19
Methvl tert-butvl Ether
Concen: 52.066 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

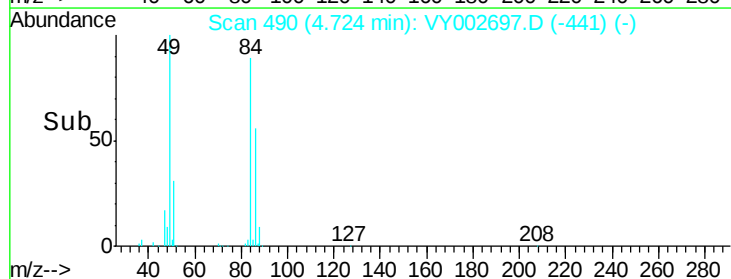
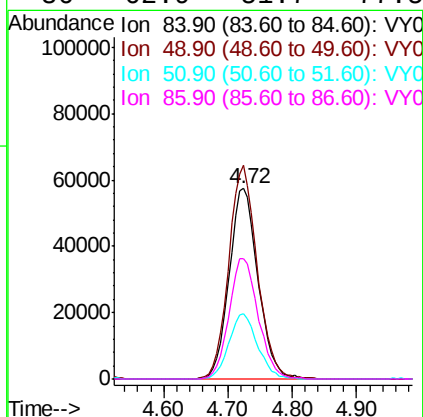
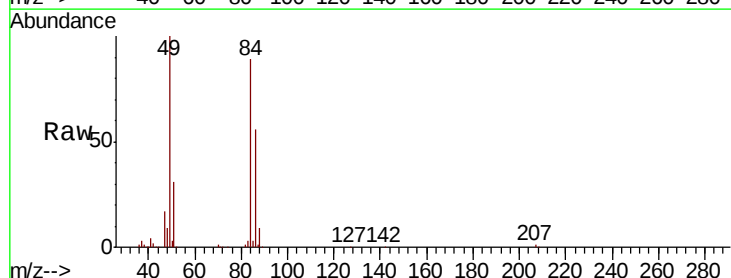
Instrument :
MSVOA_Y
ClientSampleId :

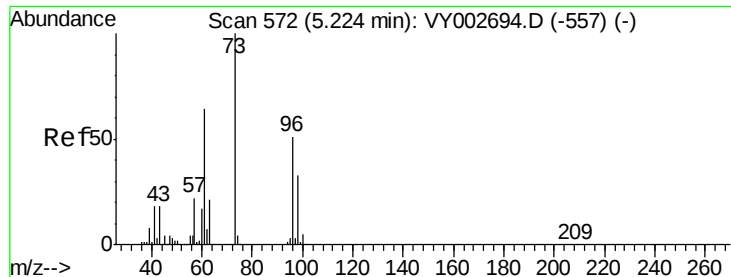
Tot Ion: 73 Resp: 411215
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 50.853 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion: 84 Resp: 179933
Ion Ratio Lower Upper
84 100
49 112.0 87.4 131.0
51 34.6 27.9 41.9
86 62.9 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 50.989 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

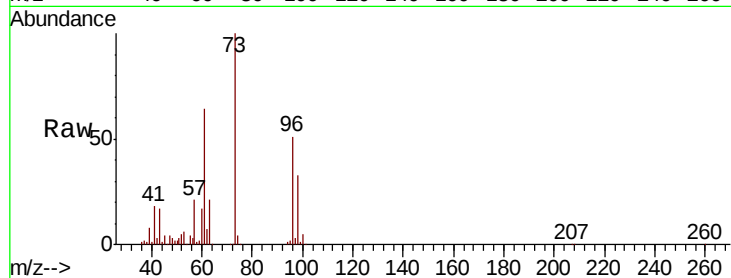
Tot Ion: 96 Resp: 180535

Ion Ratio Lower Upper

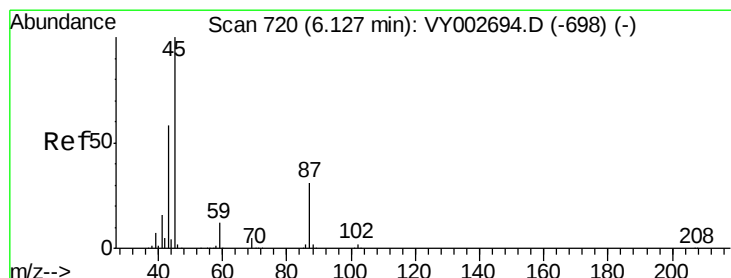
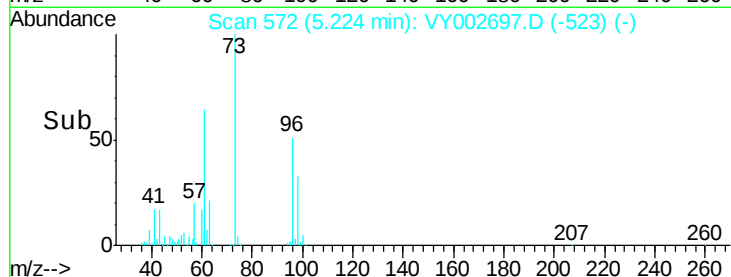
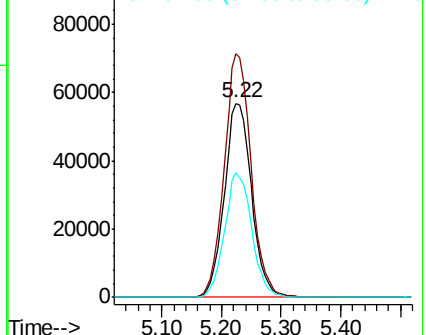
96 100

61 125.4 99.6 149.4

98 63.9 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: 51.526 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Tgt Ion: 45 Resp: 467312

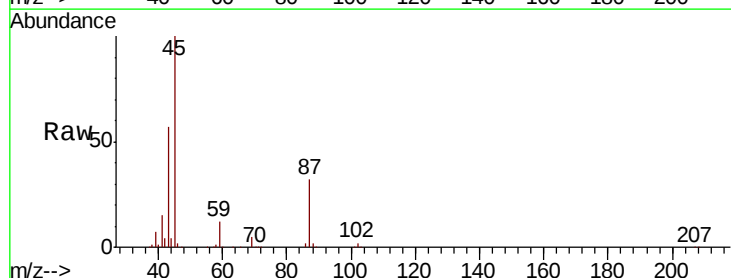
Ion Ratio Lower Upper

45 100

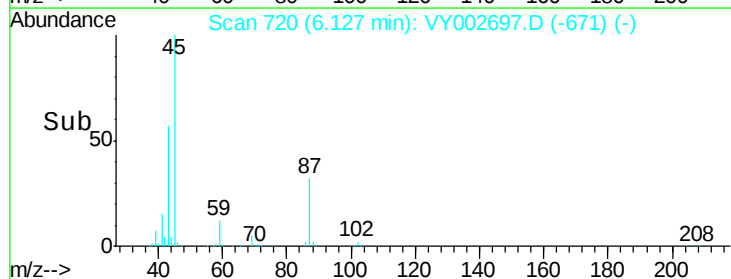
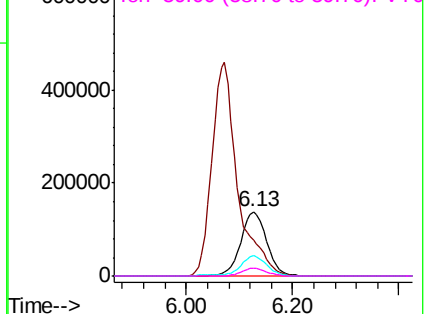
43 56.4 46.1 69.1

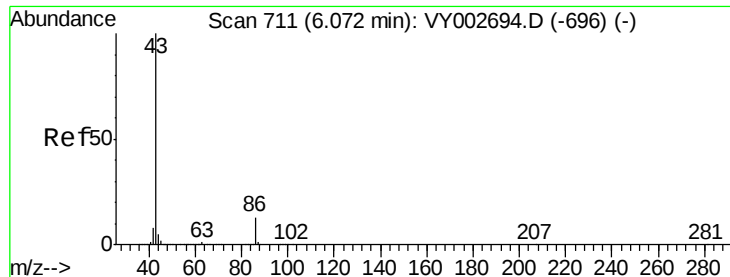
87 32.0 24.9 37.3

59 12.4 9.8 14.8



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

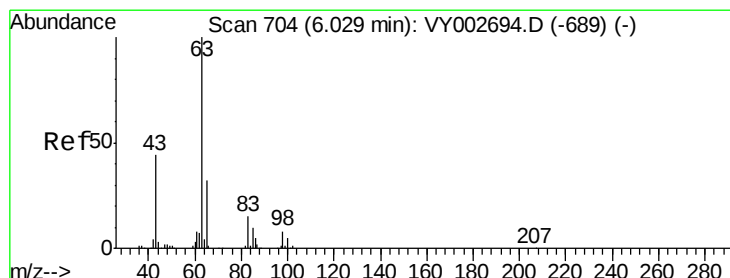
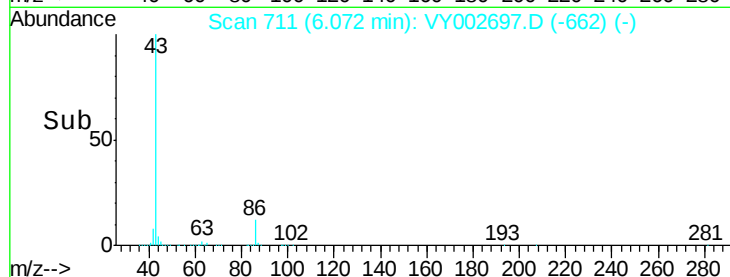
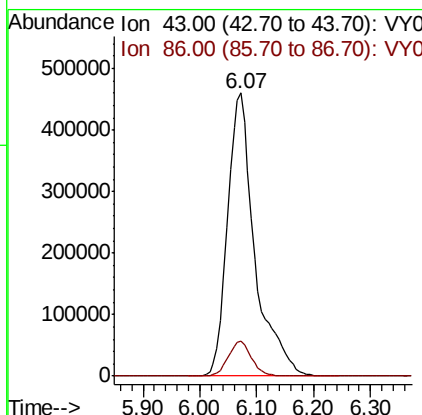
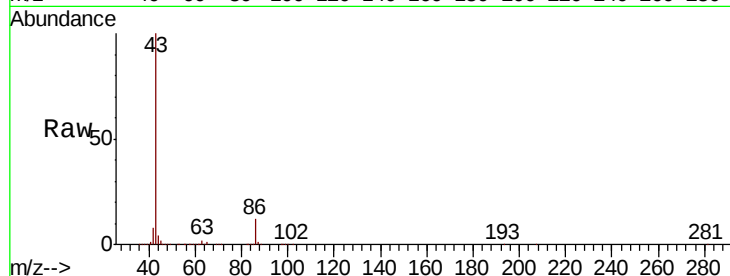




#23
 Vinyl Acetate
 Concen: 264.851 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

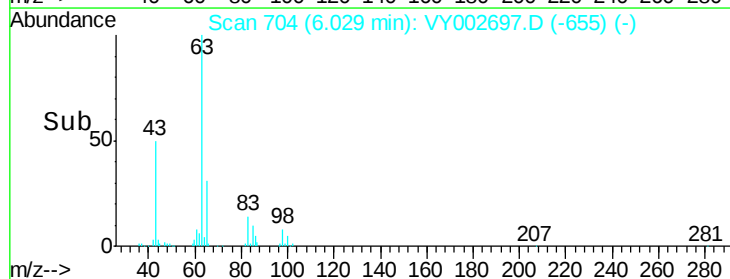
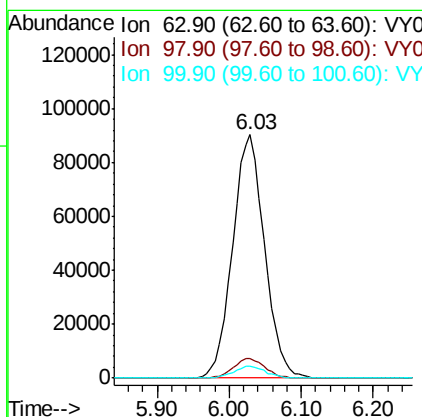
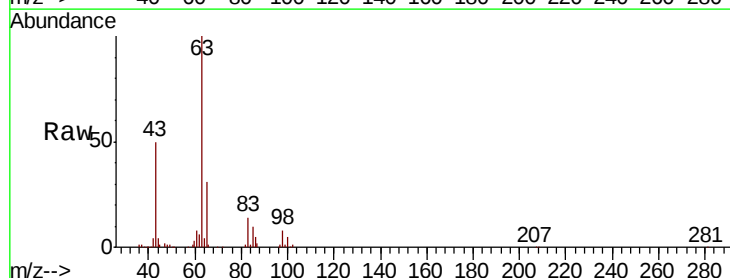
Instrument :
 MSVOA_Y
 ClientSampled :

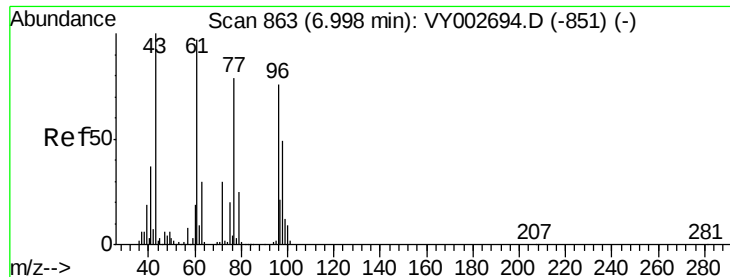
Tot Ion: 43 Resp: 1538072
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.1 15.1



#24
 1,1-Dichloroethane
 Concen: 51.269 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion: 63 Resp: 277846
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 11.9
 100 4.9 2.5 7.6





#25

2-Butanone

Concen: 264.263 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

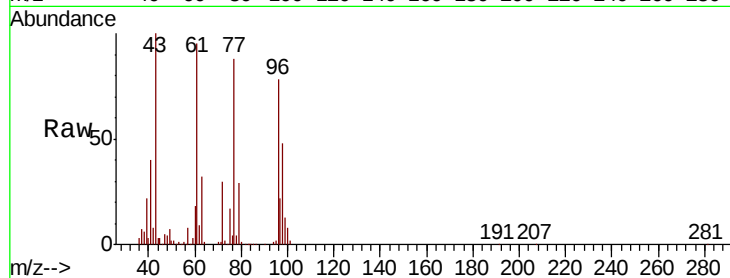
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 255936

Ion Ratio Lower Upper

43 100

72 30.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

6.99

100000

80000

60000

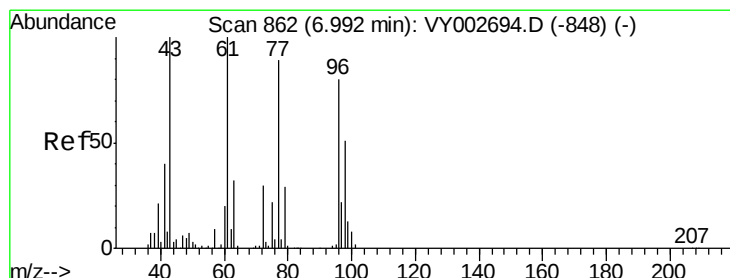
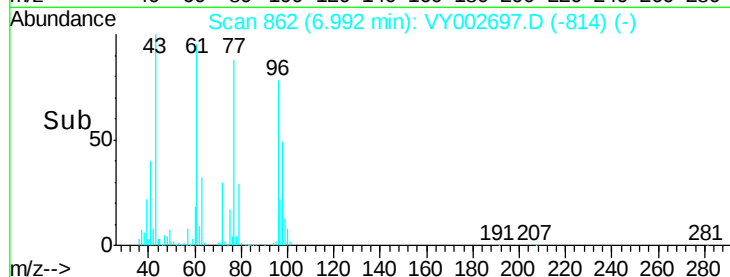
40000

20000

0

Time-->

6.90 6.95 7.00 7.05



#26

2,2-Dichloropropane

Concen: 51.326 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002697.D

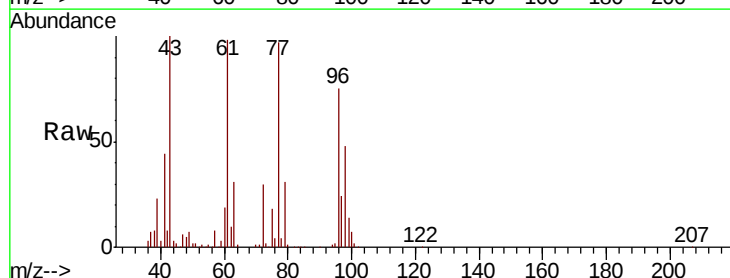
Acq: 15 May 2020 14:01

Tgt Ion: 77 Resp: 258809

Ion Ratio Lower Upper

77 100

97 24.3 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

100000

80000

60000

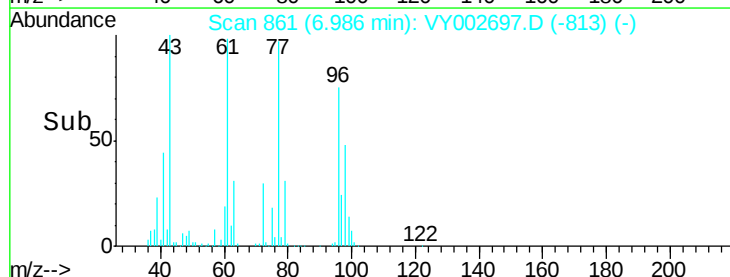
40000

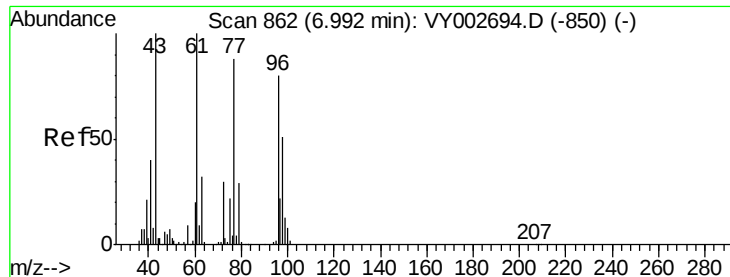
20000

0

Time-->

6.90 7.00 7.10



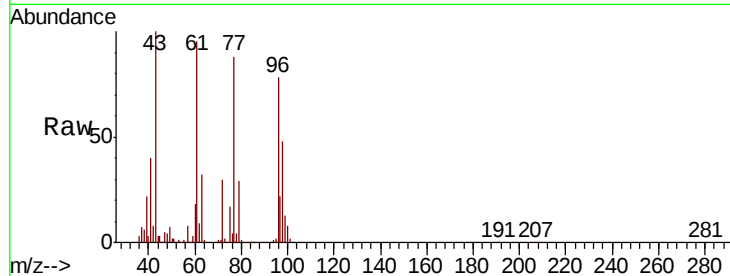


#27

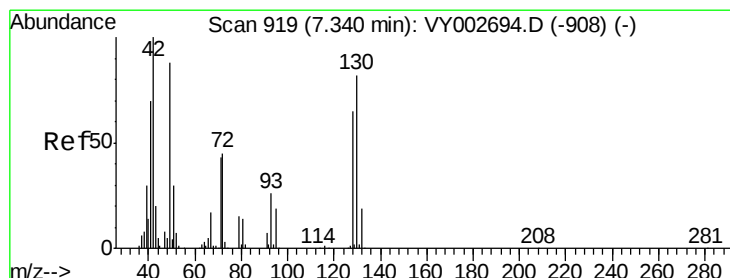
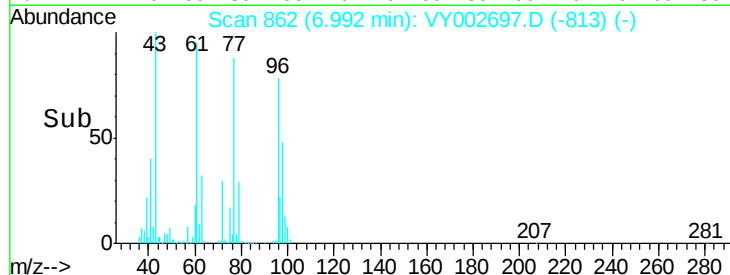
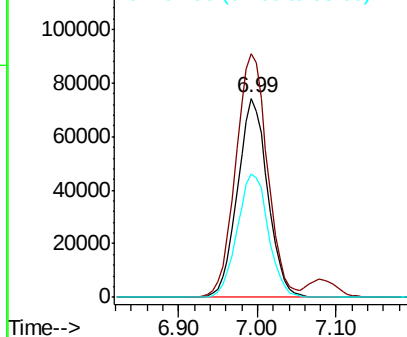
cis-1,2-Dichloroethene
Concen: 51.551 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 197222
Ion Ratio Lower Upper
96 100
61 128.7 0.0 258.0
98 64.2 0.0 128.4



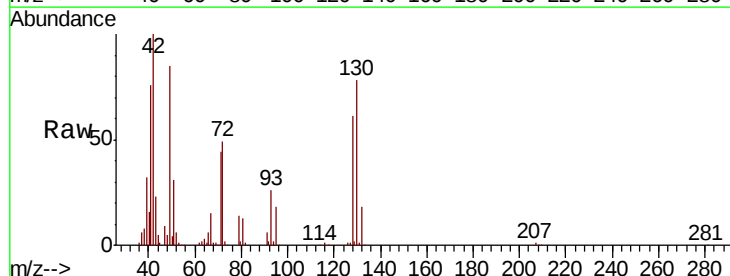
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



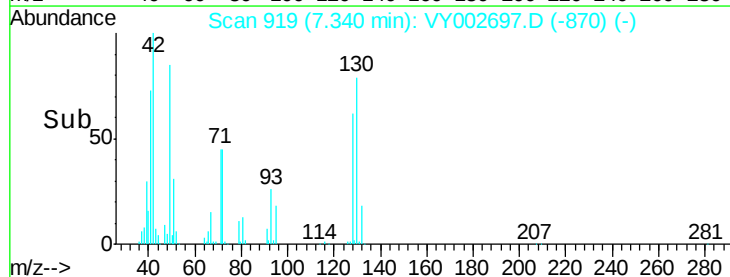
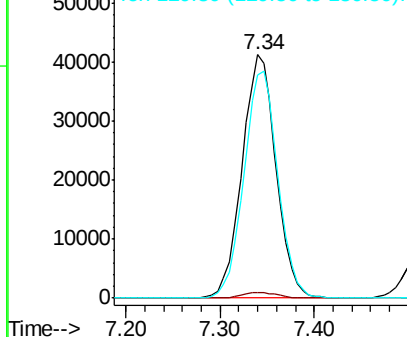
#28

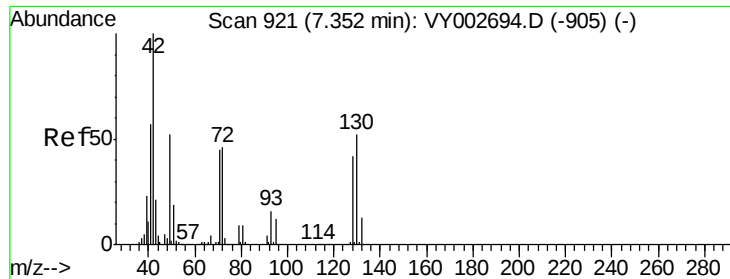
Bromochloromethane
Concen: 48.424 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion: 49 Resp: 103814
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.6
130 93.6 75.3 112.9



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





#29

Tetrahydrofuran

Concen: 265.939 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

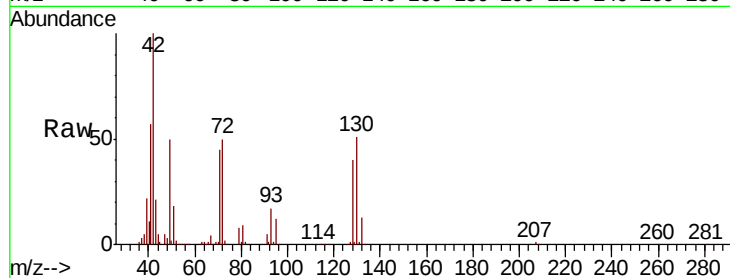
Tot Ion: 42 Resp: 175241

Ion Ratio Lower Upper

42 100

72 48.2 38.2 57.2

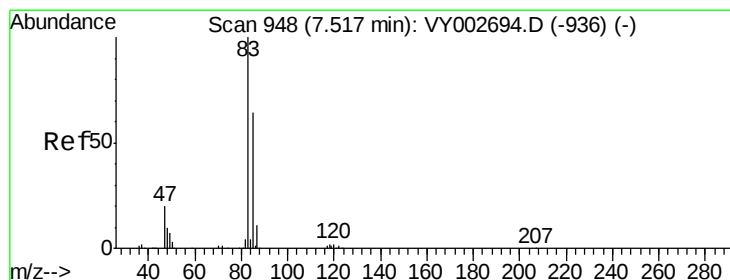
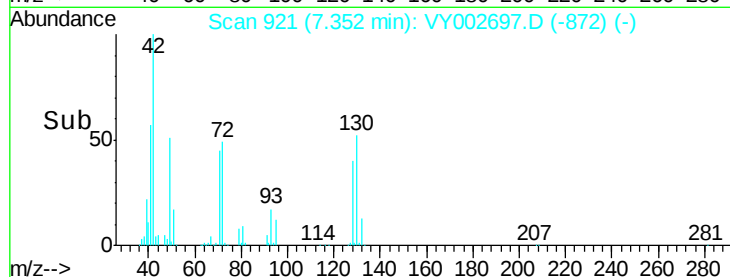
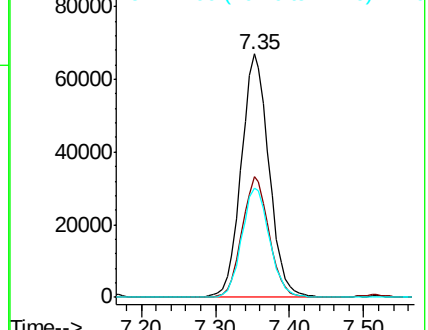
71 45.0 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 51.426 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002697.D

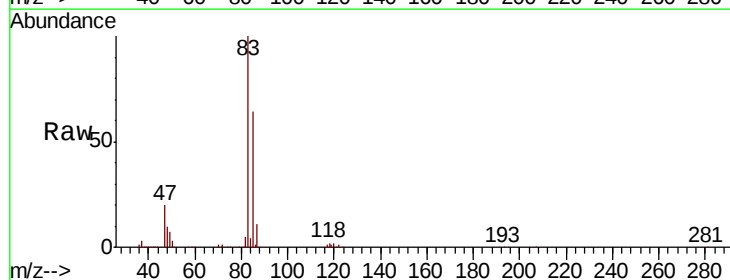
Acq: 15 May 2020 14:01

Tgt Ion: 83 Resp: 289253

Ion Ratio Lower Upper

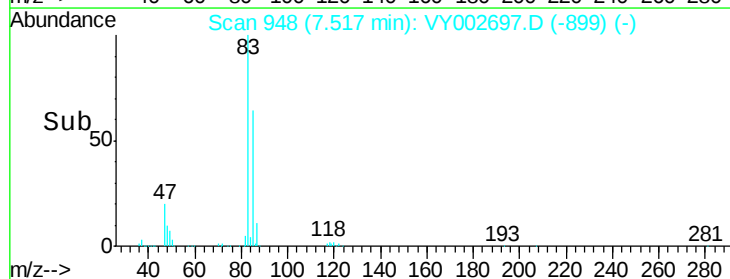
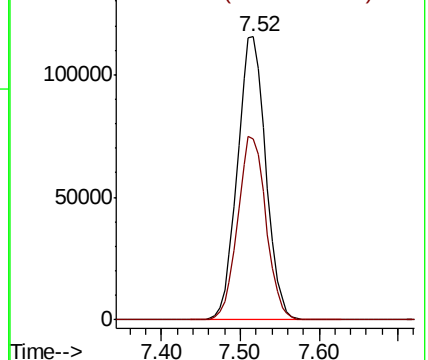
83 100

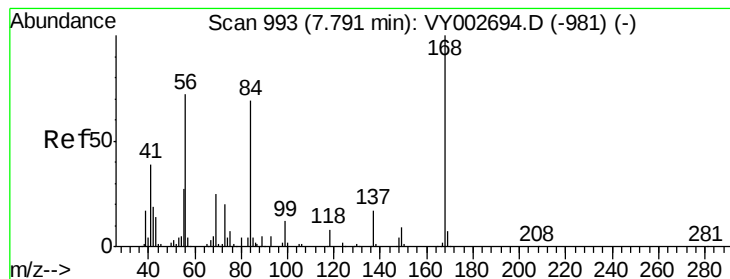
85 64.0 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 49.097 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampled :

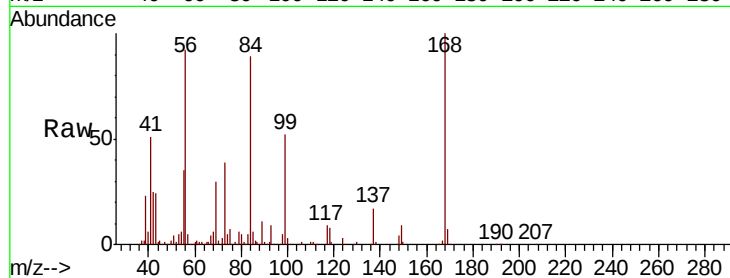
Tot Ion: 56 Resp: 269865

Ion Ratio Lower Upper

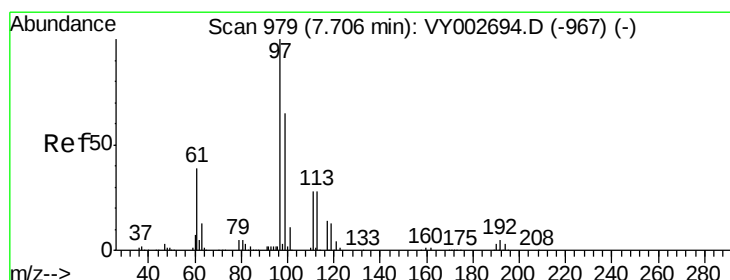
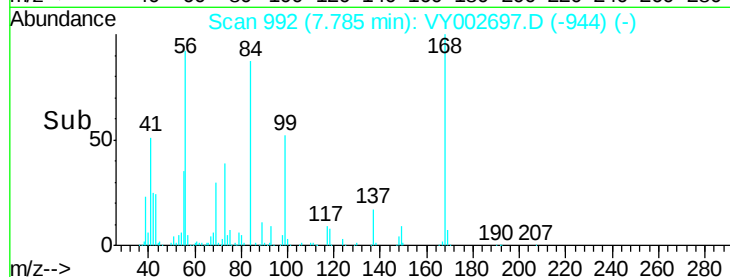
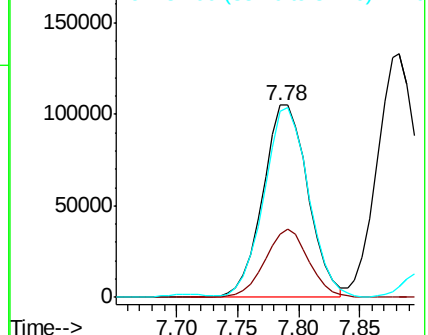
56 100

69 33.2 27.7 41.5

84 95.2 77.0 115.4



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



#32

1,1,1-Trichloroethane

Concen: 51.794 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

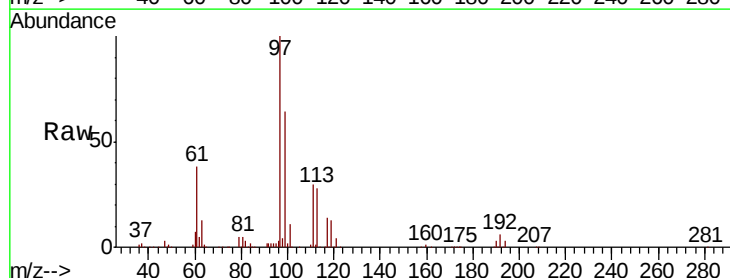
Tgt Ion: 97 Resp: 269185

Ion Ratio Lower Upper

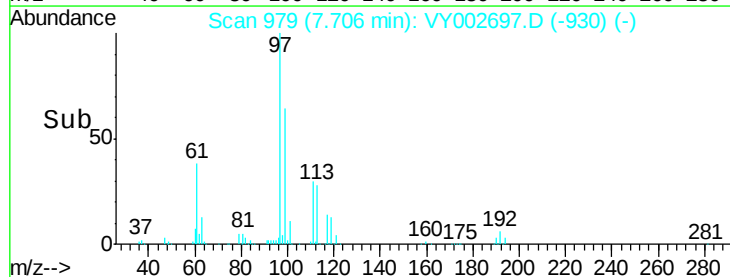
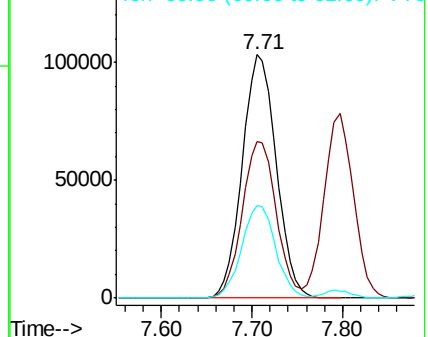
97 100

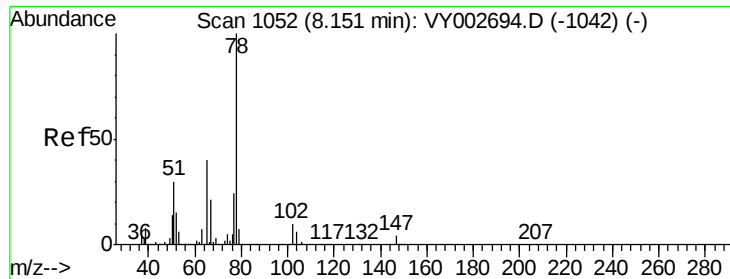
99 64.1 51.6 77.4

61 37.9 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

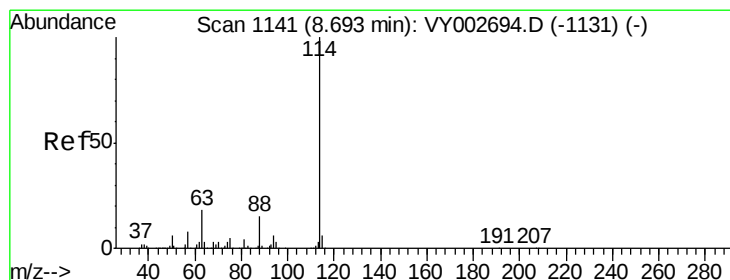
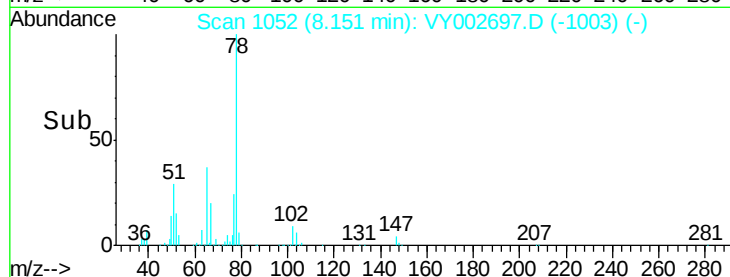
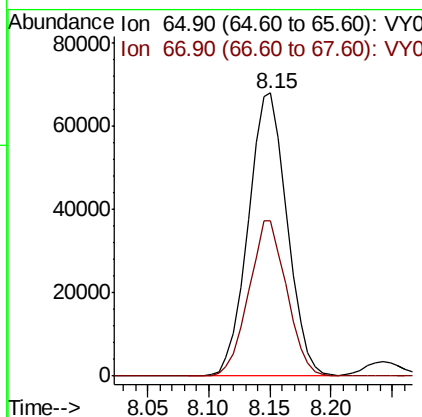
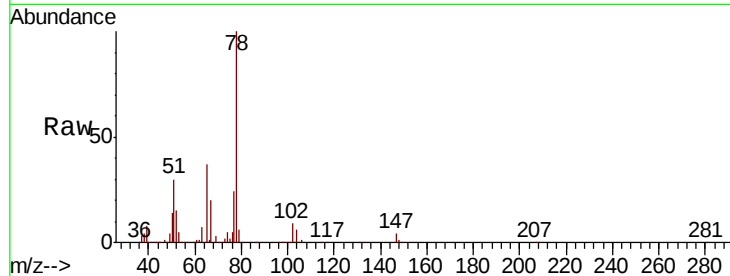




#33
 1,2-Dichloroethane-d4
 Concen: 52.754 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

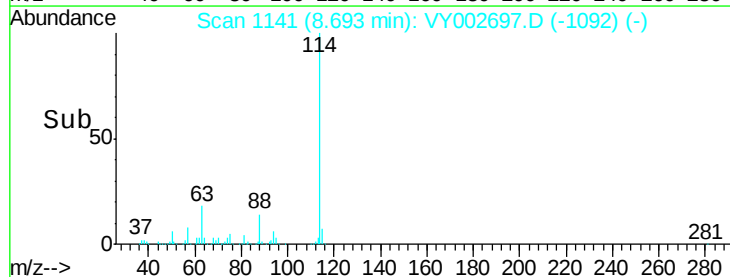
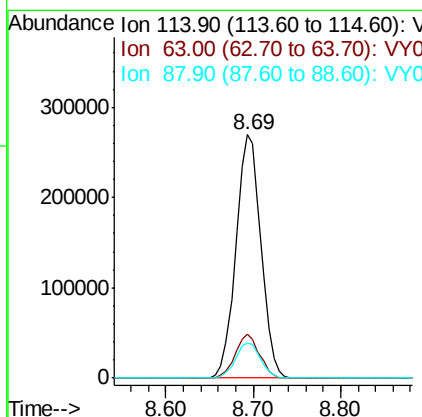
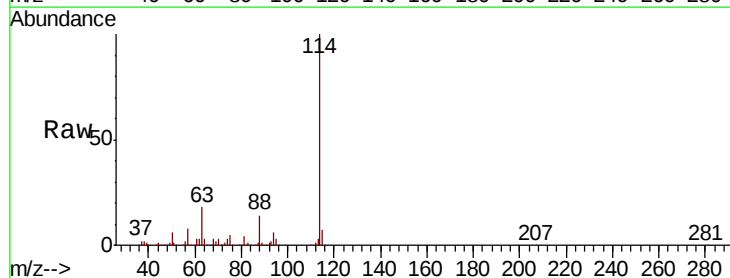
Instrument :
 MSVOA_Y
 ClientSampleId :

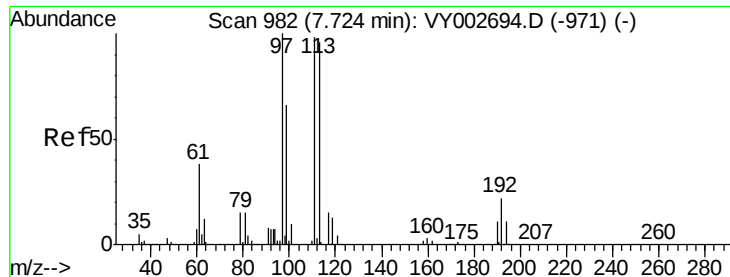
Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.4
88	14.4	0.0	29.4

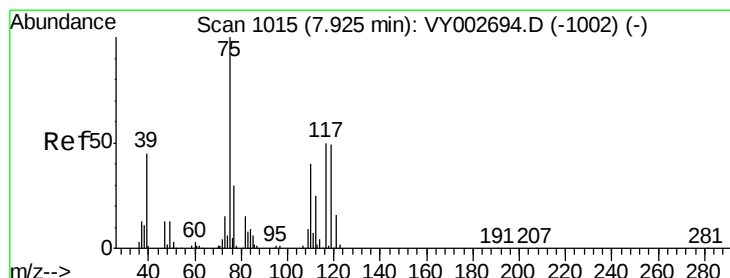
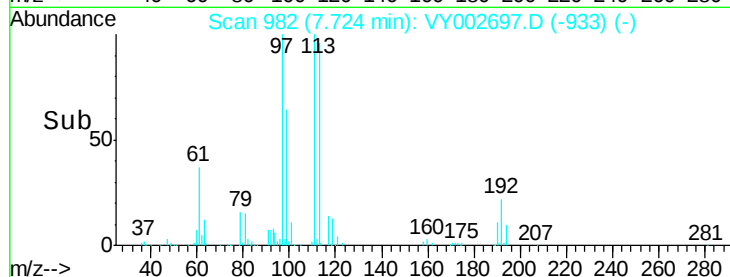
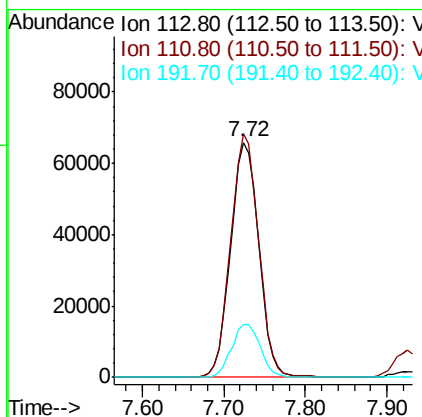
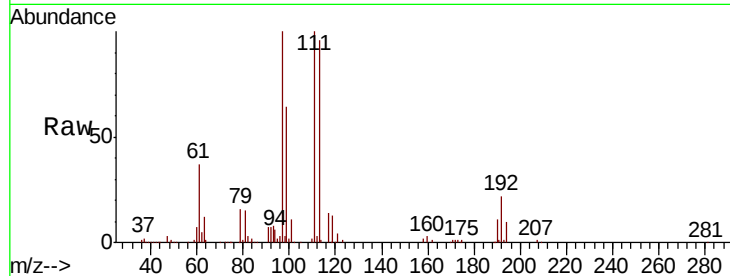




#35
 Dibromofluoromethane
 Concen: 52.974 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

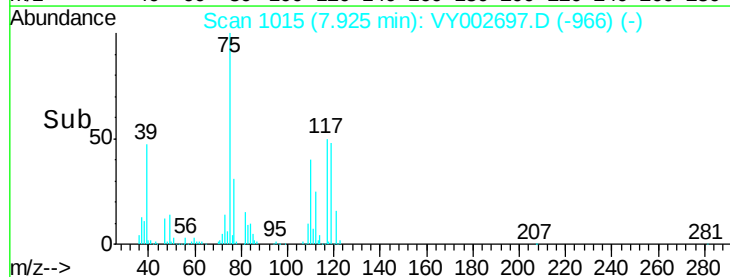
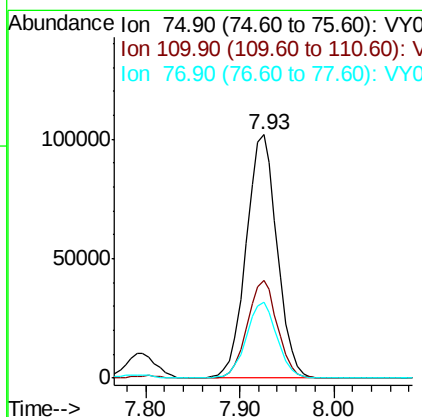
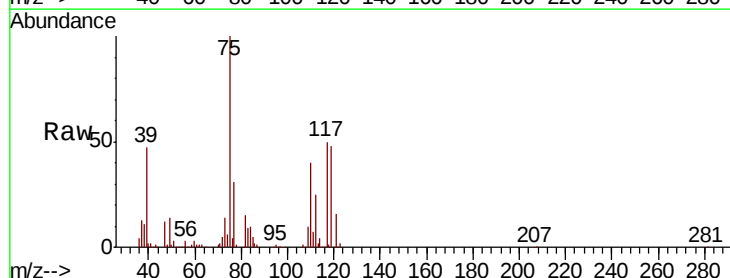
Instrument :
 MSVOA_Y
 ClientSampleId :

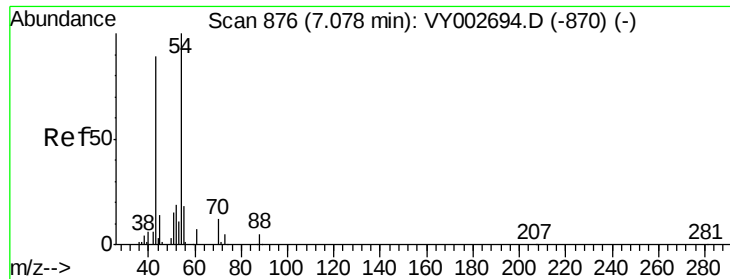
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	23.2	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 51.898 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.4	58.4
77	30.9	25.0	37.4

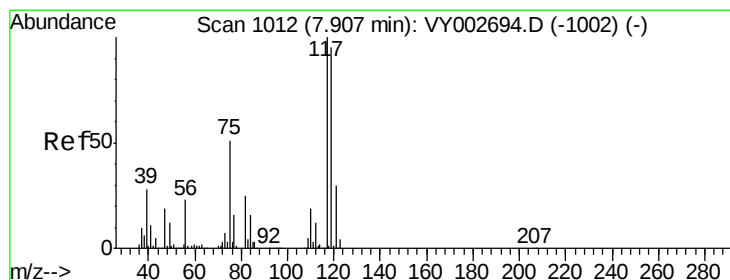
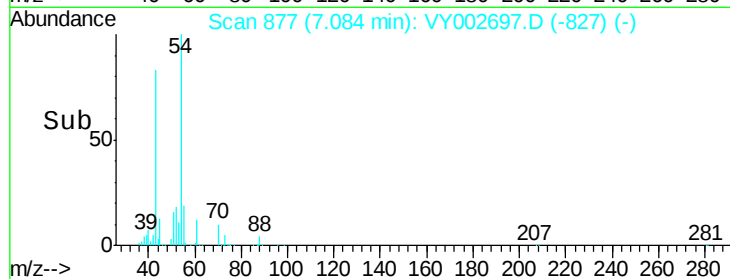
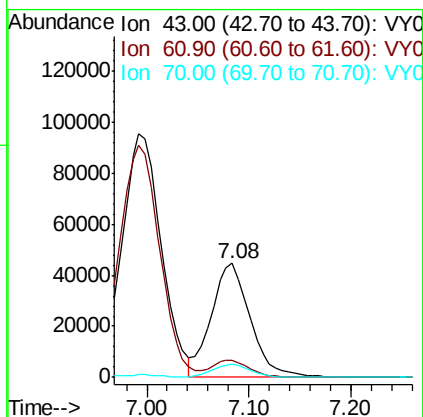
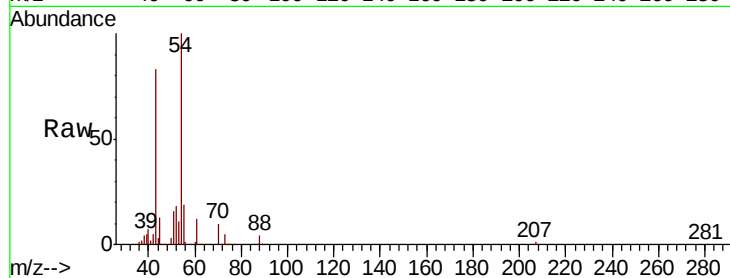




#37
Ethyl Acetate
Concen: 53.103 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

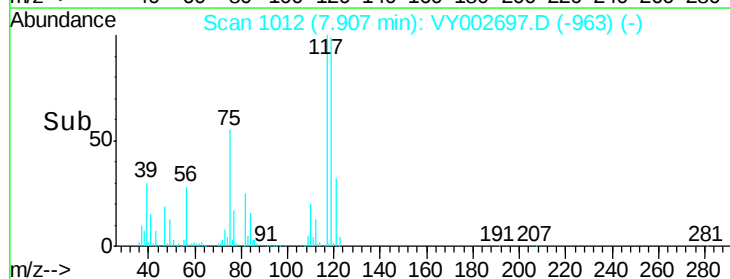
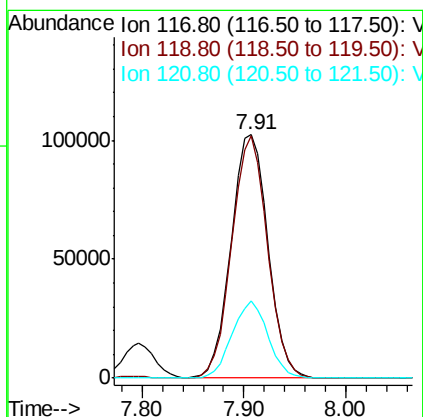
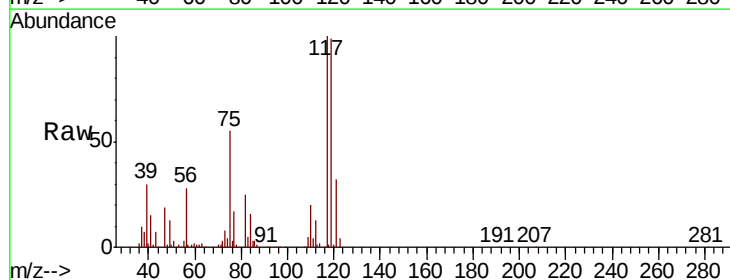
Instrument :
MSVOA_Y
ClientSampled :

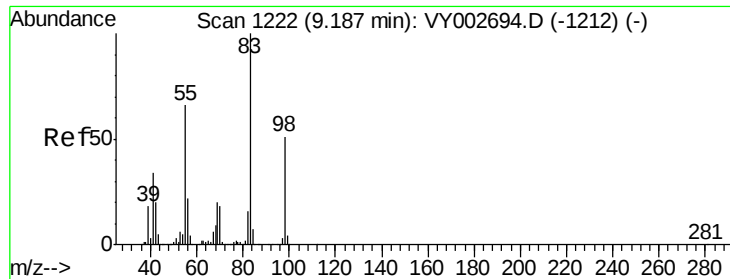
Tot Ion: 43 Resp: 118260
Ion Ratio Lower Upper
43 100
61 14.3 11.8 17.8
70 11.4 9.2 13.8



#38
Carbon Tetrachloride
Concen: 52.681 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion: 117 Resp: 256363
Ion Ratio Lower Upper
117 100
119 99.4 76.3 114.5
121 32.0 24.2 36.2

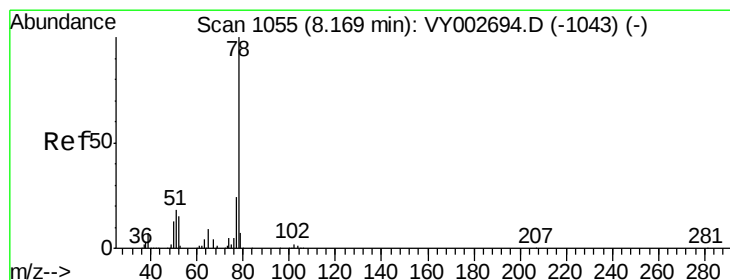
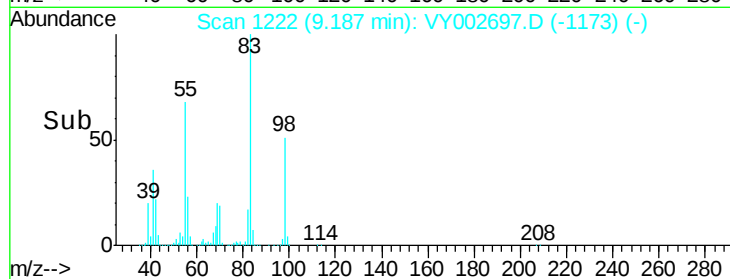
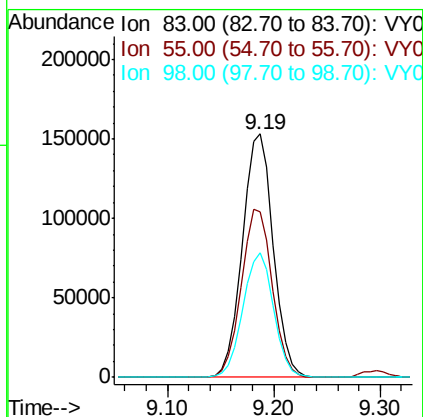
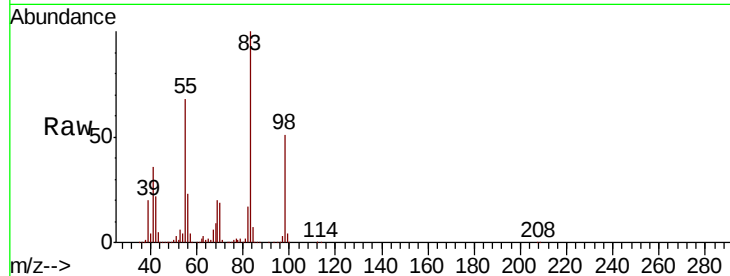




#39
Methvlcvclohexane
Concen: 51.337 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

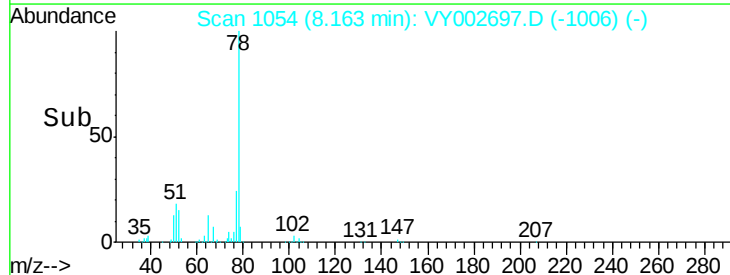
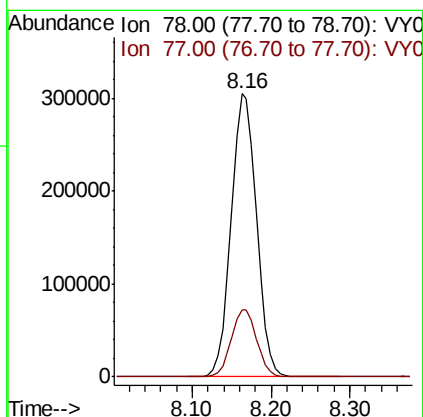
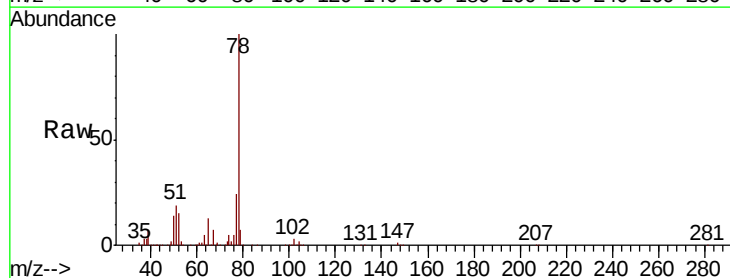
Instrument :
MSVOA_Y
ClientSampleId :

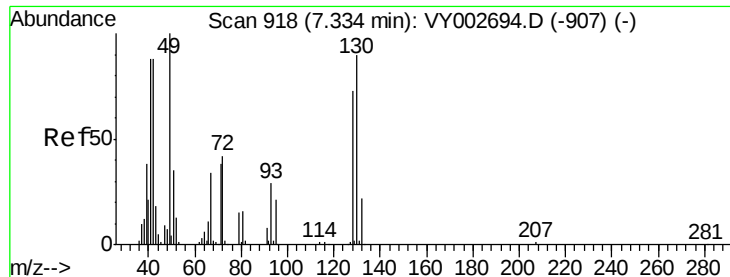
Tot Ion	83	Resp	312552
Ion Ratio	Lower	Upper	
83	100		
55	68.0	53.0	79.6
98	51.3	40.8	61.2



#40
Benzene
Concen: 51.540 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	78	Resp	680916
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.2	28.8

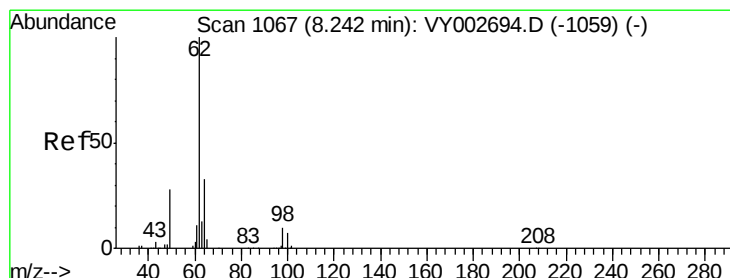
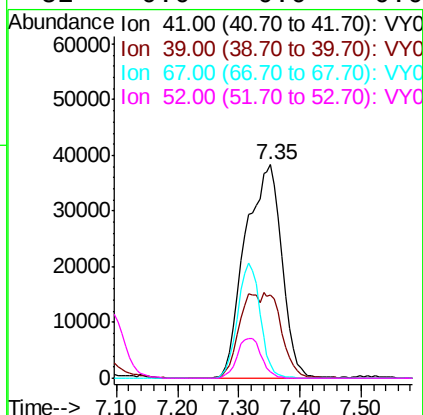
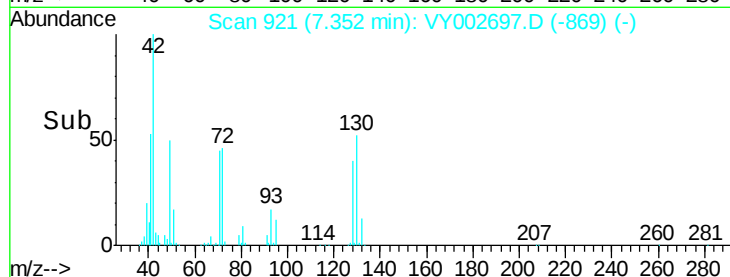
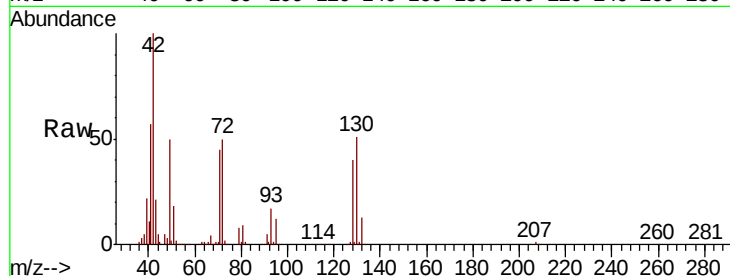




#41
Methacrylonitrile
Concen: 119.186 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

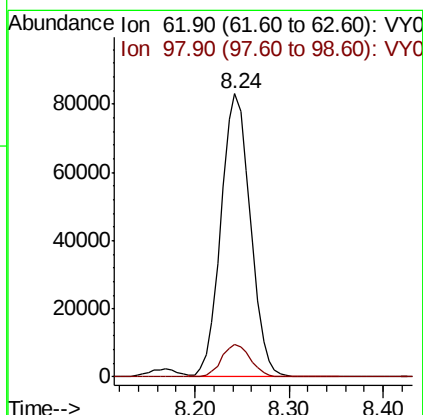
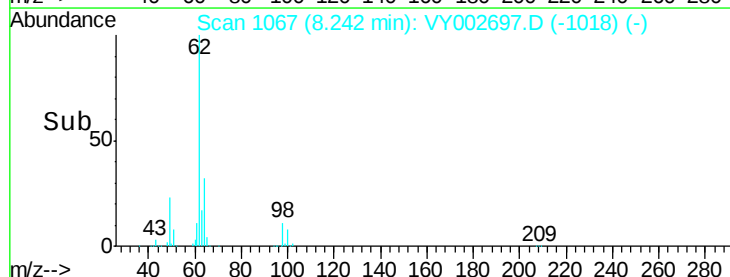
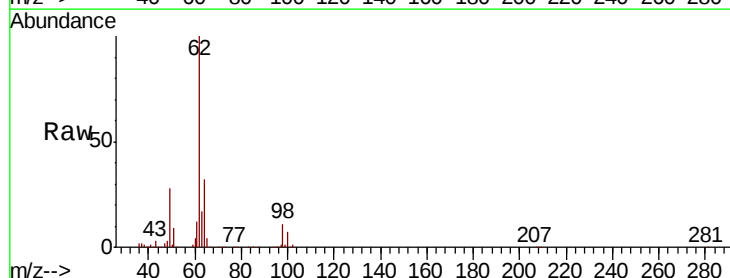
Instrument :
MSVOA_Y
ClientSampled :

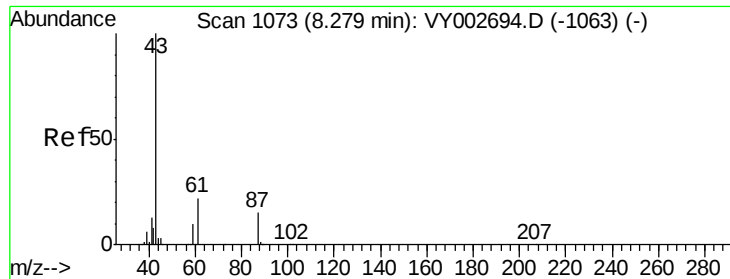
Tot Ion:	41	Resp:	159468
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 51.738 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion:	62	Resp:	180278
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	21.8



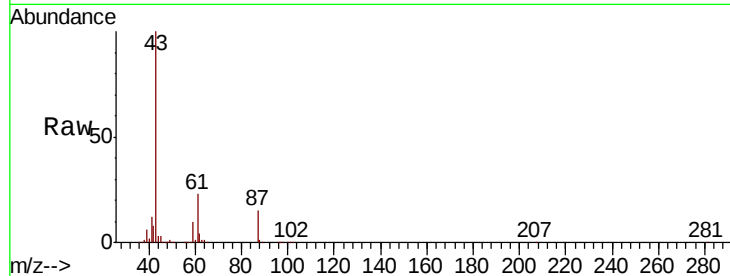


#43

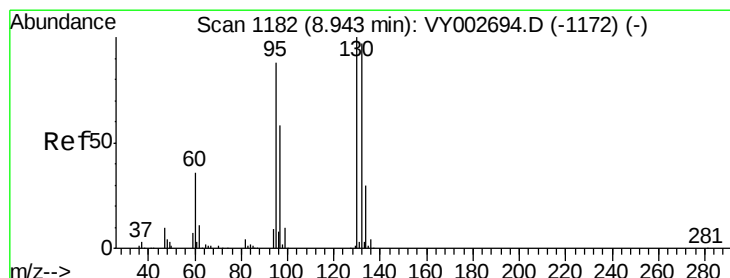
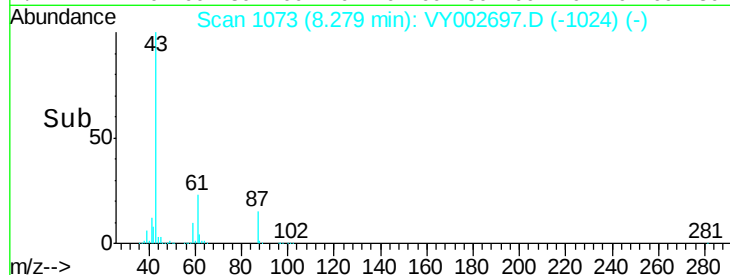
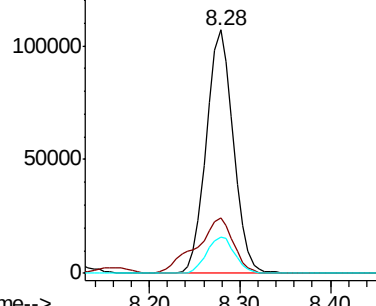
Isopropyl Acetate
 Concen: 53.558 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	43	Resp	221661
Ion Ratio	Lower	Upper	
43	100		
61	31.0	24.9	37.3
87	15.3	12.6	19.0



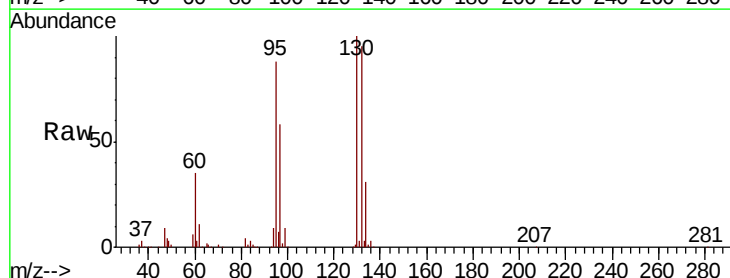
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



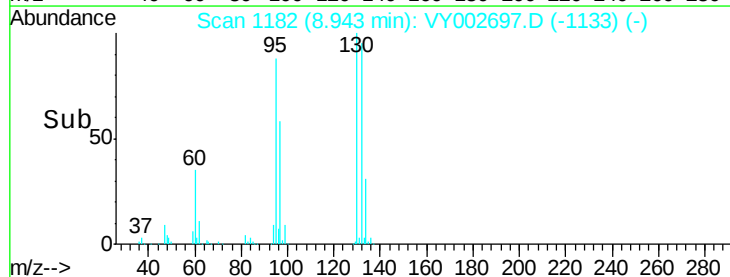
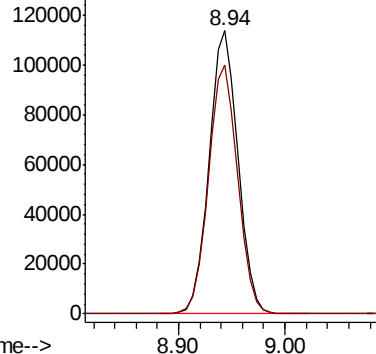
#44

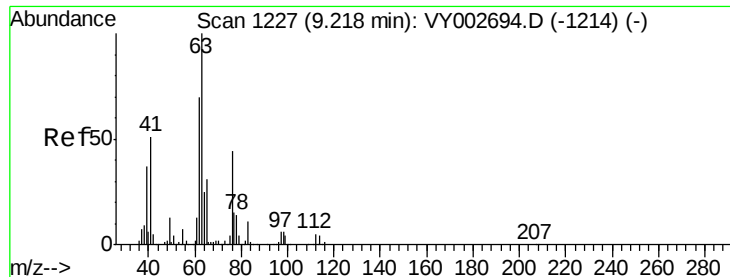
Trichloroethene
 Concen: 51.418 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion	130	Resp	216531
Ion Ratio	Lower	Upper	
130	100		
95	87.9	0.0	176.4



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





#45

1,2-Dichloropropane

Concen: 51.654 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

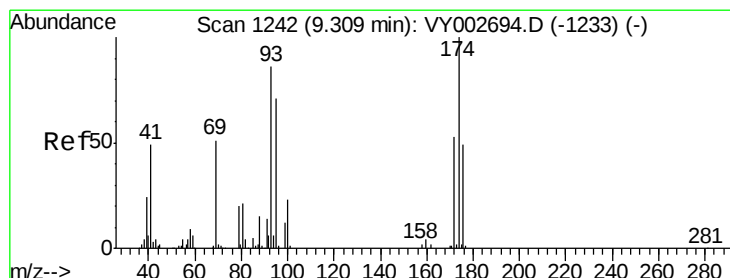
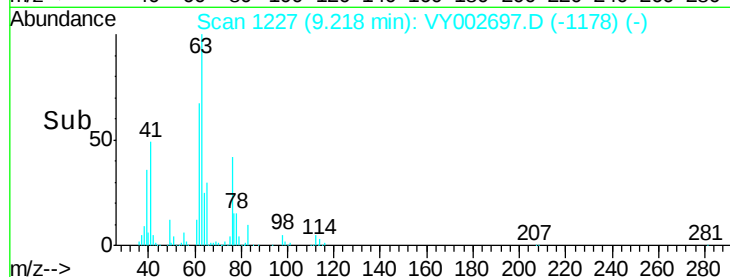
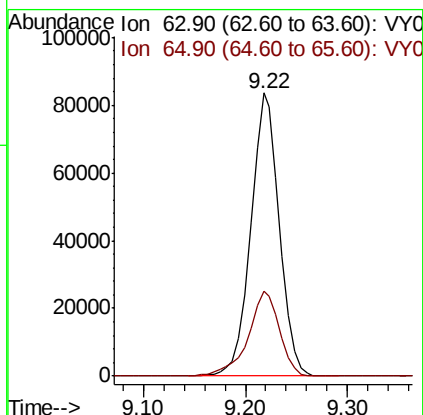
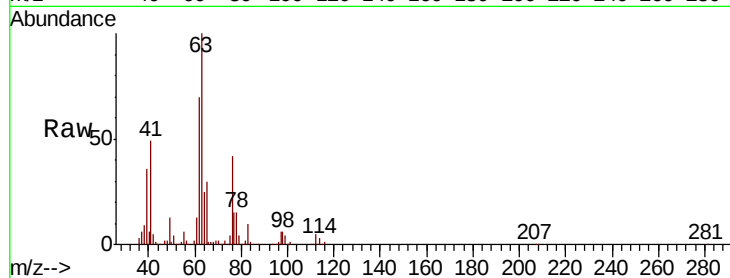
ClientSampleId :

Tot Ion: 63 Resp: 161962

Ion Ratio Lower Upper

63 100

65 30.1 24.7 37.1



#46

Dibromomethane

Concen: 51.850 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

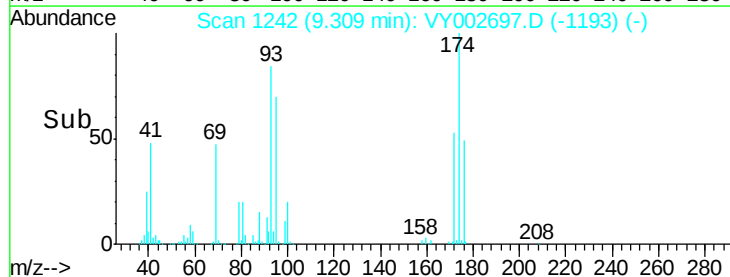
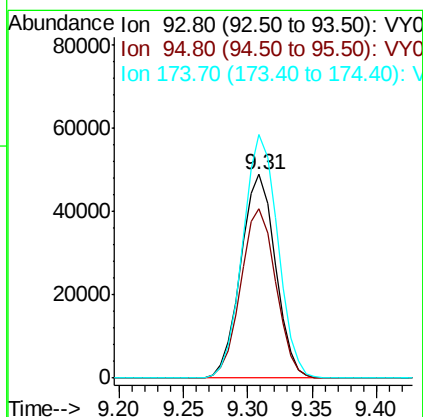
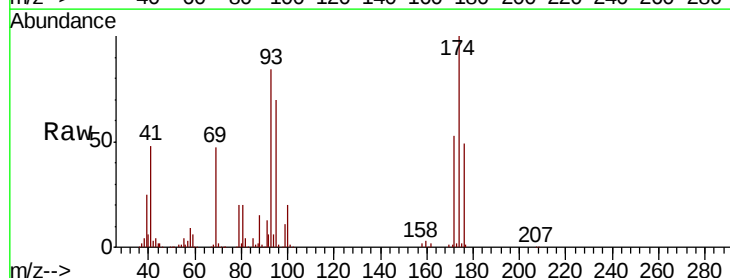
Tgt Ion: 93 Resp: 91340

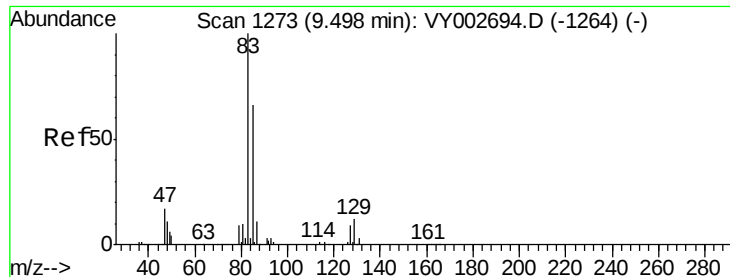
Ion Ratio Lower Upper

93 100

95 83.9 66.5 99.7

174 120.6 95.6 143.4





#47

Bromodichloromethane

Concen: 52.120 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :

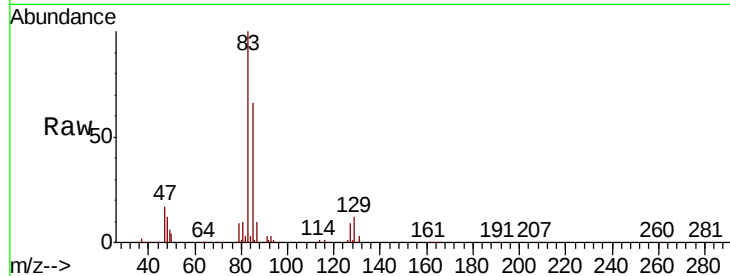
Tot Ion: 83 Resp: 224081

Ion Ratio Lower Upper

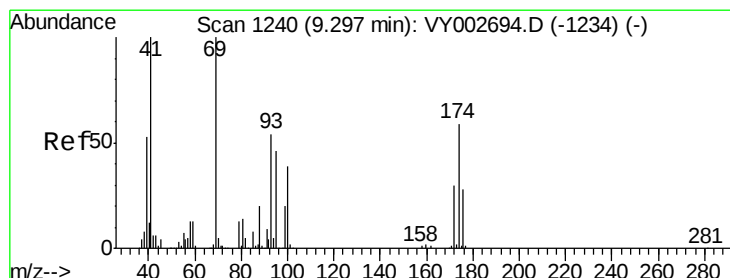
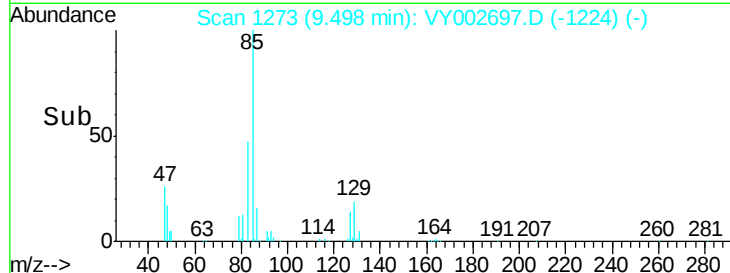
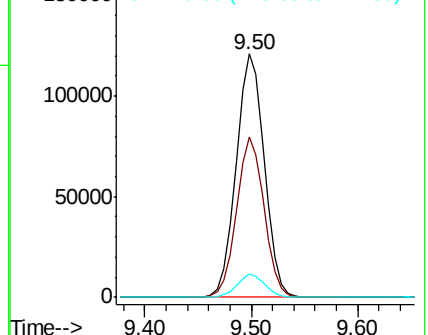
83 100

85 65.7 52.4 78.6

127 9.4 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: 53.293 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

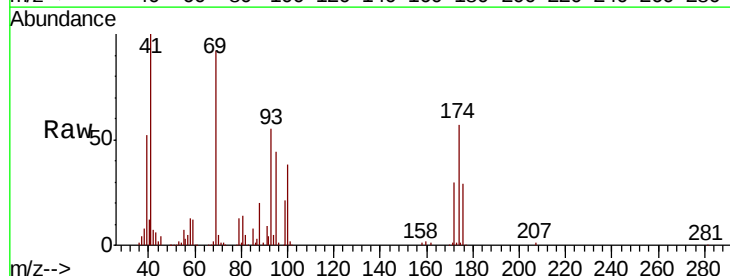
Tgt Ion: 41 Resp: 101556

Ion Ratio Lower Upper

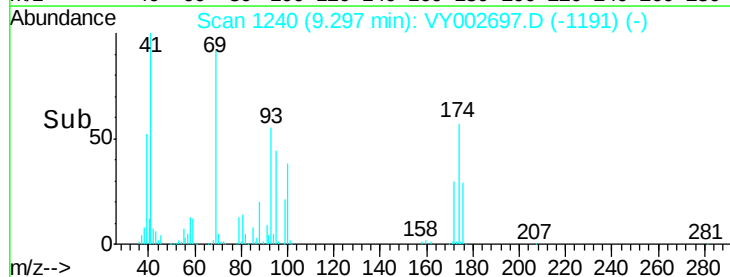
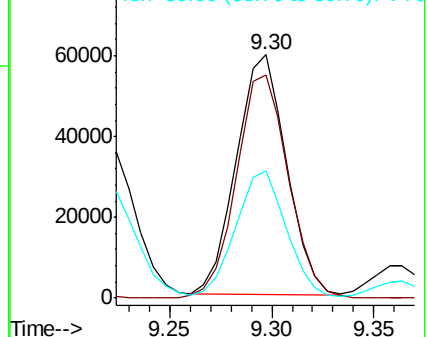
41 100

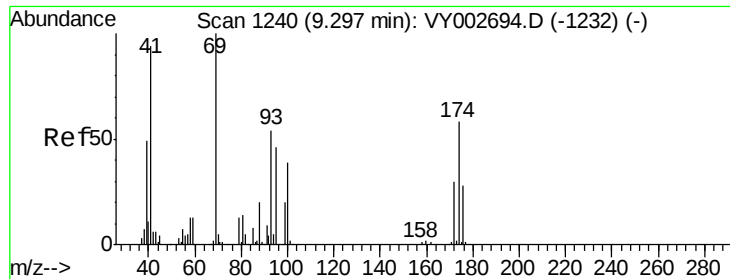
69 96.5 78.7 118.1

39 52.2 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

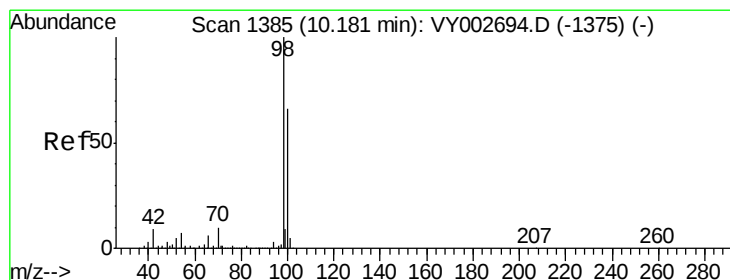
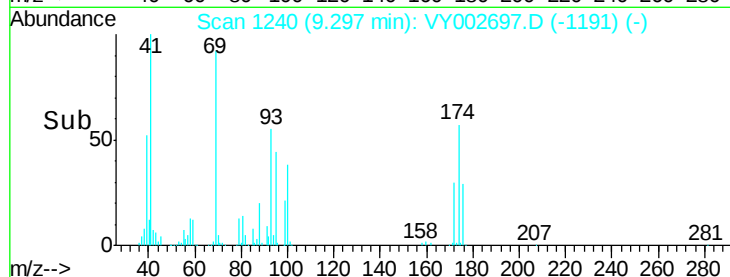
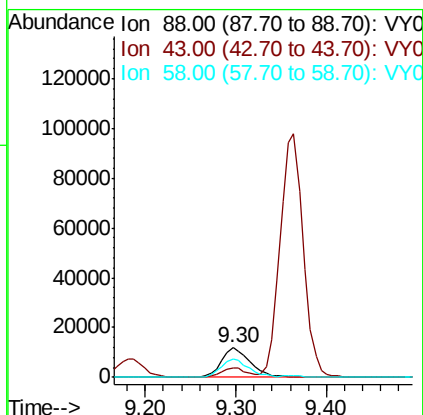
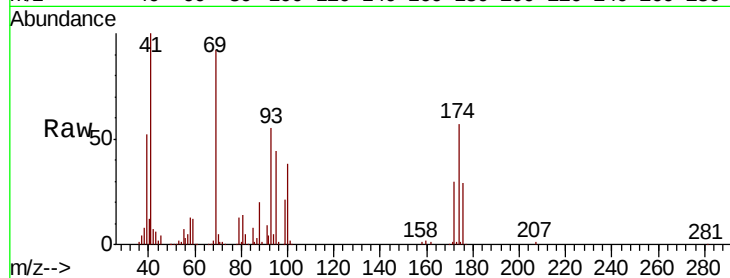




#49
1,4-Dioxane
Concen: 1094.089 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

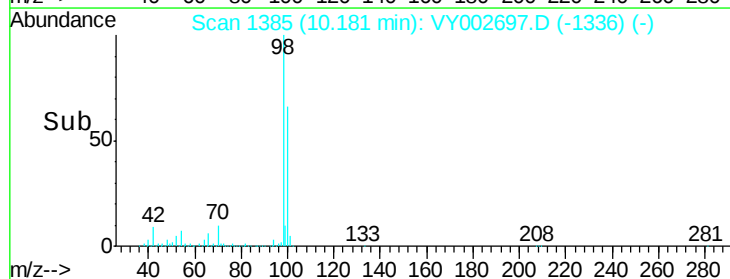
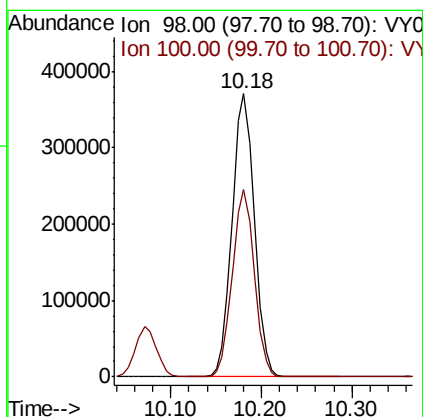
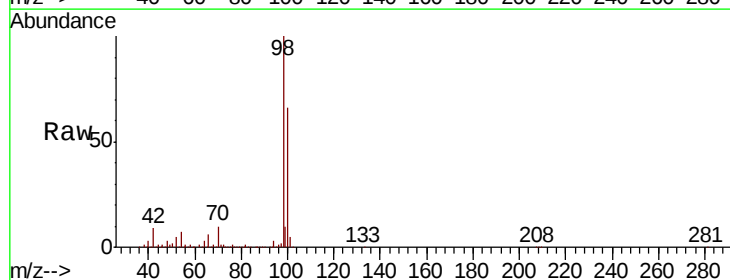
Instrument :
MSVOA_Y
ClientSampleId :

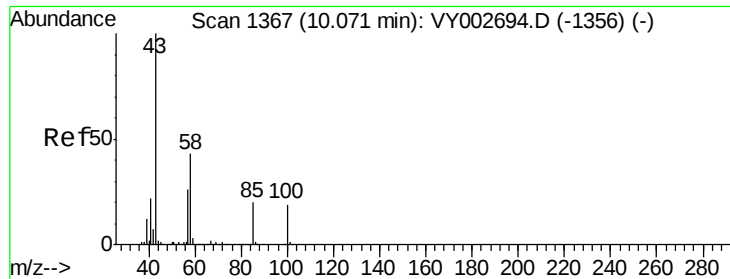
Tot Ion: 88 Resp: 26250
Ion Ratio Lower Upper
88 100
43 28.6 23.4 35.0
58 61.5 54.5 81.7



#50
Toluene-d8
Concen: 53.137 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion: 98 Resp: 631477
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

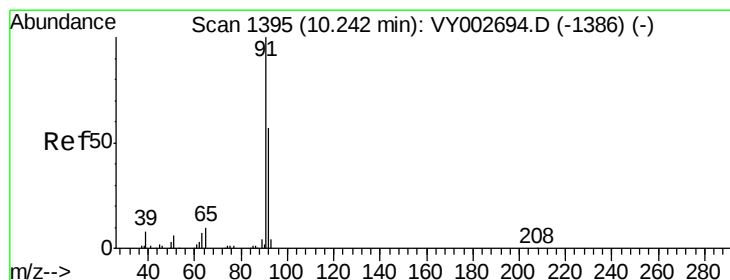
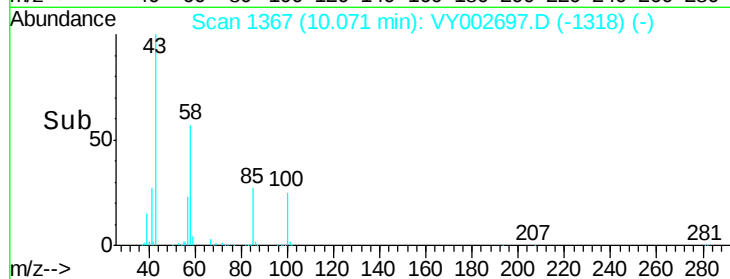
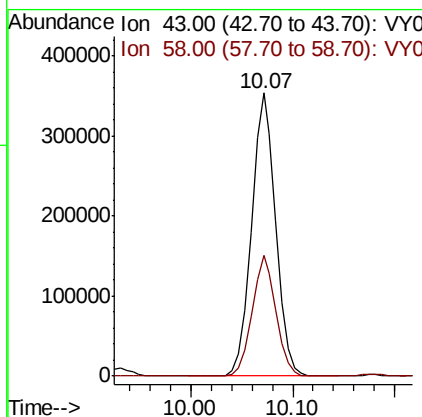
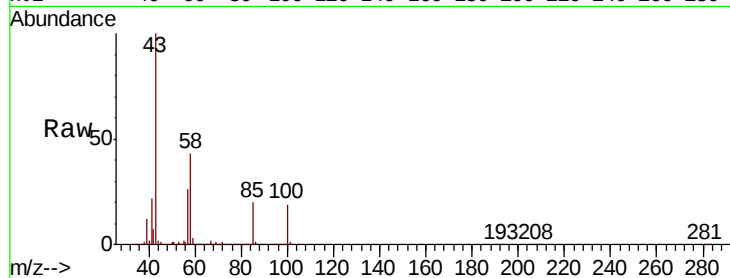




#51
 4-Methyl-2-Pentanone
 Concen: 272.303 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

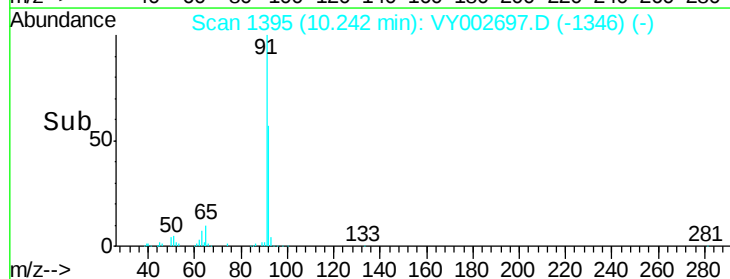
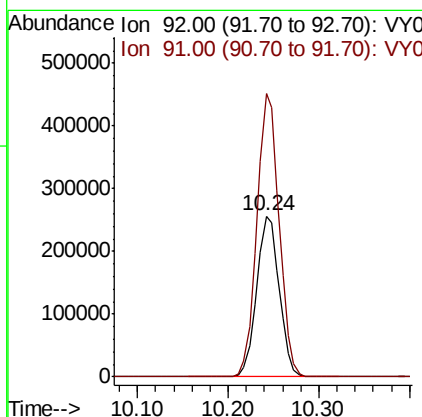
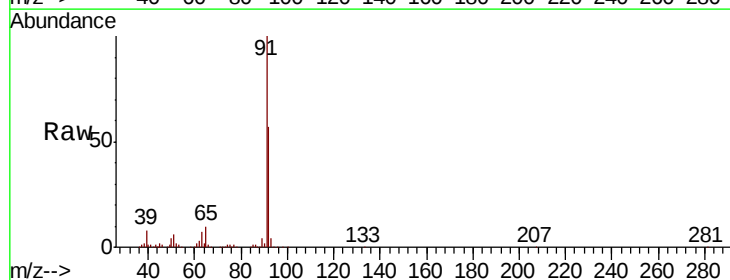
Instrument :
 MSVOA_Y
 ClientSampleId :

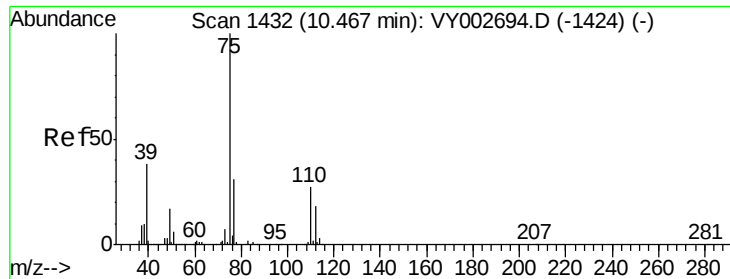
Tot Ion: 43 Resp: 581864
 Ion Ratio Lower Upper
 43 100
 58 42.2 34.1 51.1



#52
 Toluene
 Concen: 51.267 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion: 92 Resp: 438310
 Ion Ratio Lower Upper
 92 100
 91 174.2 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 52.717 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

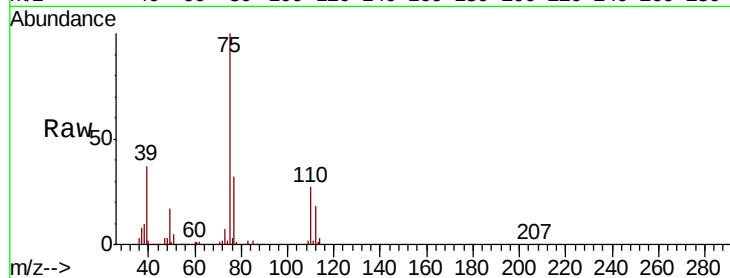
ClientSampleId :

Tot Ion: 75 Resp: 241911

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

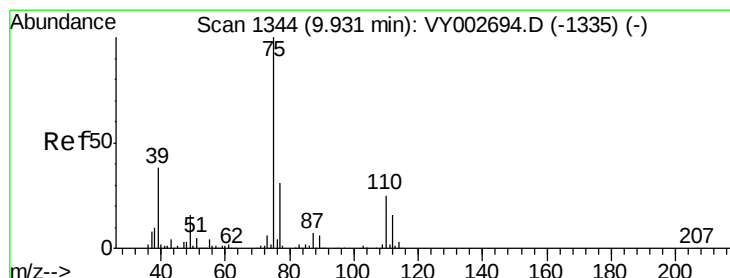
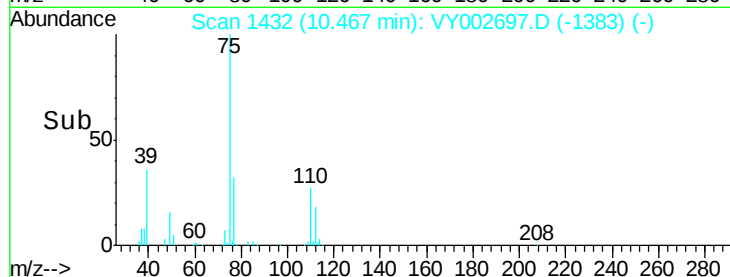
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.281 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

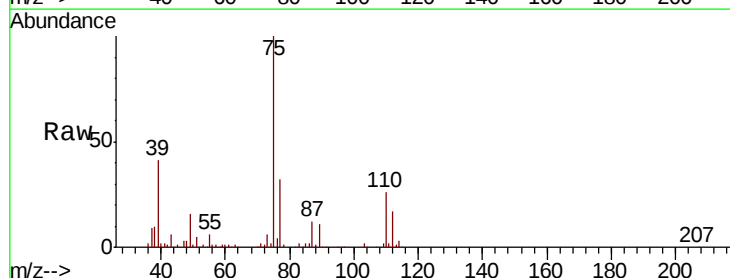
Tgt Ion: 75 Resp: 278127

Ion Ratio Lower Upper

75 100

77 32.5 24.8 37.2

39 40.6 30.7 46.1



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

200000

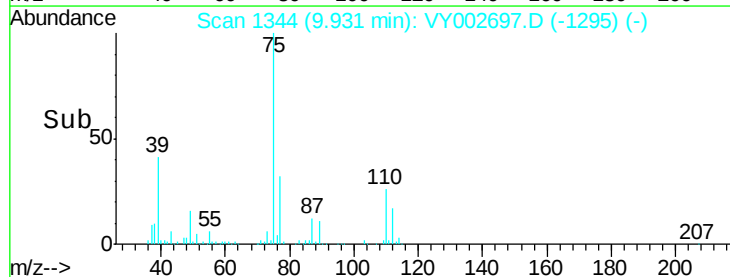
150000

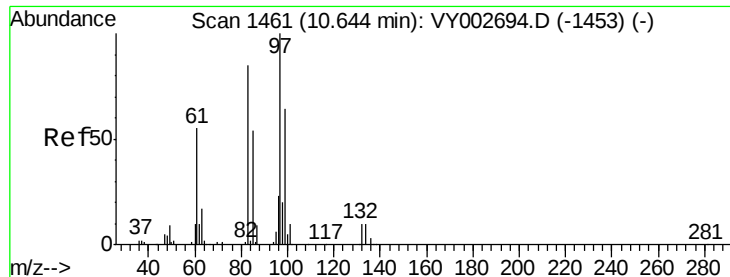
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 51.466 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

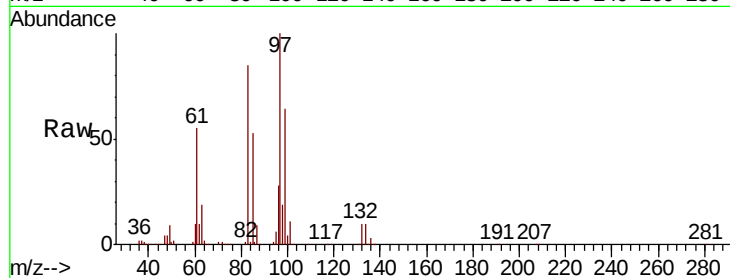
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 134977

Ion	Ratio	Lower	Upper
97	100		
83	84.7	68.1	102.1
85	52.9	43.1	64.7
99	63.9	51.0	76.4



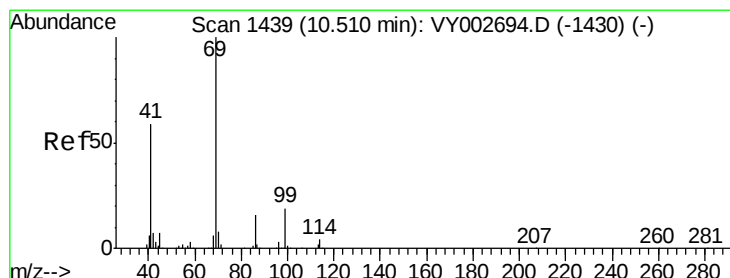
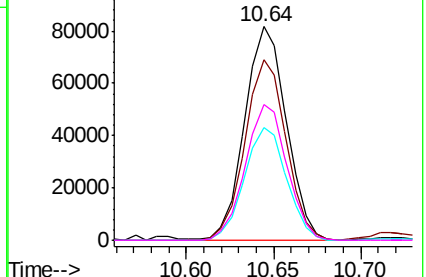
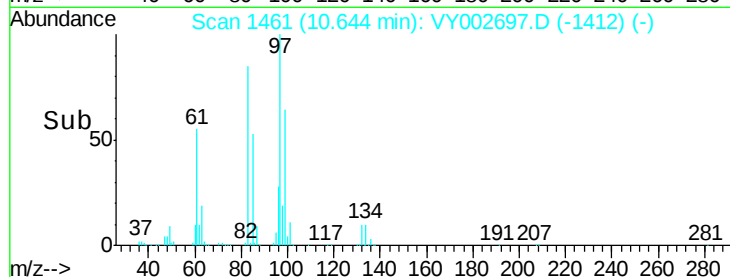
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 53.971 ug/l

RT: 10.51 min Scan# 1439

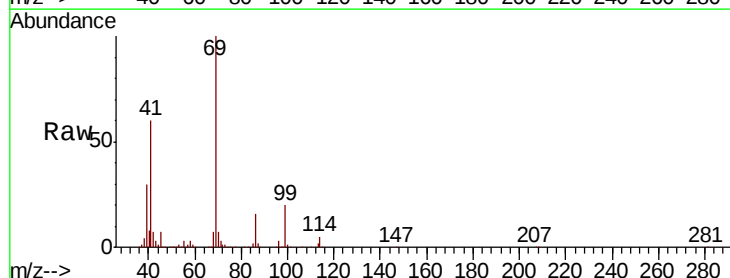
Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Tgt Ion: 69 Resp: 188440

Ion	Ratio	Lower	Upper
69	100		
41	59.6	48.0	72.0
39	28.0	22.1	33.1

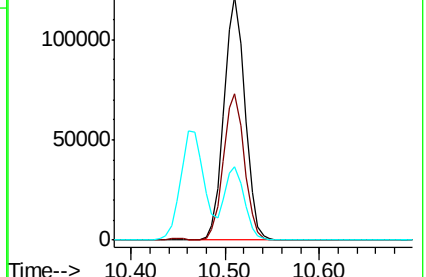
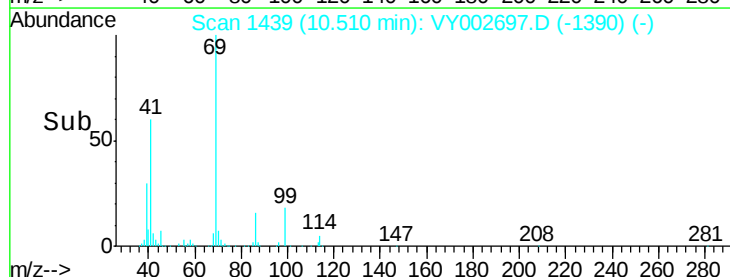


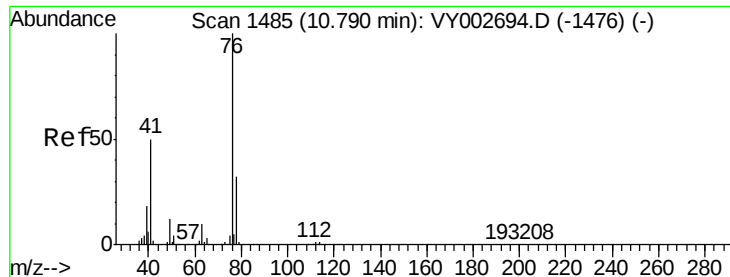
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 52.246 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

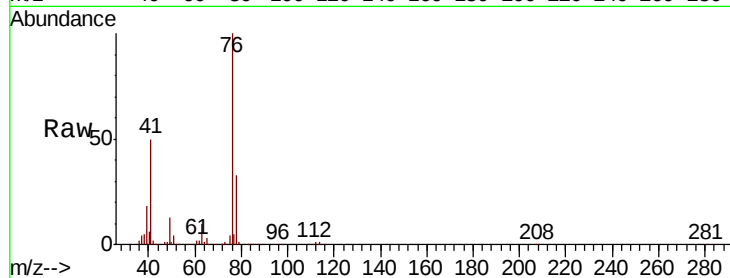
ClientSampleId :

Tot Ion: 76 Resp: 229621

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

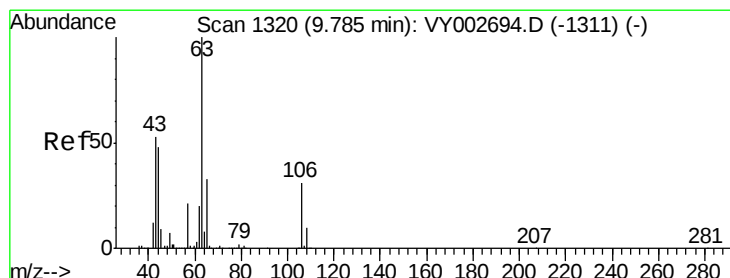
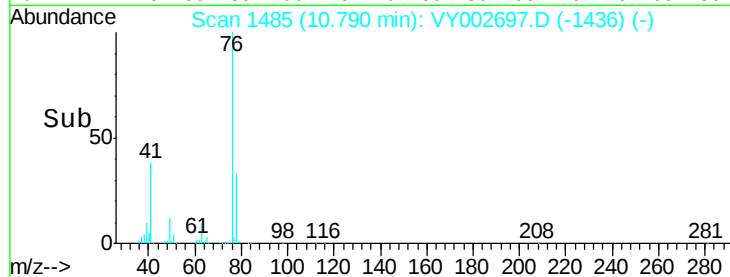
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 257.282 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002697.D

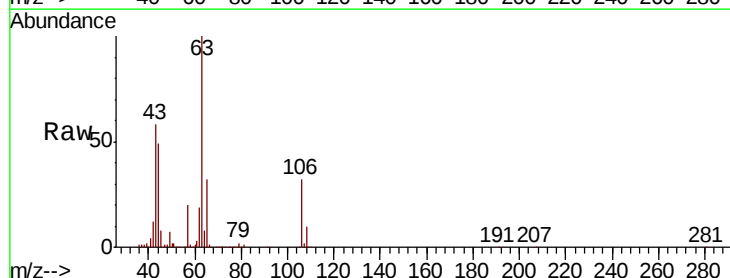
Acq: 15 May 2020 14:01

Tgt Ion: 63 Resp: 443465

Ion Ratio Lower Upper

63 100

106 31.5 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

300000

250000

200000

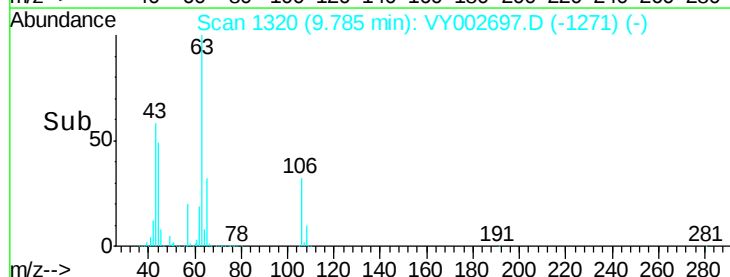
150000

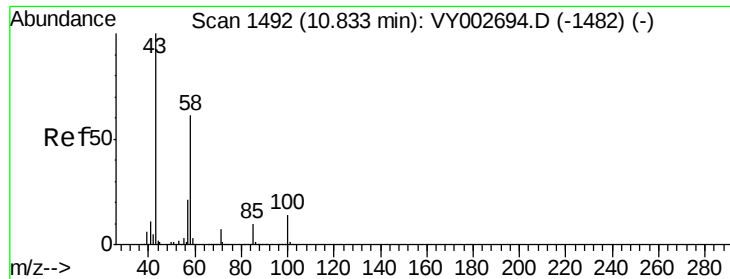
100000

50000

0

Time-->

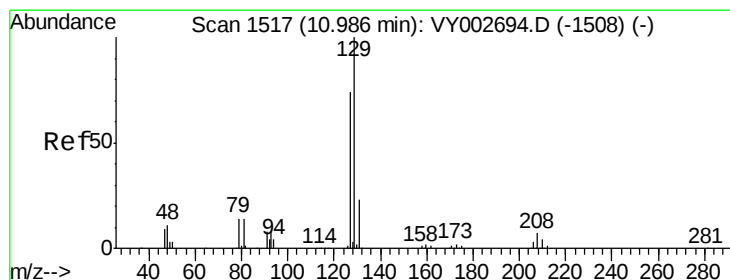
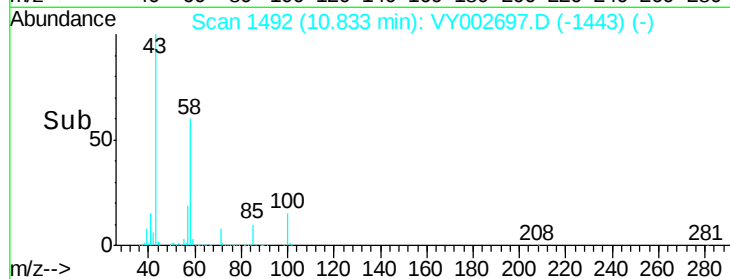
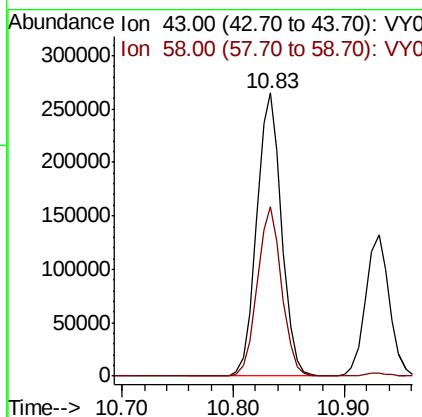
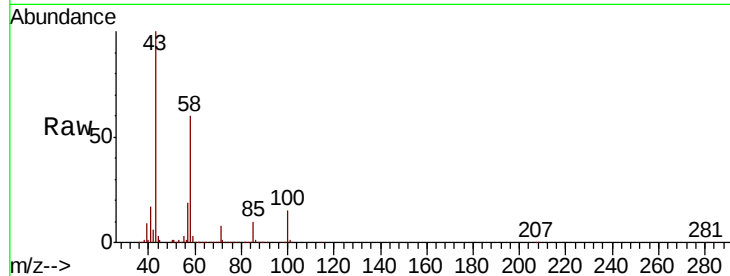




#59
2-Hexanone
Concen: 275.679 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

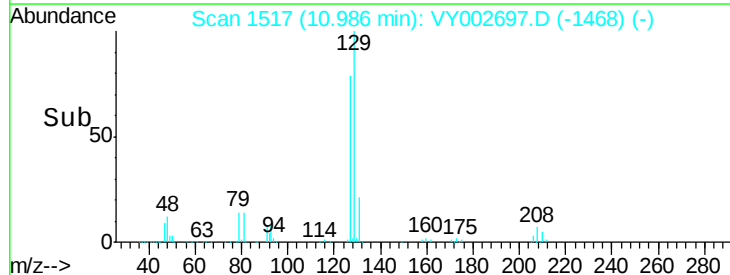
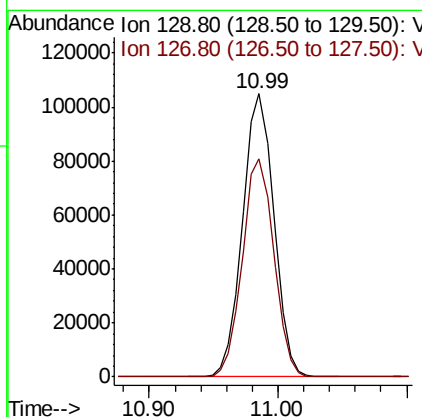
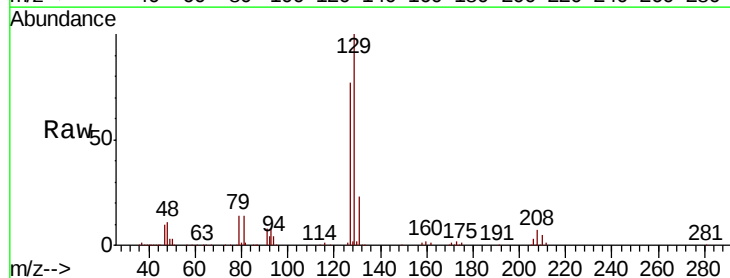
Instrument :
MSVOA_Y
ClientSampleId :

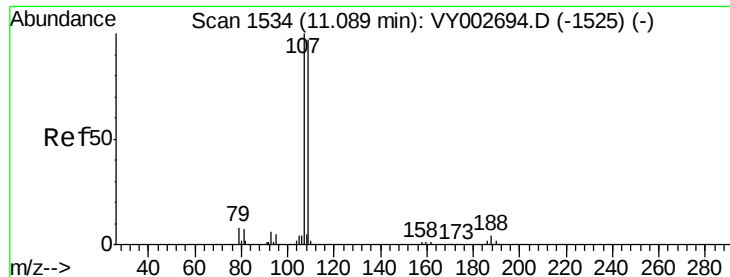
Tot Ion: 43 Resp: 410410
Ion Ratio Lower Upper
43 100
58 58.7 29.8 89.4



#60
Dibromochloromethane
Concen: 52.658 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion: 129 Resp: 176430
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3

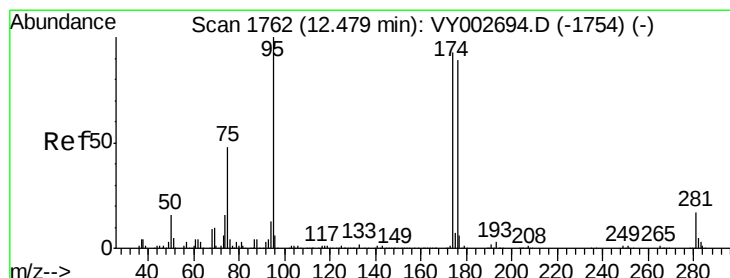
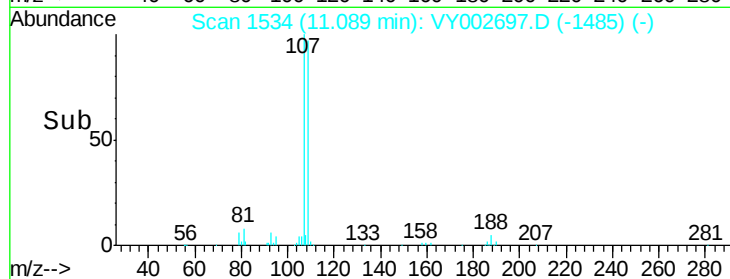
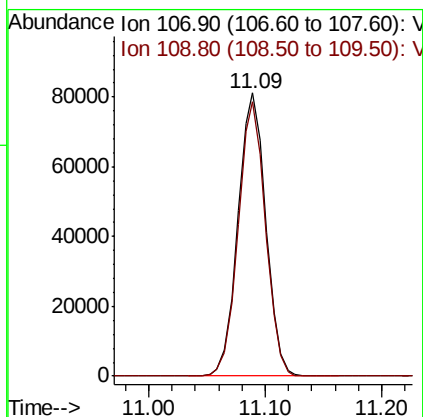
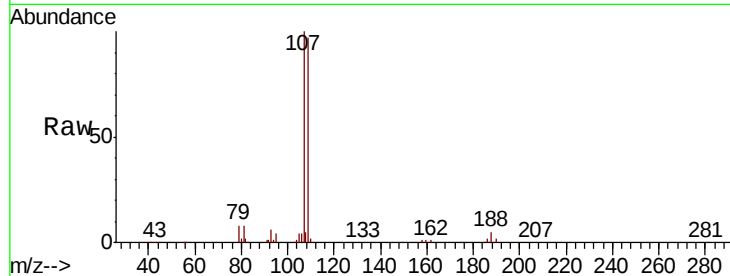




#61
 1,2-Dibromoethane
 Concen: 52.224 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

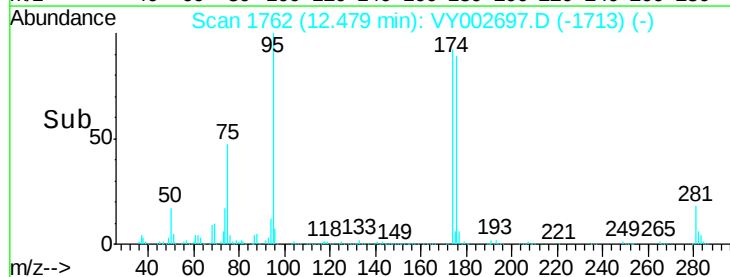
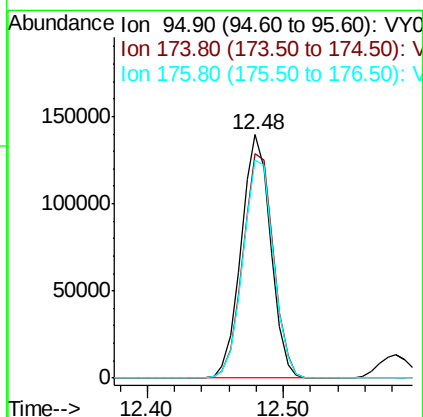
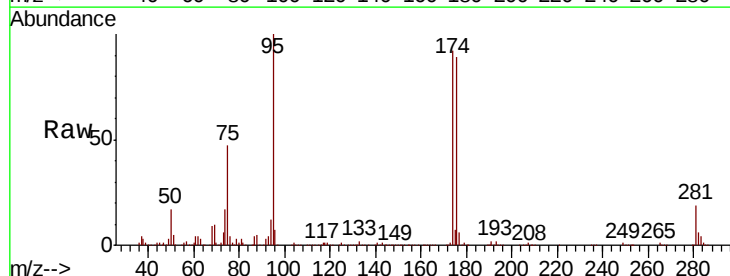
Instrument :
 MSVOA_Y
 ClientSampleId :

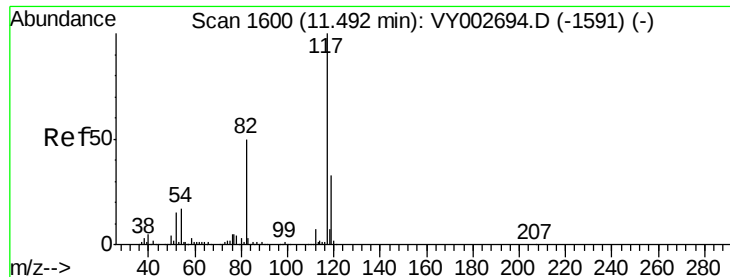
Tot Ion: 107 Resp: 134942
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 51.817 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion: 95 Resp: 211649
 Ion Ratio Lower Upper
 95 100
 174 95.5 0.0 191.4
 176 92.7 0.0 186.0

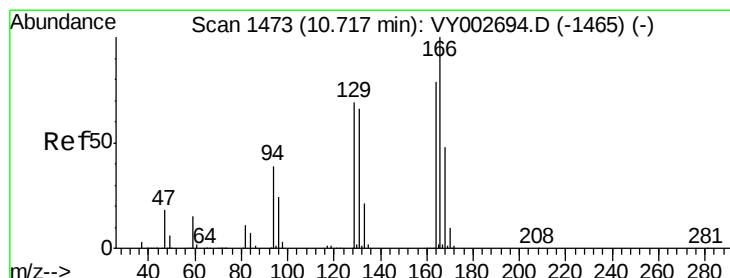
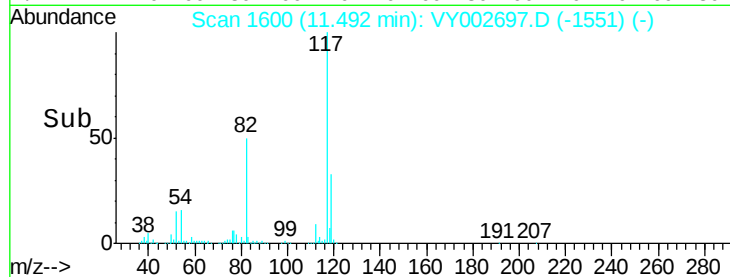
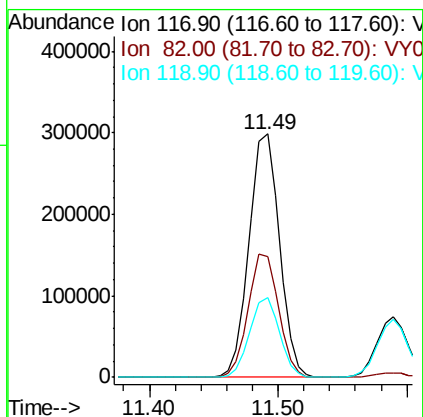
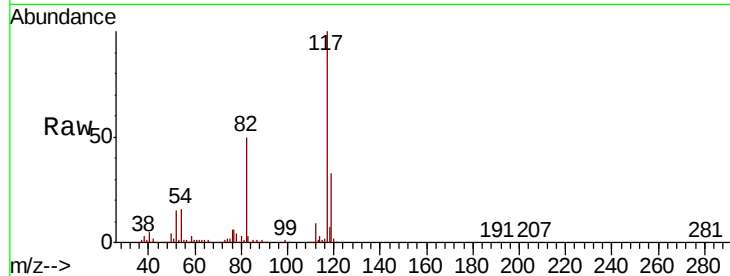




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

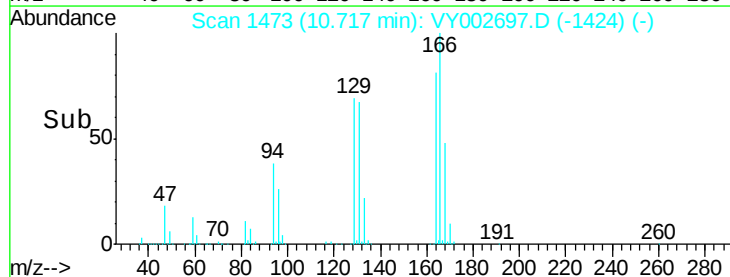
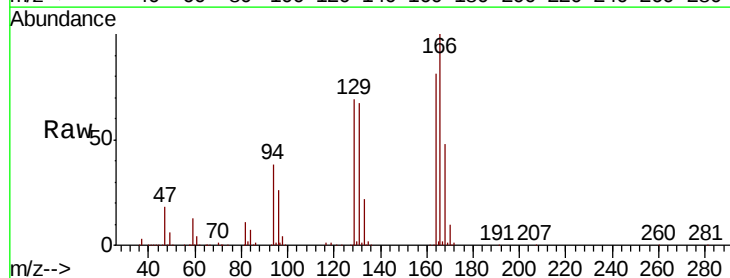
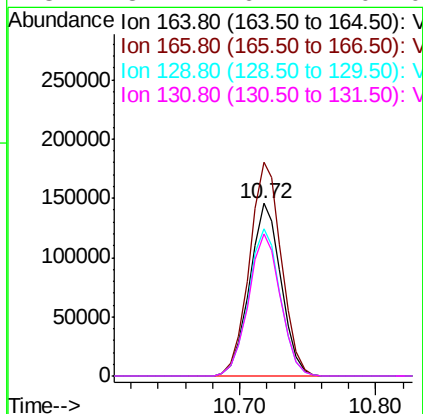
Instrument :
MSVOA_Y
ClientSampled :

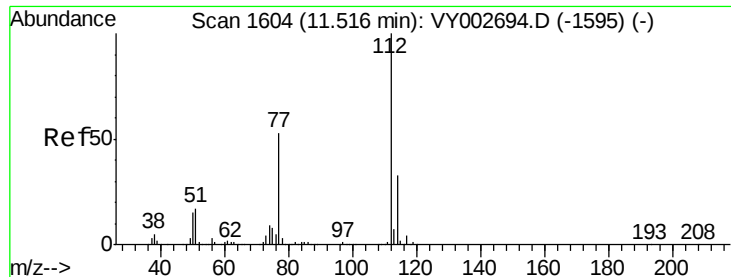
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.8	40.3	60.5
119	32.6	26.2	39.4



#64
Tetrachloroethene
Concen: 51.214 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	101.6	152.4
129	85.1	70.2	105.4
131	82.4	67.4	101.0

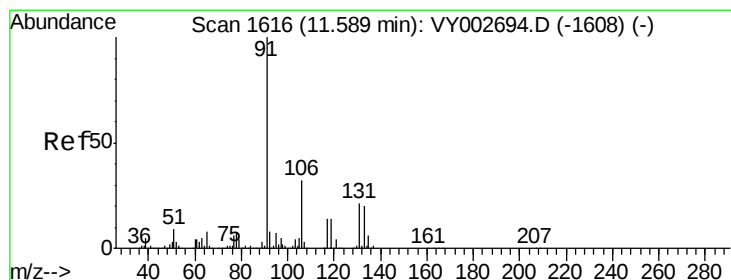
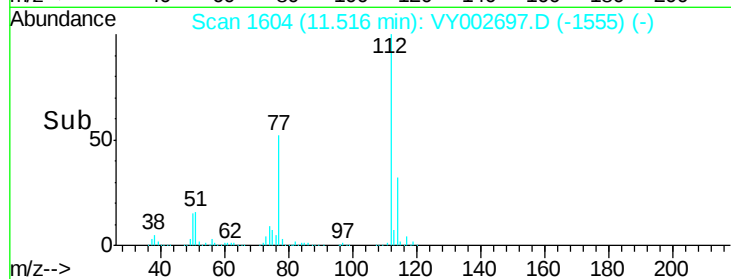
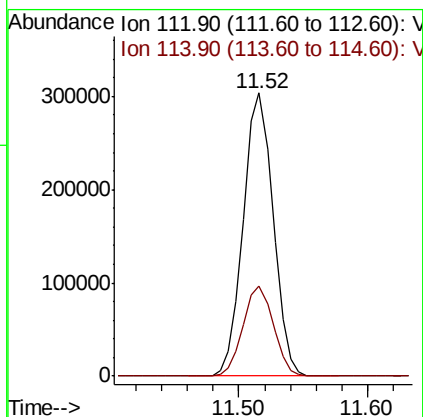
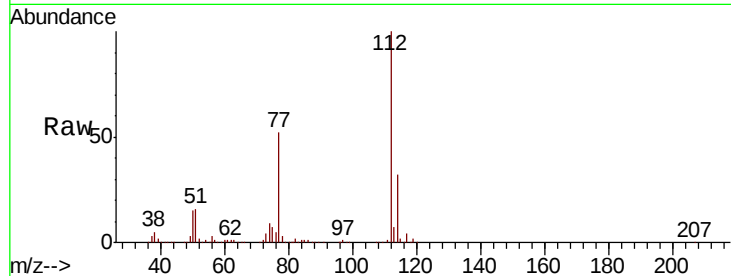




#65
Chlorobenzene
Concen: 51.890 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

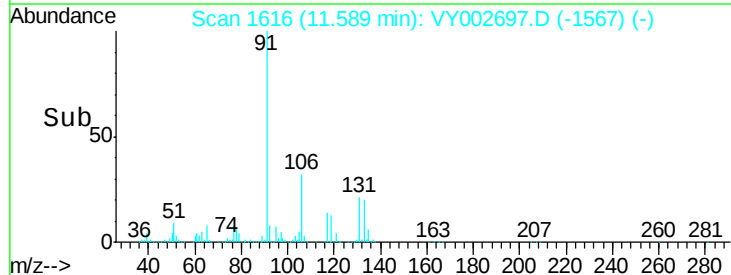
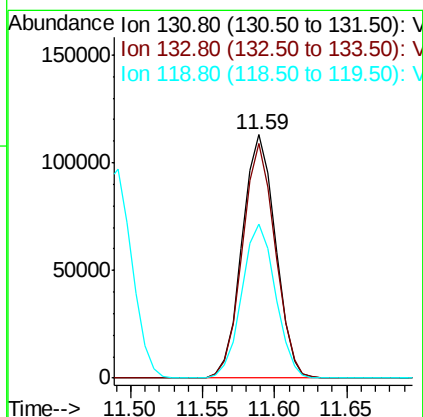
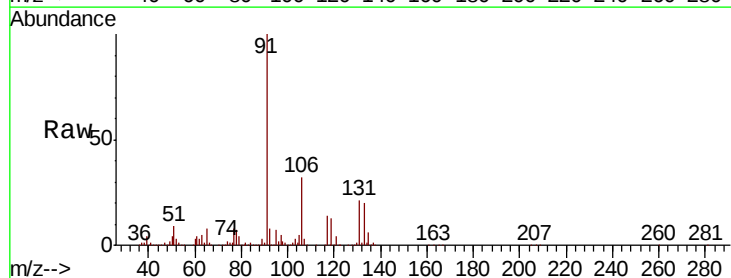
Instrument :
MSVOA_Y
ClientSampleId :

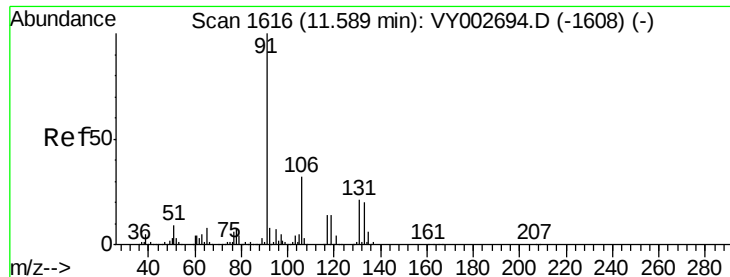
Tot Ion:112 Resp: 487601
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.191 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion:131 Resp: 182016
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.3
119 63.5 31.6 94.8





#67

Ethyl Benzene

Concen: 52.410 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

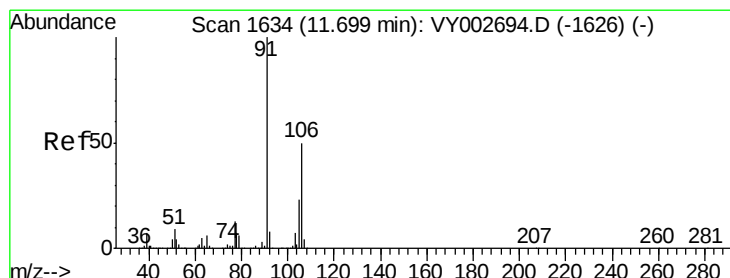
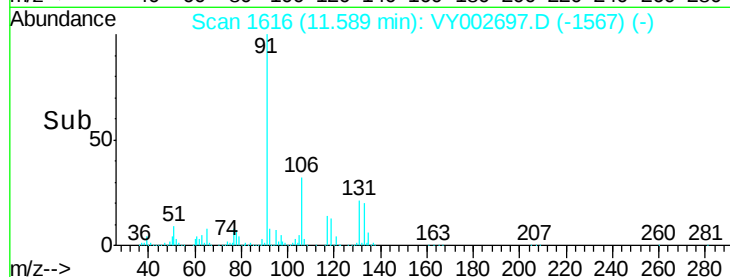
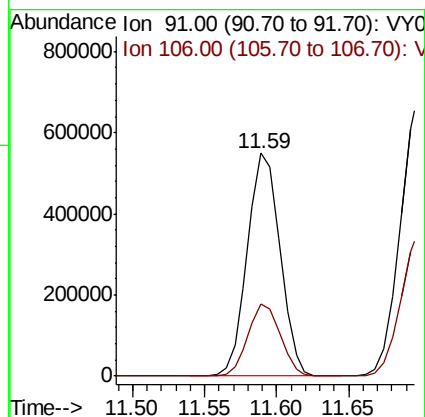
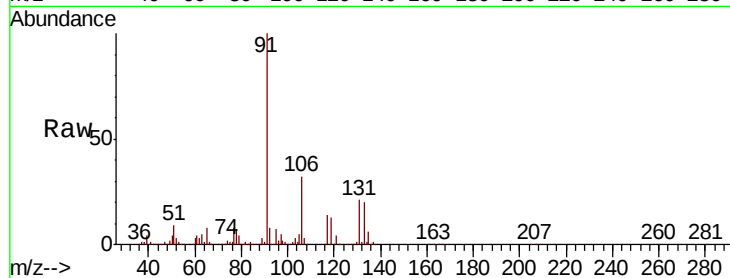
ClientSampleId :

Tot Ion: 91 Resp: 864720

Ion Ratio Lower Upper

91 100

106 32.3 26.0 39.0



#68

m/p-Xylenes

Concen: 103.954 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002697.D

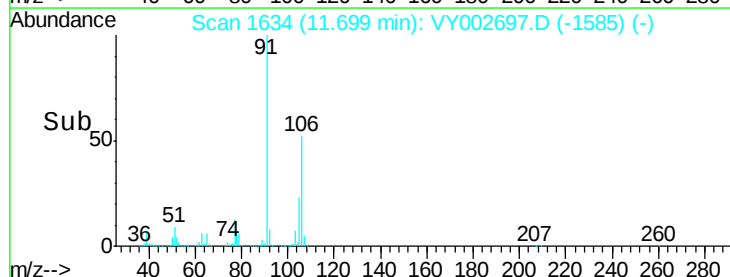
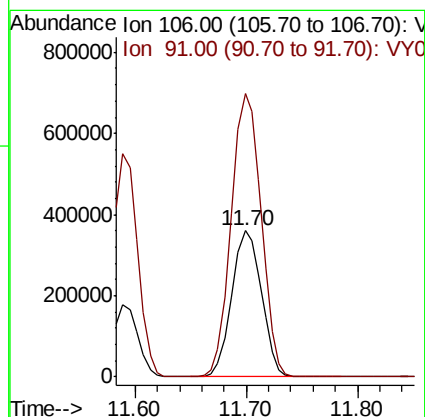
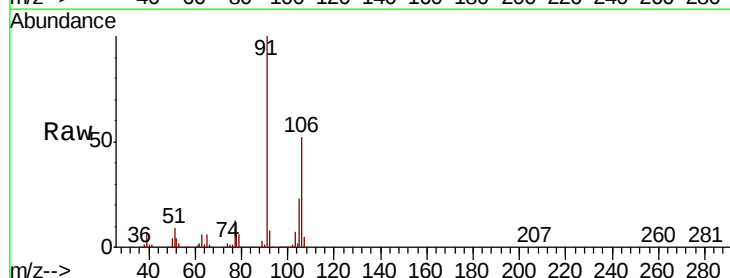
Acq: 15 May 2020 14:01

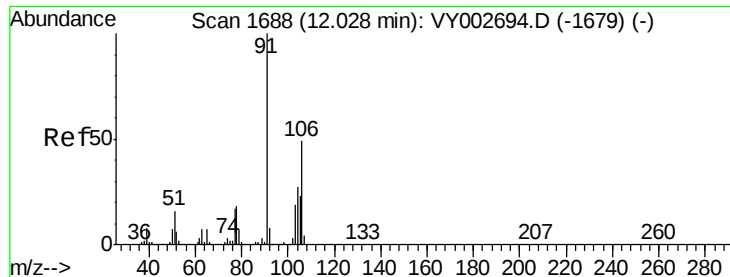
Tgt Ion: 106 Resp: 667278

Ion Ratio Lower Upper

106 100

91 194.9 156.2 234.4

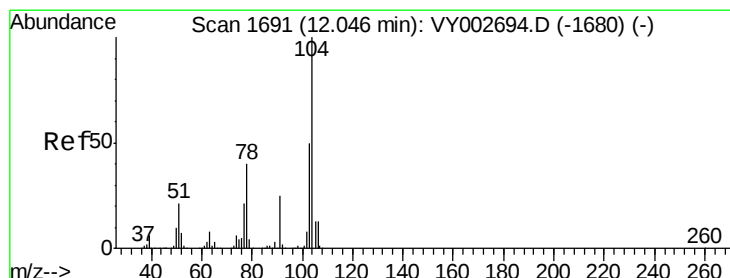
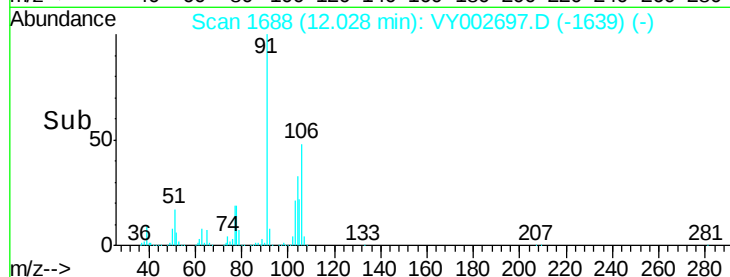
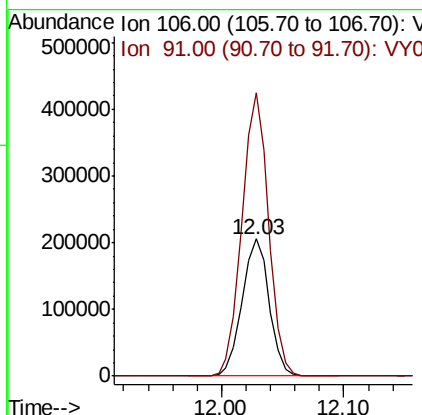
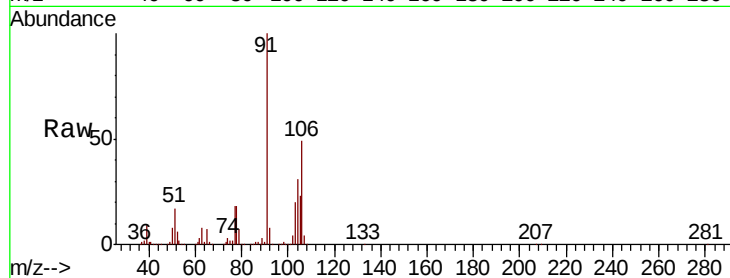




#69
o-Xylene
Concen: 52.386 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

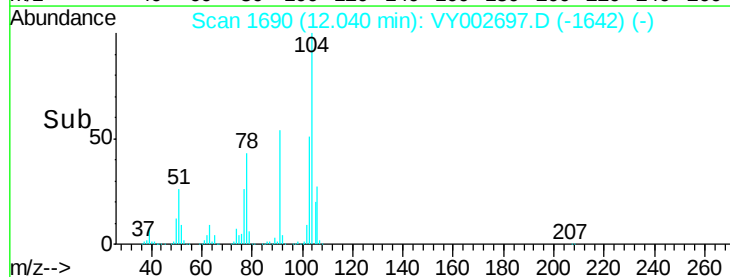
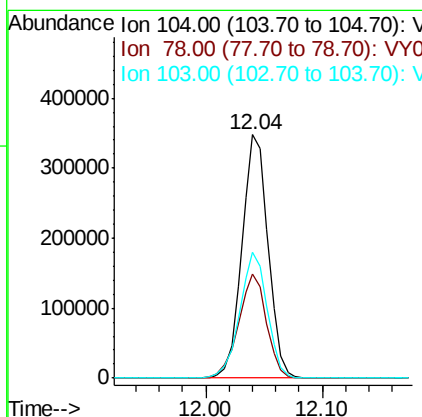
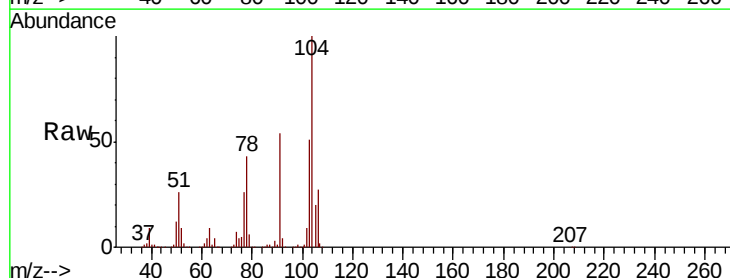
Instrument :
MSVOA_Y
ClientSampled :

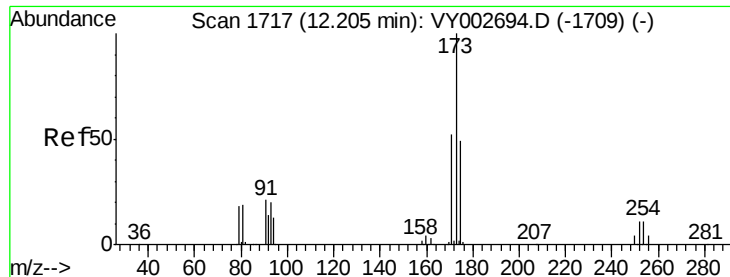
Tot Ion:106 Resp: 315609
Ion Ratio Lower Upper
106 100
91 202.4 103.5 310.3



#70
Styrene
Concen: 52.492 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion:104 Resp: 542971
Ion Ratio Lower Upper
104 100
78 45.5 36.6 54.8
103 54.3 44.1 66.1

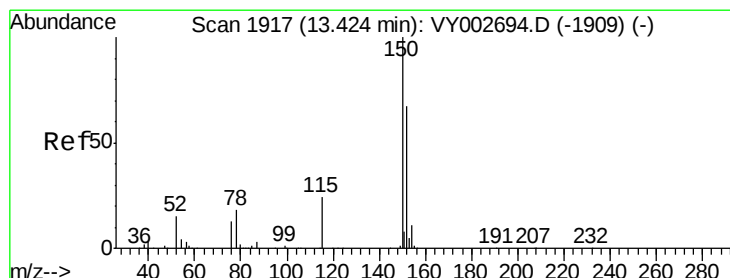
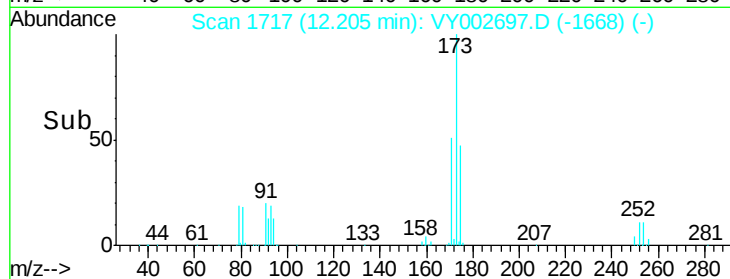
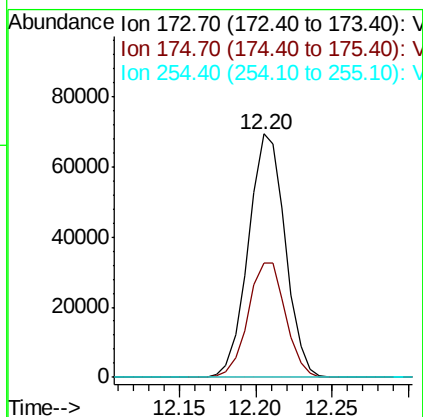
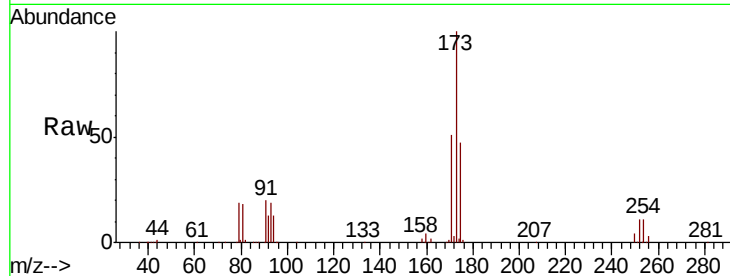




#71
Bromoform
Concen: 53.870 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

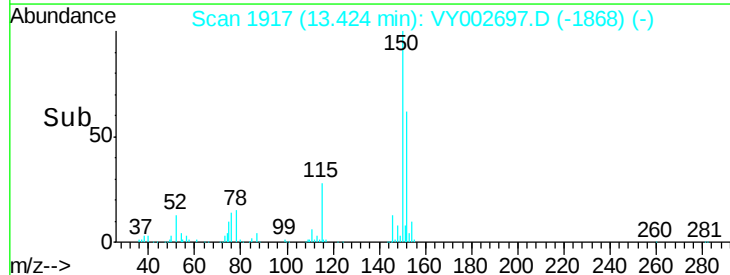
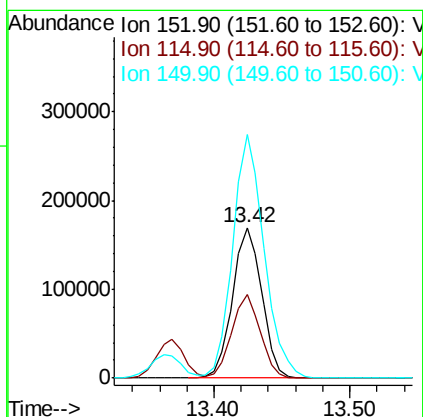
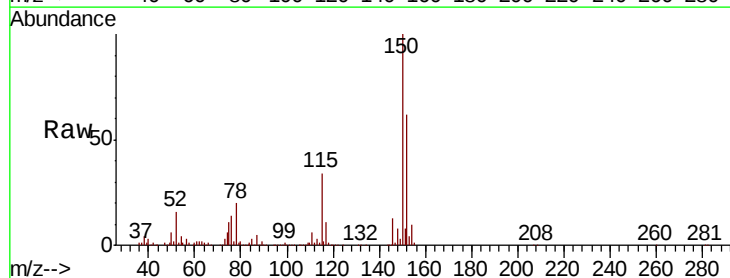
Instrument :
MSVOA_Y
ClientSampleId :

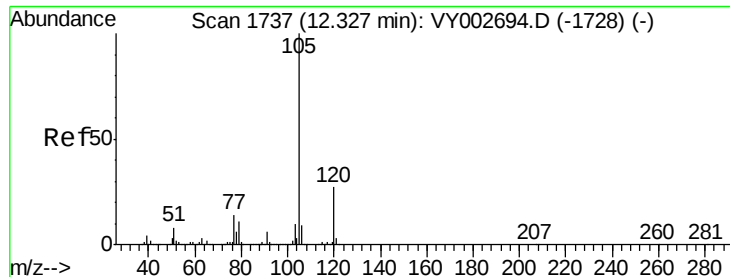
Tot Ion:173 Resp: 116131
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion:152 Resp: 252756
Ion Ratio Lower Upper
152 100
115 54.3 27.2 81.6
150 174.0 0.0 343.8





#73

Isopropylbenzene

Concen: 51.748 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

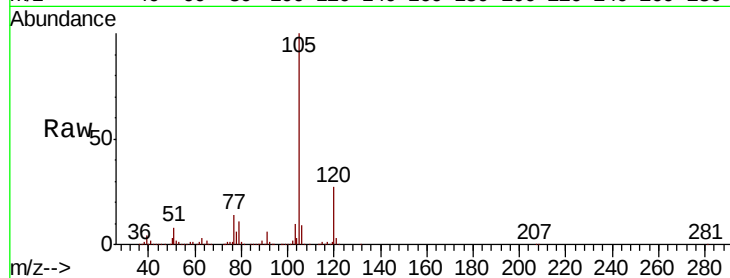
ClientSampleId :

Tot Ion:105 Resp: 854646

Ion Ratio Lower Upper

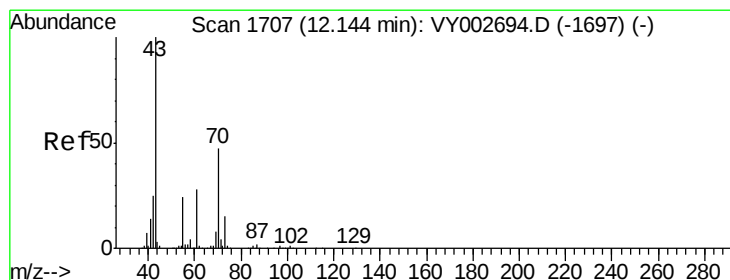
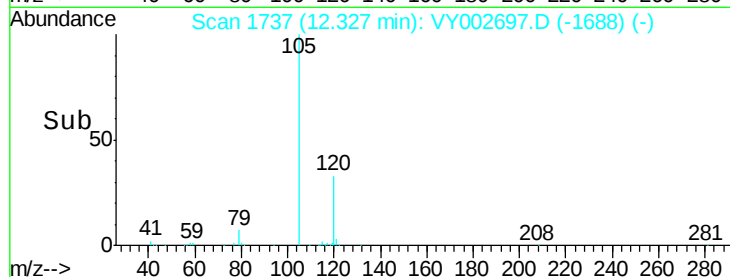
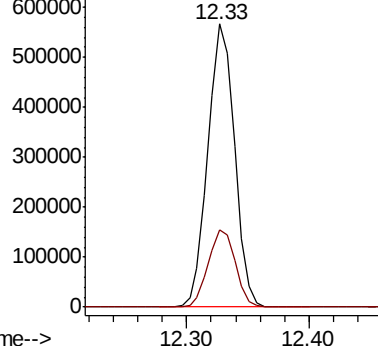
105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.469 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Tgt Ion: 43 Resp: 211095

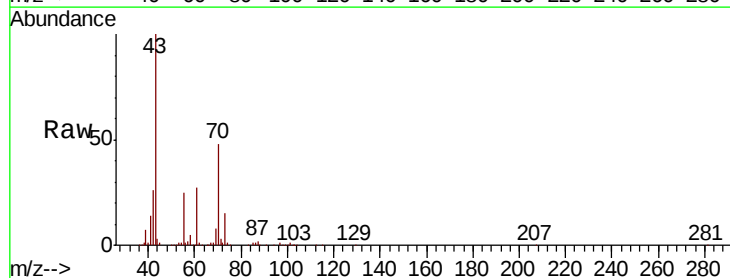
Ion Ratio Lower Upper

43 100

70 47.5 37.7 56.5

55 24.4 19.4 29.0

61 27.0 21.3 31.9

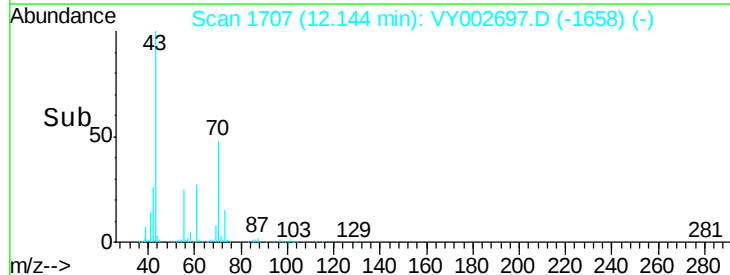
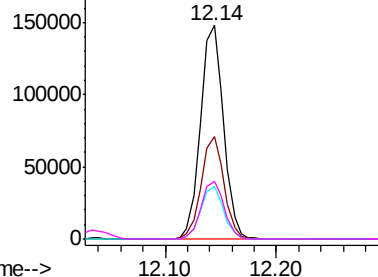


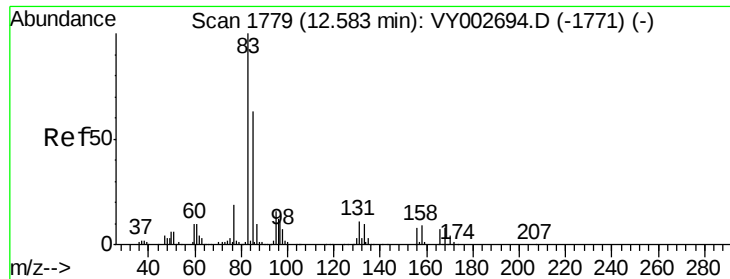
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.528 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampled :

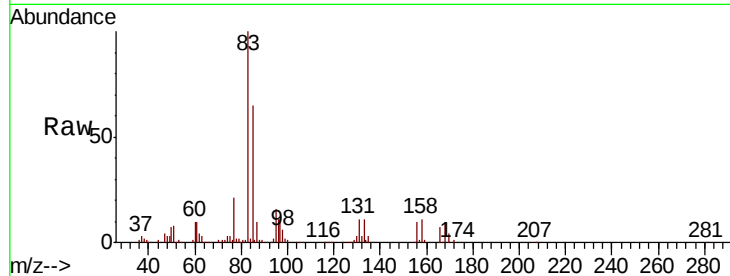
Tot Ion: 83 Resp: 132614

Ion Ratio Lower Upper

83 100

131 11.8 5.8 17.3

85 64.3 31.9 95.9

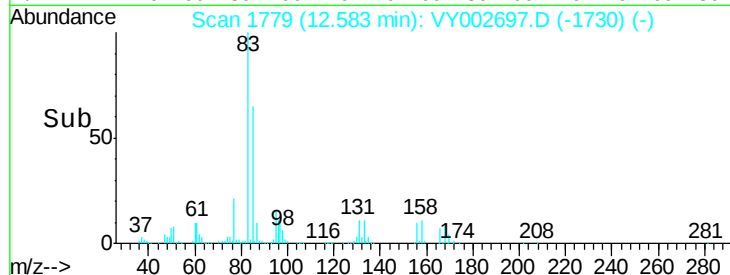


Abundance Ion 82.90 (82.60 to 83.60): VY002697.D (-1730) (-)

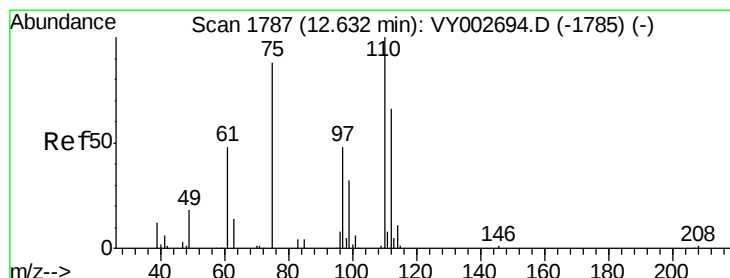
Ion 130.80 (130.50 to 131.50): VY002697.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002697.D (-1730) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 99.997 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002697.D

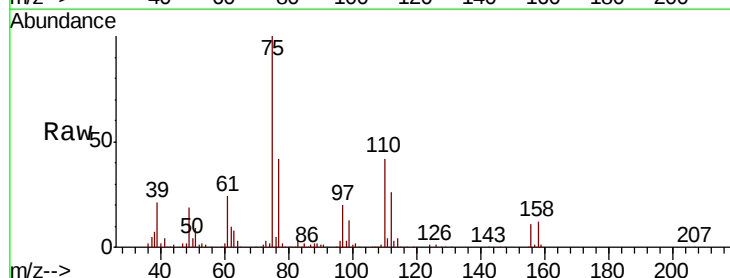
Acq: 15 May 2020 14:01

Tgt Ion: 75 Resp: 207625

Ion Ratio Lower Upper

75 100

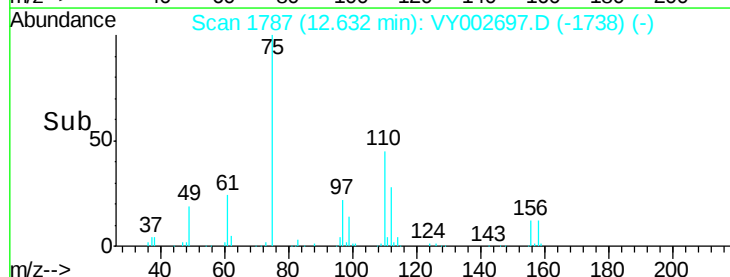
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002697.D (-1738) (-)

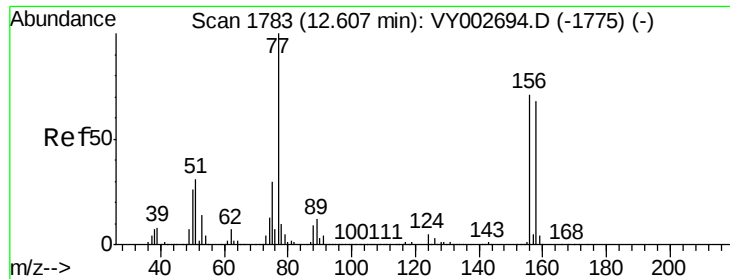
Ion 77.00 (76.70 to 77.70): VY002697.D (-1738) (-)

Time-->



Time-->

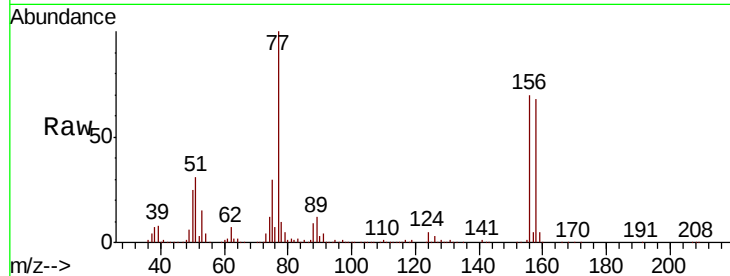
Time-->



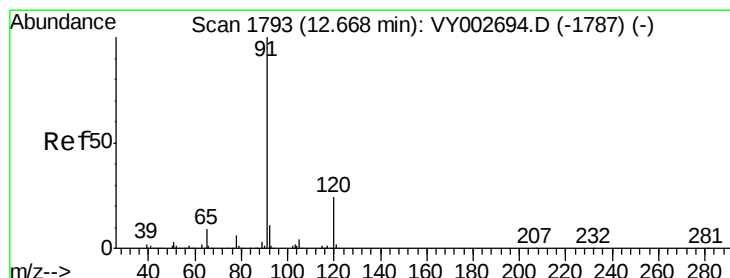
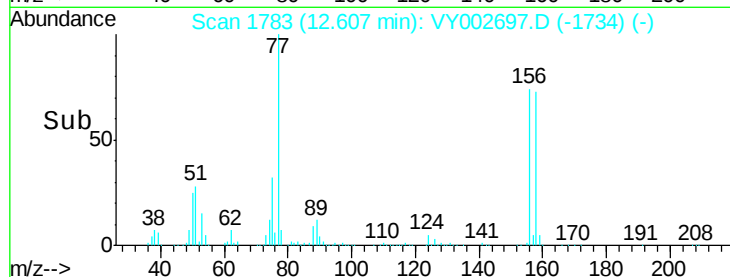
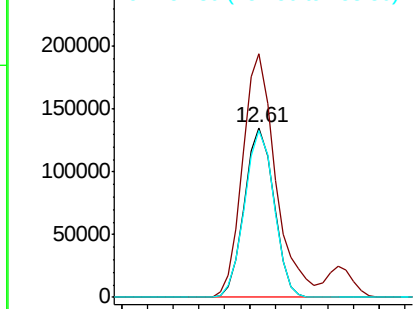
#77
Bromobenzene
Concen: 51.717 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:156 Resp: 213544
Ion Ratio Lower Upper
156 100
77 161.4 80.8 242.3
158 98.4 49.0 147.0

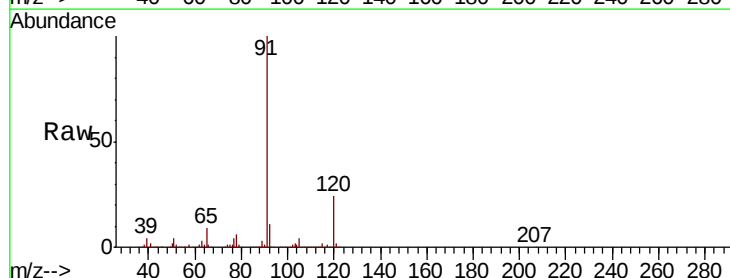


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

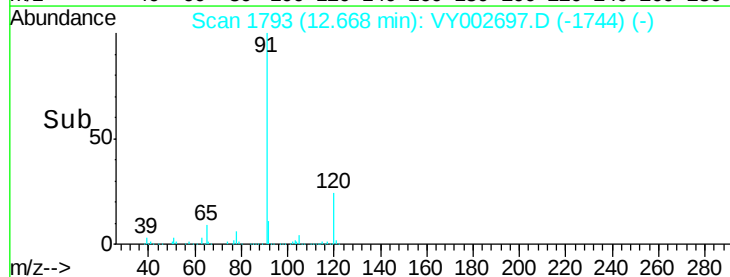
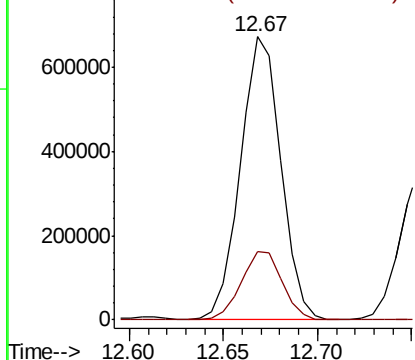


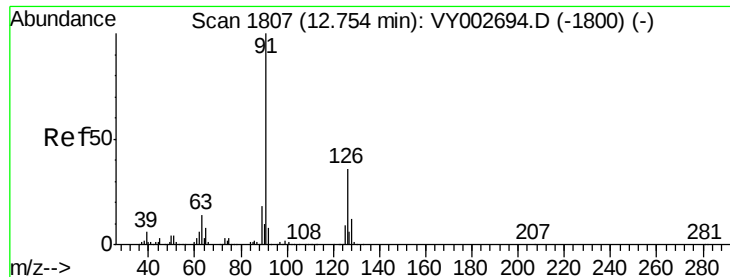
#78
n-propylbenzene
Concen: 52.034 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion: 91 Resp: 999716
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

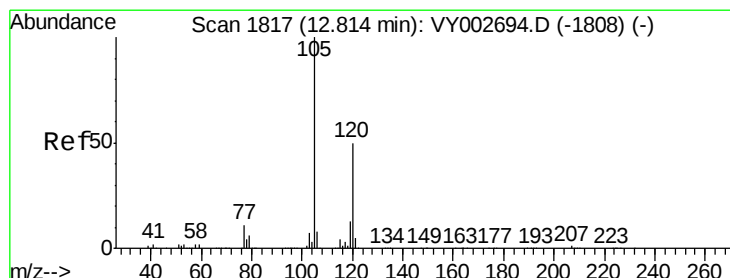
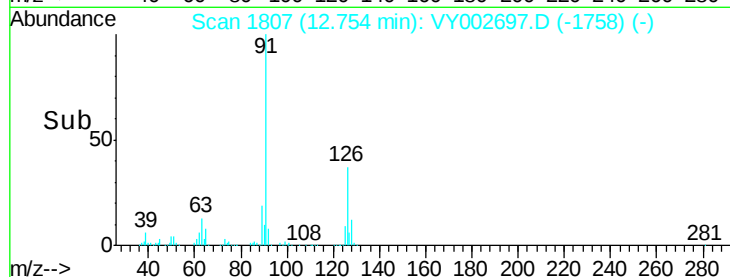
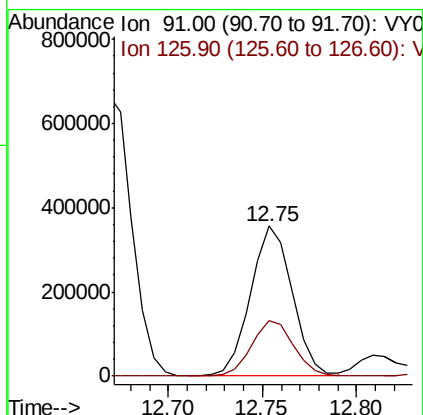
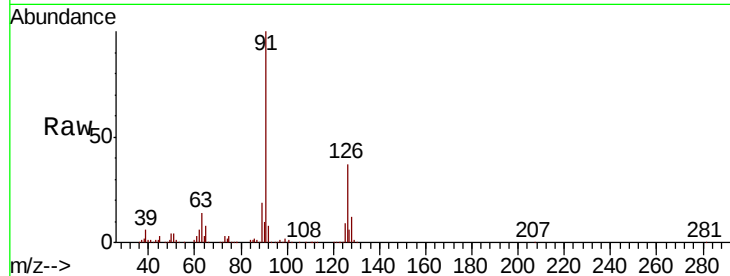




#79
2-Chlorotoluene
Concen: 51.339 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

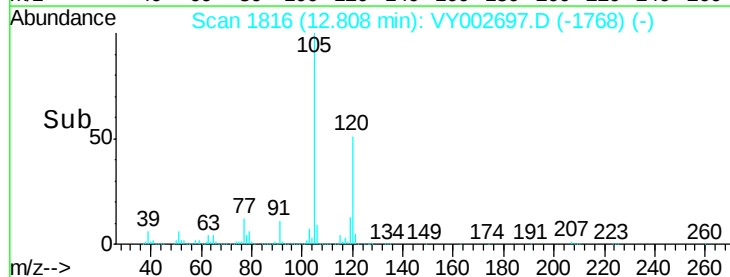
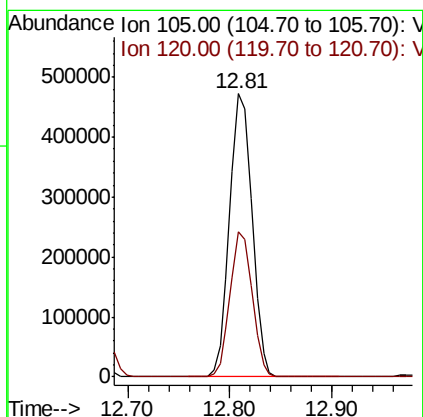
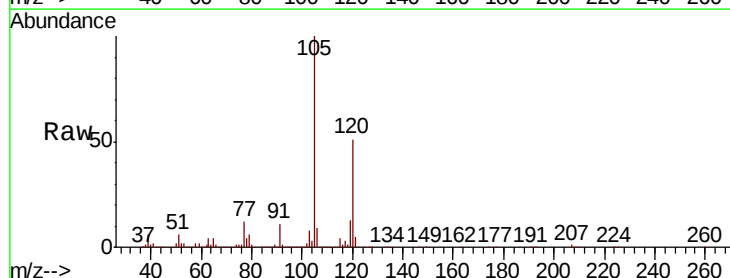
Instrument :
MSVOA_Y
ClientSampleId :

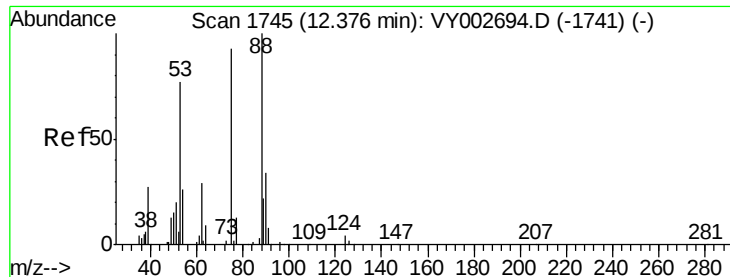
Tot Ion: 91 Resp: 547078
Ion Ratio Lower Upper
91 100
126 37.2 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 51.904 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion: 105 Resp: 720291
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 54.534 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

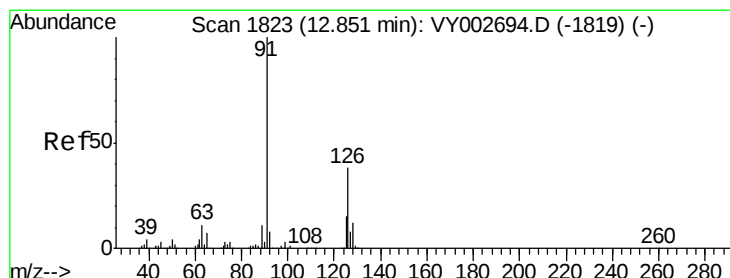
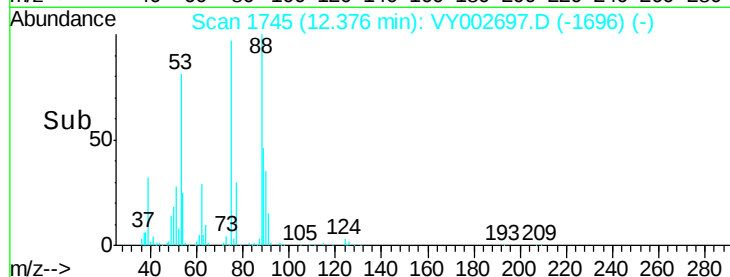
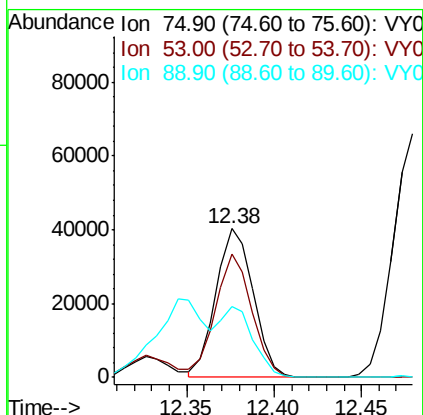
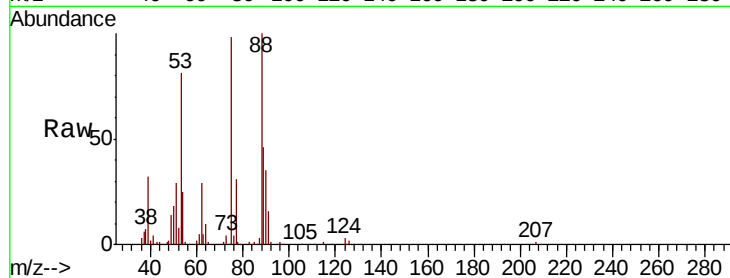
Tot Ion: 75 Resp: 59871

Ion Ratio Lower Upper

75 100

53 80.8 65.0 97.6

89 42.5 66.6 99.8#



#82

4-Chlorotoluene

Concen: 51.456 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002697.D

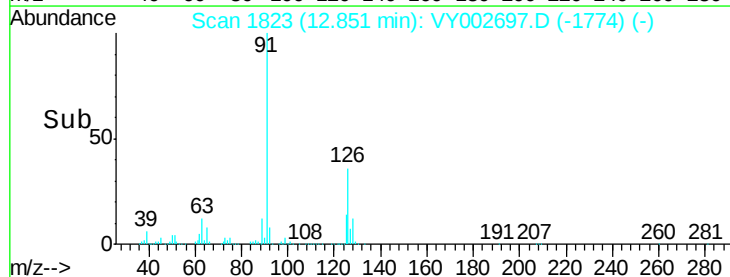
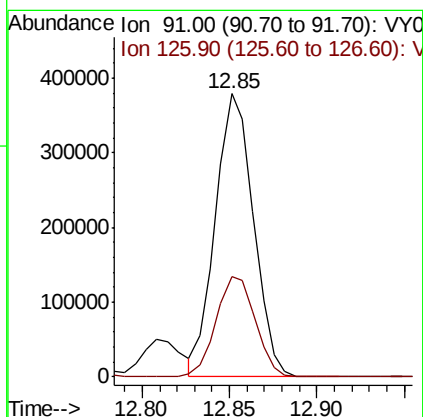
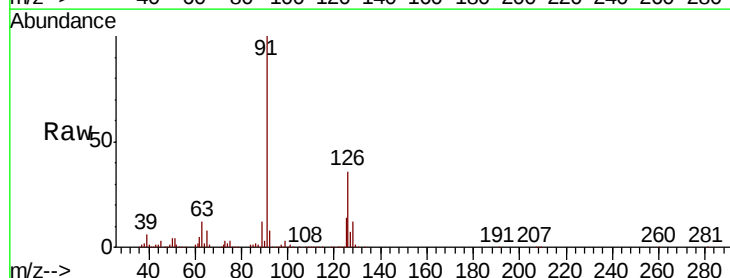
Acq: 15 May 2020 14:01

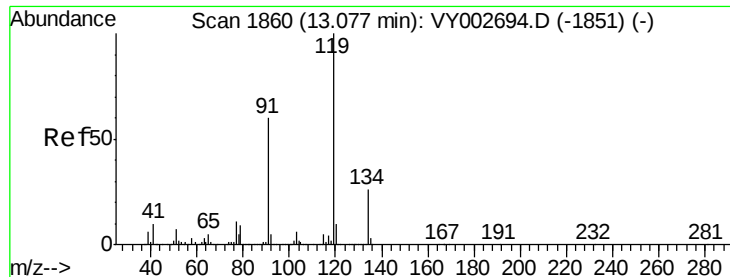
Tgt Ion: 91 Resp: 574360

Ion Ratio Lower Upper

91 100

126 36.7 18.6 56.0





#83

tert-Butylbenzene

Concen: 51.848 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

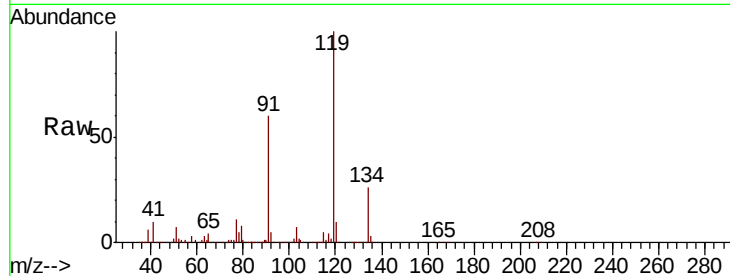
Tot Ion:119 Resp: 636776

Ion Ratio Lower Upper

119 100

91 60.0 30.4 91.2

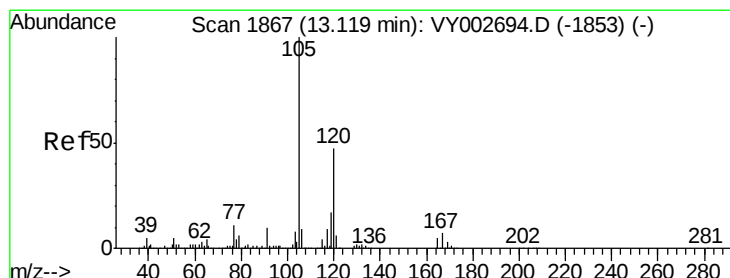
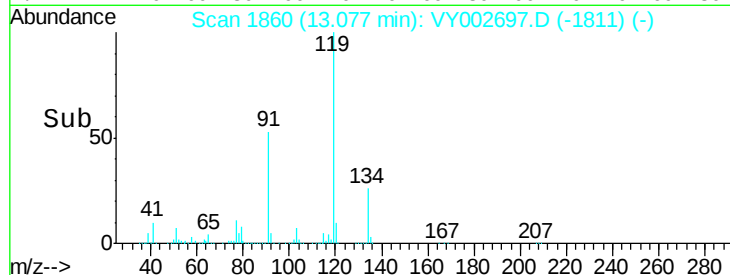
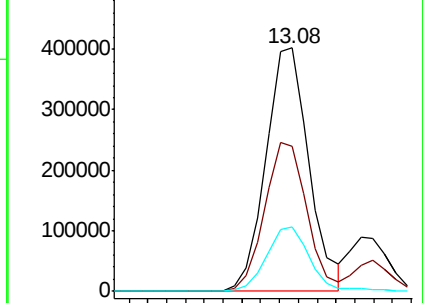
134 26.8 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.717 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002697.D

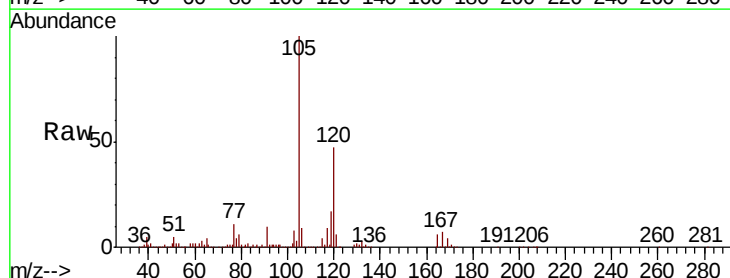
Acq: 15 May 2020 14:01

Tgt Ion:105 Resp: 717256

Ion Ratio Lower Upper

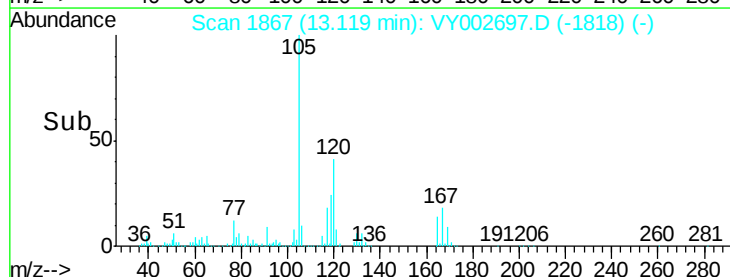
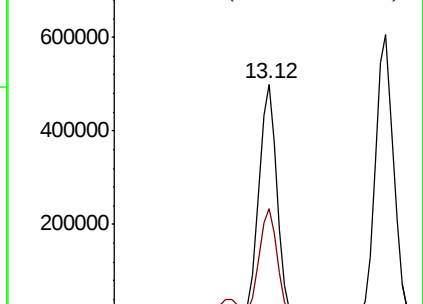
105 100

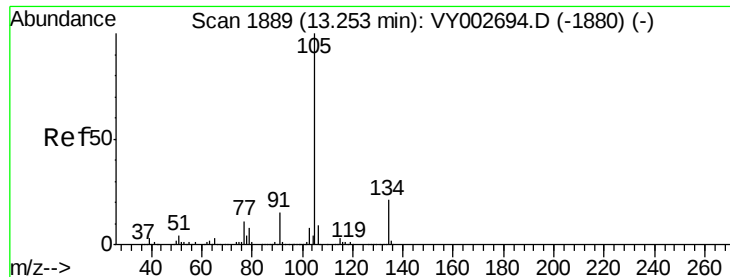
120 47.4 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.605 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

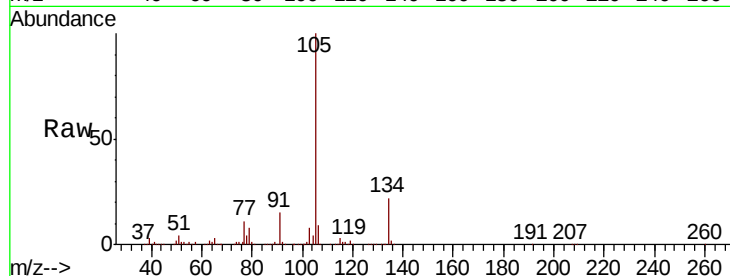
ClientSampleId :

Tot Ion:105 Resp: 874583

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

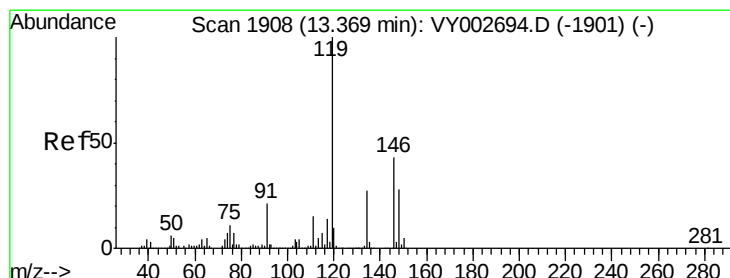
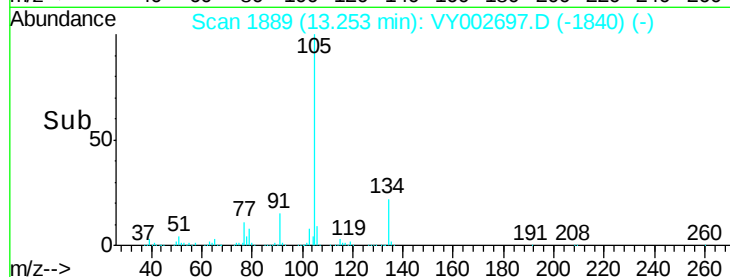
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.808 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

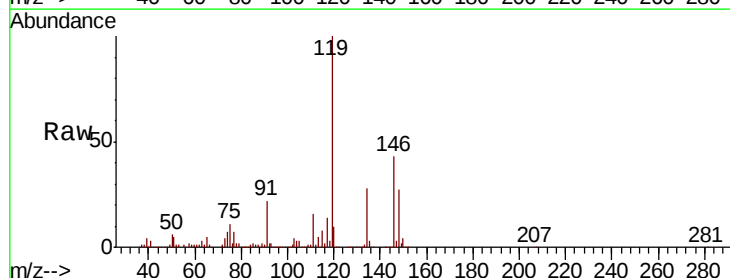
Tgt Ion:119 Resp: 821856

Ion Ratio Lower Upper

119 100

134 27.3 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

13.37

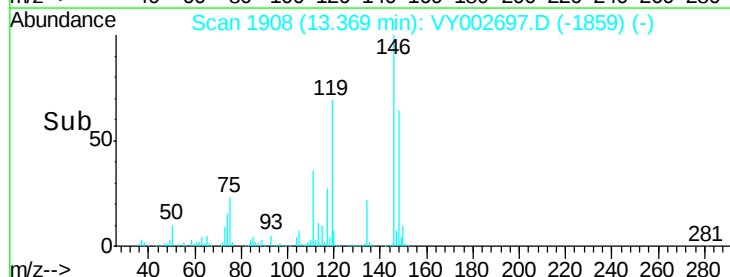
600000

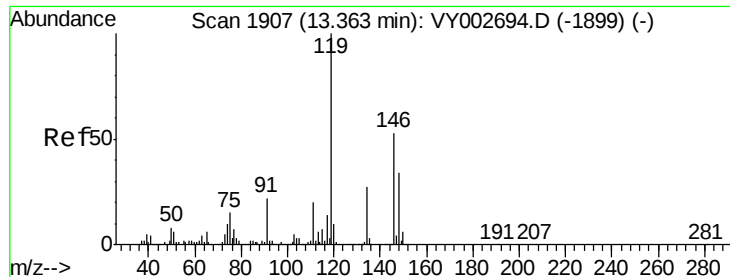
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 51.354 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

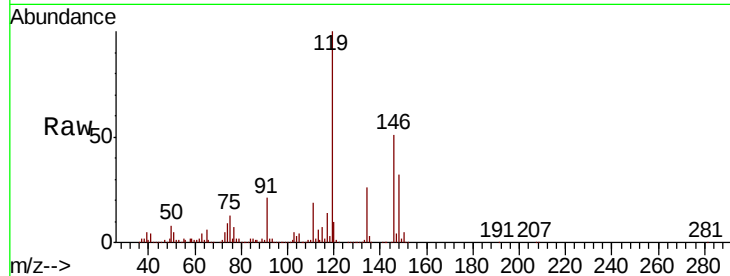
Tot Ion:146 Resp: 408832

Ion Ratio Lower Upper

146 100

111 37.0 18.5 55.5

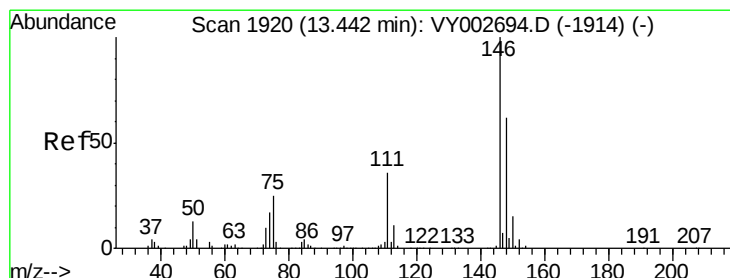
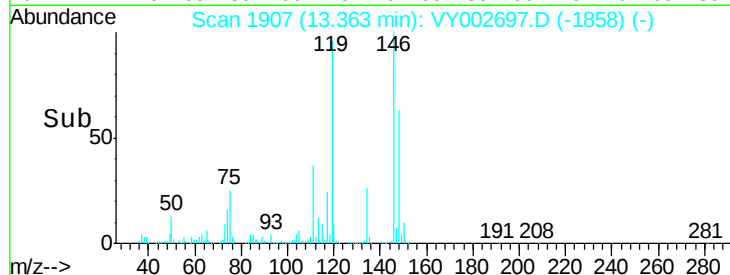
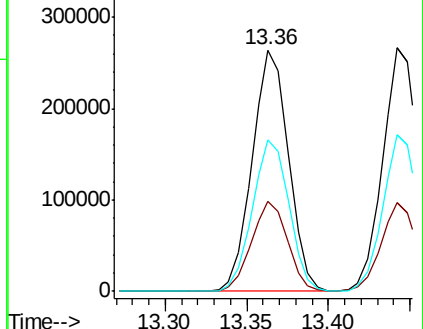
148 63.1 32.1 96.5



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: 51.338 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

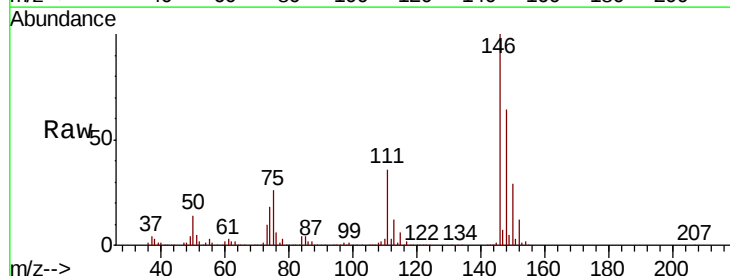
Tgt Ion:146 Resp: 406897

Ion Ratio Lower Upper

146 100

111 36.0 18.1 54.4

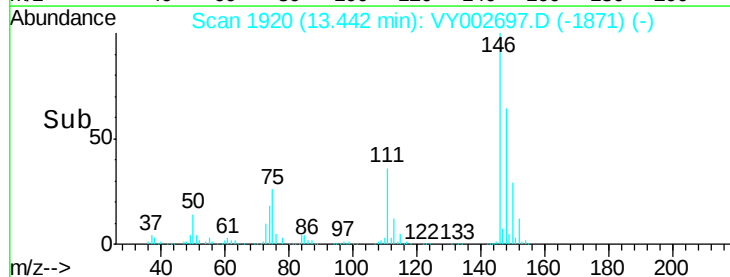
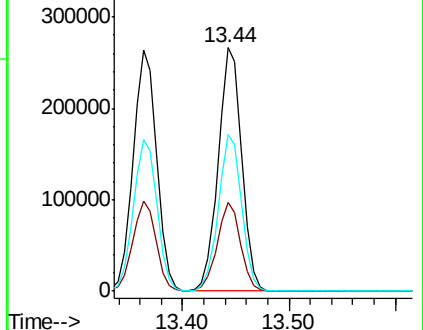
148 63.7 31.8 95.3

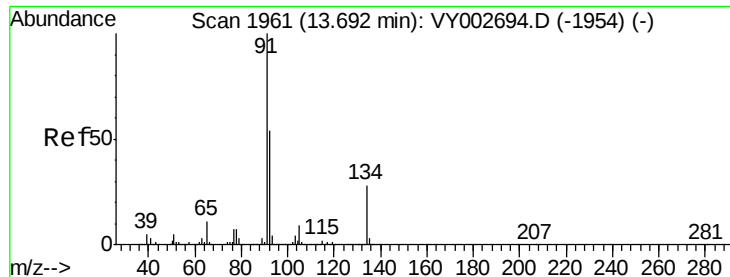


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

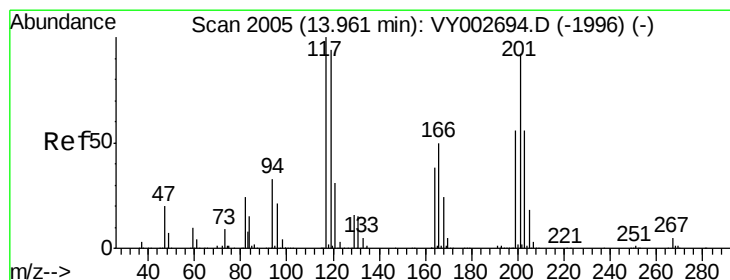
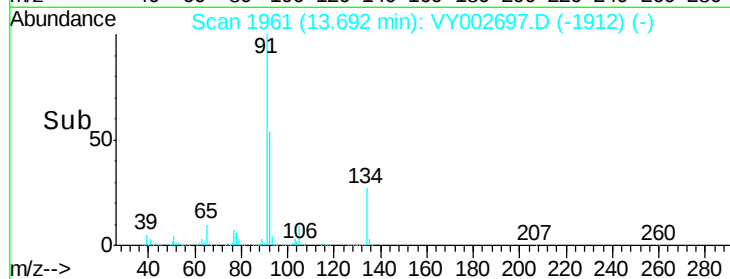
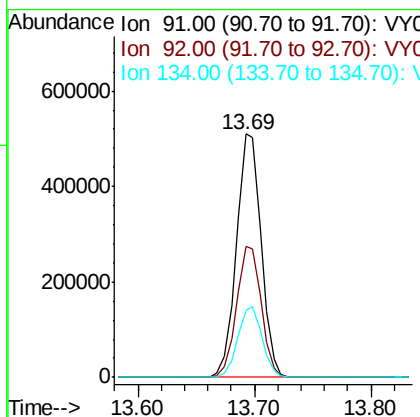
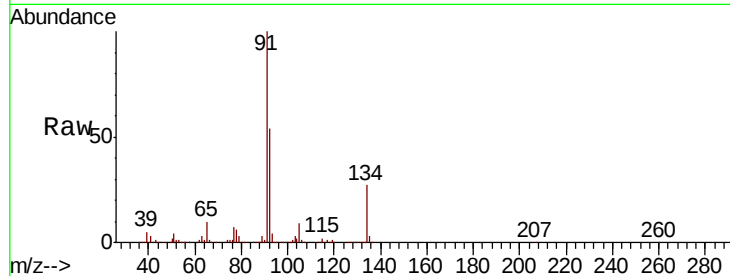




#89
n-Butylbenzene
Concen: 51.724 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

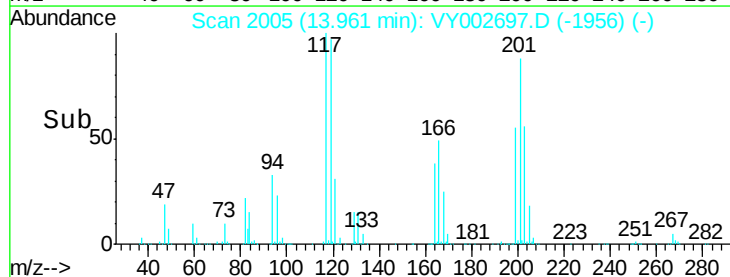
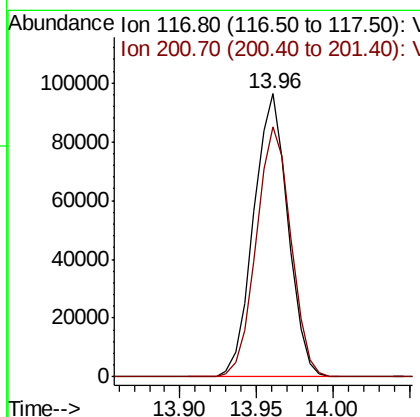
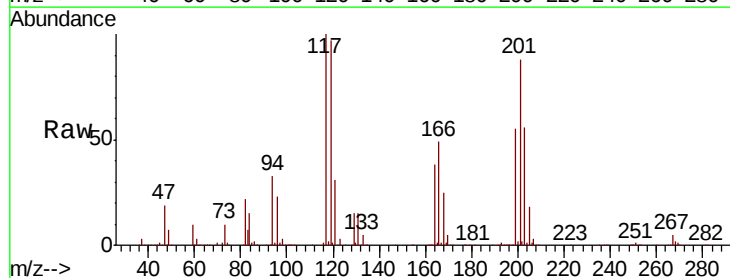
Instrument :
MSVOA_Y
ClientSampled :

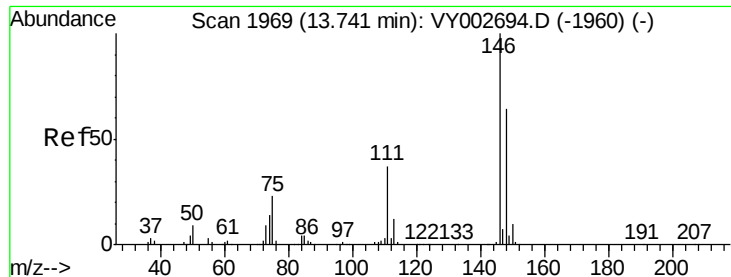
Tot Ion	91	Resp	753508
Ion Ratio	Lower	Upper	
91	100		
92	53.8	26.8	80.4
134	28.7	14.5	43.5



#90
Hexachloroethane
Concen: 51.272 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	117	Resp	150645
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
201	89.0	44.9	134.7





#91

1,2-Dichlorobenzene

Concen: 51.680 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

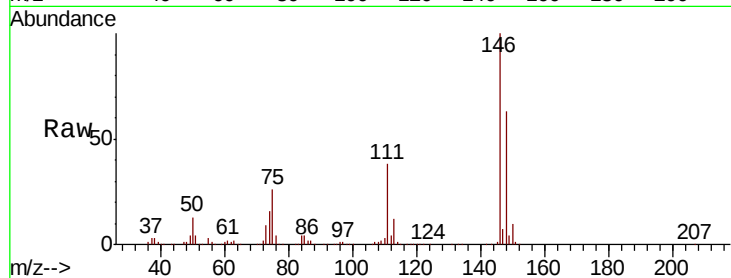
Tot Ion:146 Resp: 368988

Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.1

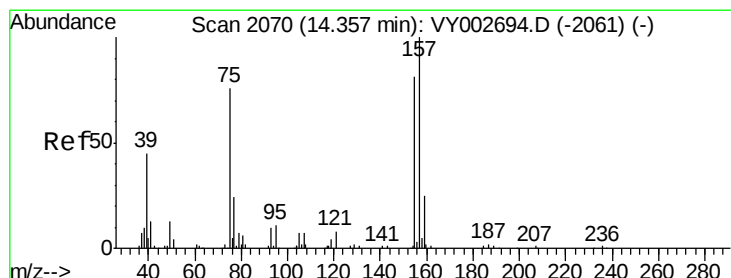
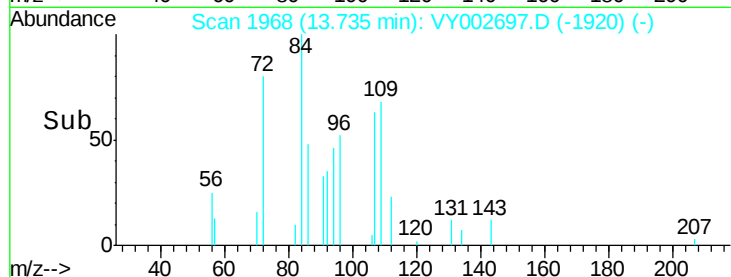
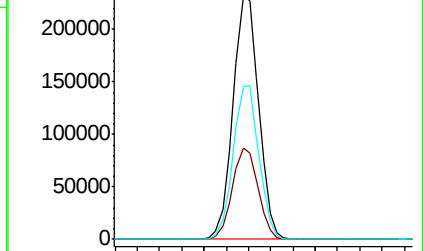
148 63.3 31.9 95.7



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: 54.414 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

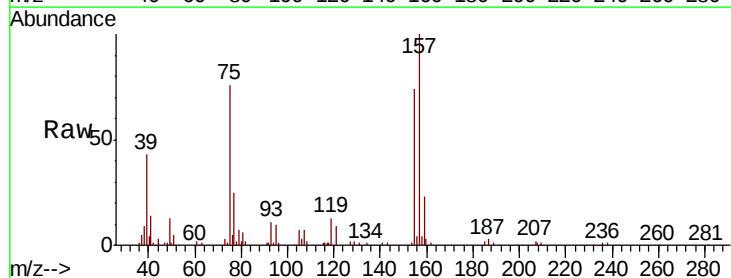
Tgt Ion: 75 Resp: 25378

Ion Ratio Lower Upper

75 100

155 103.2 53.5 160.7

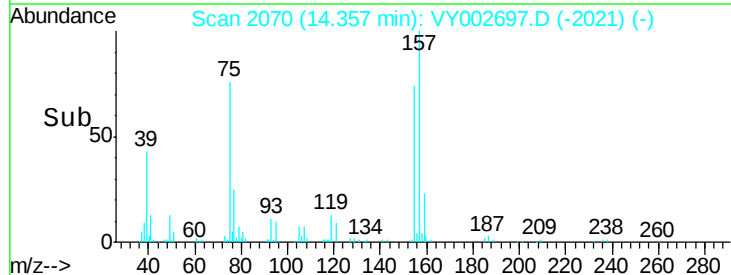
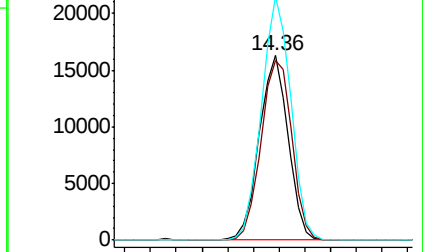
157 133.0 67.9 203.7

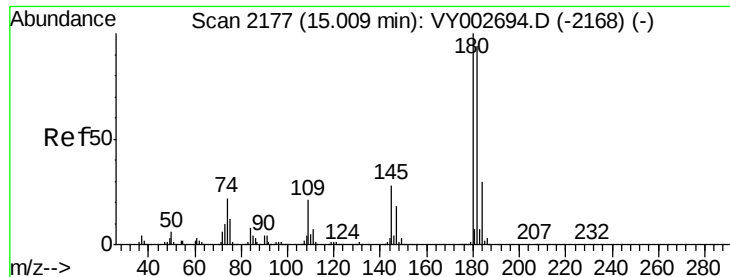


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

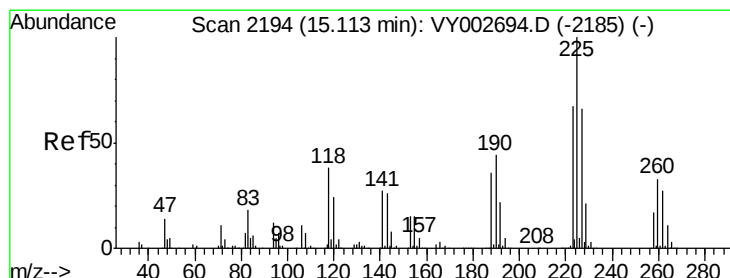
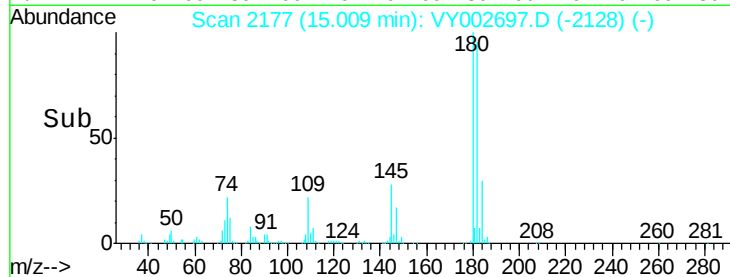
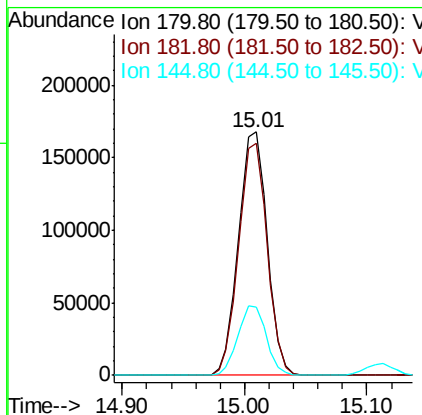
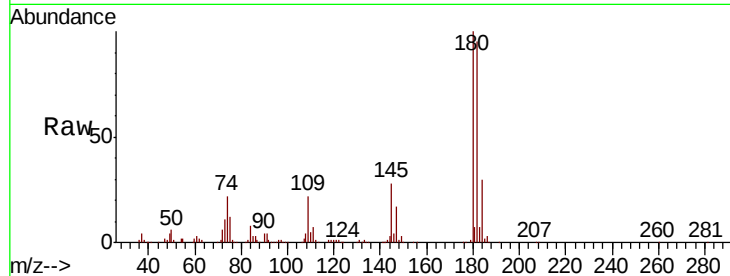




#93
 1,2,4-Trichlorobenzene
 Concen: 49.383 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

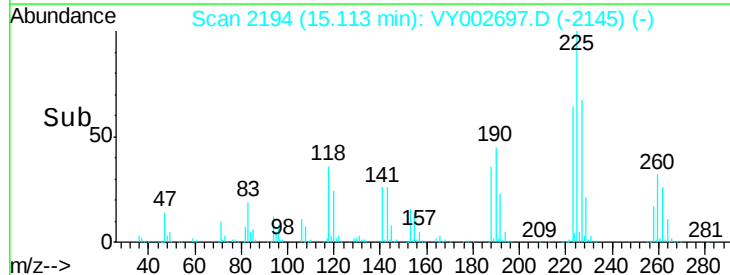
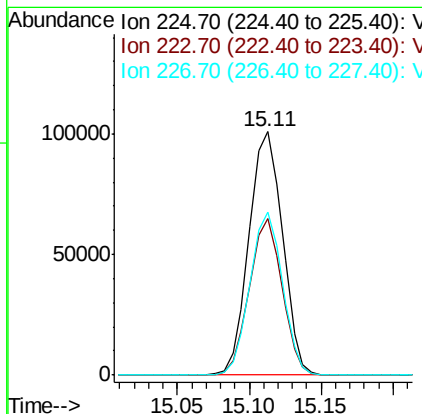
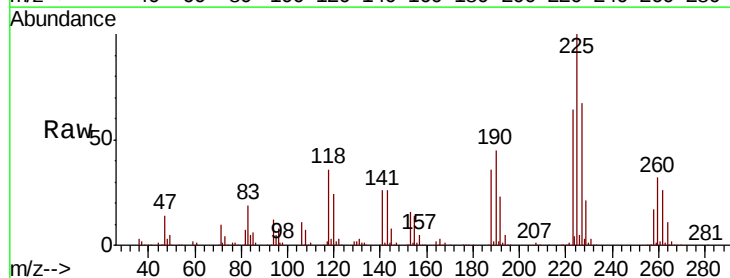
Instrument :
 MSVOA_Y
 ClientSampleId :

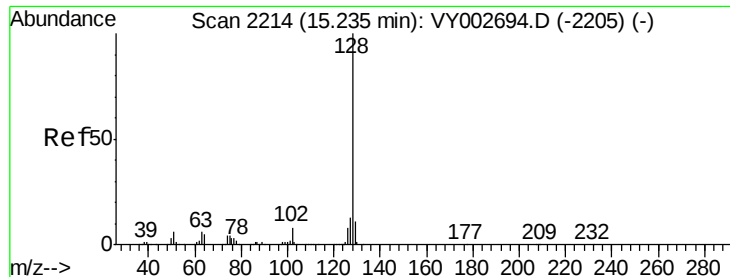
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	142.0
145	28.4	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 48.556 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.6	94.8
227	65.2	32.2	96.6

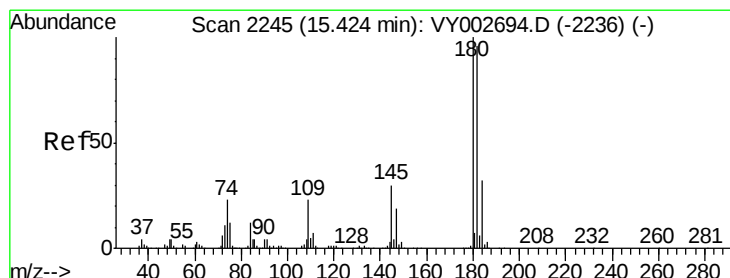
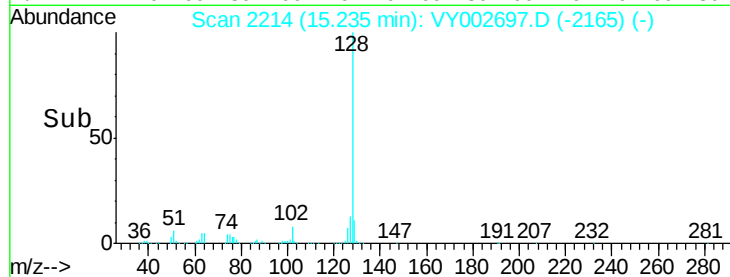
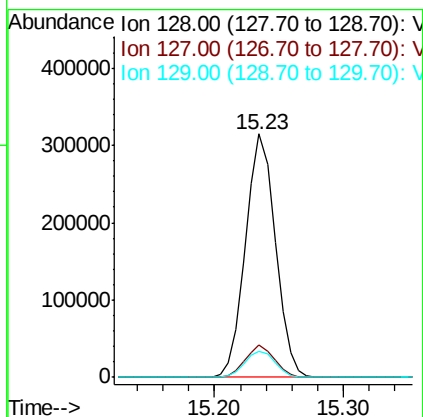
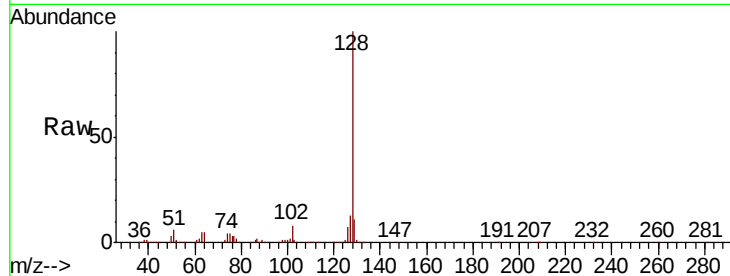




#95
Naphthalene
Concen: 51.346 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 504890
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.233 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion:180 Resp: 232205
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 30.0 15.1 45.3

