

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002606.D
 Acq On : 06 May 2020 11:42
 Operator : SY/MD
 Sample : L2182-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 12:57:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	380155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	566247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	509580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	266622	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	157526	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	7.74	113	165023	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	10.19	98	657451	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.49	95	223058	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	7283	2.523	ug/l	98
3) Chloromethane	2.13	50	8978	2.915	ug/l	90
4) Vinyl Chloride	2.26	62	9524	2.678	ug/l	98
5) Bromomethane	2.66	94	7633	3.112	ug/l	89
6) Chloroethane	2.82	64	5825	2.743	ug/l	94
7) Trichlorofluoromethane	3.15	101	14723	2.671	ug/l	97
8) Diethyl Ether	3.55	74	5156	2.784	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	9340	2.773	ug/l	97
10) Methyl Iodide	4.13	142	10772	2.347	ug/l	98
11) Tert butyl alcohol	4.99	59	5315	16.162	ug/l #	90
12) 1,1-Dichloroethene	3.90	96	9689	2.961	ug/l	88
13) Acrolein	3.75	56	2487	10.936	ug/l	97
14) Allyl chloride	4.52	41	13138	2.755	ug/l	99
15) Acrylonitrile	5.21	53	11562	13.236	ug/l	98
16) Acetone	3.97	43	8777	13.305	ug/l	93
17) Carbon Disulfide	4.22	76	26119	2.653	ug/l	97
18) Methyl Acetate	4.50	43	6763	3.068	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	22117	2.590	ug/l	96
20) Methylene Chloride	4.75	84	13219	3.583	ug/l	93
21) trans-1,2-Dichloroethene	5.26	96	9967	2.787	ug/l	86
22) Diisopropyl ether	6.16	45	26321	2.728	ug/l	94
23) Vinyl Acetate	6.10	43	73868	12.174	ug/l	96
24) 1,1-Dichloroethane	6.05	63	15913	2.788	ug/l #	95
25) 2-Butanone	7.02	43	14624	13.543	ug/l	96
26) 2,2-Dichloropropane	7.00	77	15650	2.885	ug/l	97
27) cis-1,2-Dichloroethene	7.02	96	10957	2.768	ug/l	94
28) Bromochloromethane	7.36	49	6053	2.588	ug/l	100
29) Tetrahydrofuran	7.38	42	10011	14.012	ug/l	96
30) Chloroform	7.53	83	16647	2.805	ug/l	98
31) Cyclohexane	7.80	56	20640	3.593	ug/l #	63
32) 1,1,1-Trichloroethane	7.72	97	14637	2.654	ug/l	98
36) 1,1-Dichloropropene	7.93	75	13331	2.808	ug/l	98
37) Ethyl Acetate	7.10	43	6627	2.717	ug/l	97
38) Carbon Tetrachloride	7.92	117	13907	2.683	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	17671	2.818	ug/l	95
40) Benzene	8.18	78	38220	2.788	ug/l	94
41) Methacrylonitrile	7.38	41	8840	6.740	ug/l #	25
42) 1,2-Dichloroethane	8.26	62	10403	2.705	ug/l	98
43) Isopropyl Acetate	8.29	43	11444	2.502	ug/l #	84
44) Trichloroethene	8.96	130	12224	2.853	ug/l	97
45) 1,2-Dichloropropane	9.23	63	9216	2.785	ug/l	98
46) Dibromomethane	9.32	93	4992	2.622	ug/l	98
47) Bromodichloromethane	9.51	83	12322	2.662	ug/l	93
48) Methyl methacrylate	9.31	41	5295	2.558	ug/l	95
49) 1,4-Dioxane	9.31	88	1502	59.587	ug/l #	94
51) 4-Methyl-2-Pentanone	10.08	43	30628	12.994	ug/l	99
52) Toluene	10.25	92	24159	2.742	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	12215	2.518	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	14690	2.620	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	7434	2.678	ug/l	93
56) Ethyl methacrylate	10.52	69	9330	2.526	ug/l	99
57) 1,3-Dichloropropane	10.80	76	12712	2.700	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	24867	12.768	ug/l	98
59) 2-Hexanone	10.84	43	20894	12.879	ug/l	99
60) Dibromochloromethane	10.99	129	8848	2.506	ug/l	98
61) 1,2-Dibromoethane	11.10	107	6970	2.536	ug/l	100
64) Tetrachloroethene	10.72	164	13962	3.084	ug/l	92
65) Chlorobenzene	11.52	112	27173	2.805	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	9121	2.537	ug/l	94
67) Ethyl Benzene	11.60	91	46668	2.743	ug/l	96
68) m/p-Xylenes	11.71	106	35857	5.446	ug/l	100
69) o-Xylene	12.03	106	16905	2.742	ug/l	97
70) Styrene	12.05	104	27760	2.634	ug/l	99
71) Bromoform	12.22	173	5830	2.612	ug/l #	96
73) Isopropylbenzene	12.34	105	46449	2.688	ug/l	98
74) N-amyl acetate	12.15	43	10763	2.589	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	6778	2.466	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	11109	4.689	ug/l #	100
77) Bromobenzene	12.61	156	12043	2.790	ug/l	98
78) n-propylbenzene	12.68	91	54493	2.717	ug/l	100
79) 2-Chlorotoluene	12.77	91	30384	2.735	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	38618	2.696	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.49	75	108175	91.548	ug/l #	15
82) 4-Chlorotoluene	12.86	91	32008	2.743	ug/l	99
83) tert-Butylbenzene	13.08	119	33863	2.696	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	39266	2.751	ug/l	97
85) sec-Butylbenzene	13.26	105	47933	2.750	ug/l	98
86) p-Isopropyltoluene	13.38	119	44245	2.710	ug/l	98
87) 1,3-Dichlorobenzene	13.38	146	22639	2.771	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	23560	2.912	ug/l	89
89) n-Butylbenzene	13.70	91	41341	2.781	ug/l	99
90) Hexachloroethane	13.97	117	8166	2.746	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	20826	2.856	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	1591	3.106	ug/l	92

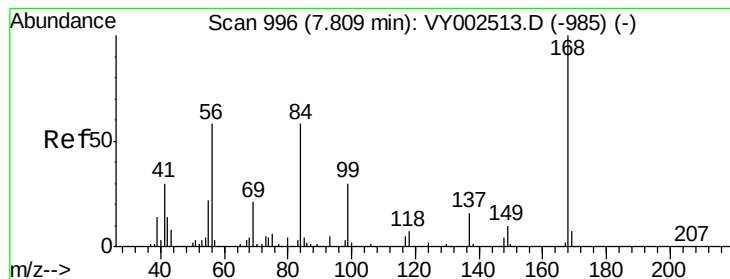
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QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	16936	3.199	ug/l	98
94) Hexachlorobutadiene	15.12	225	9381	2.952	ug/l	97
95) Naphthalene	15.25	128	31716	3.284	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	15537	3.458	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

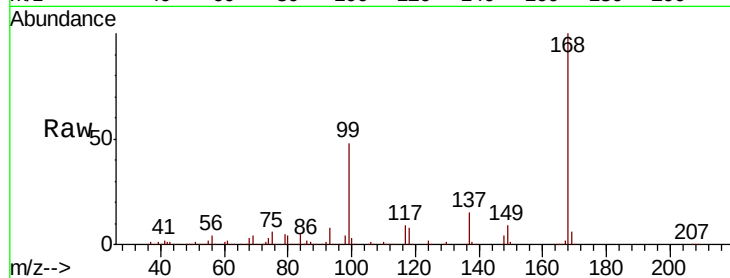
ClientSampleId :

Tot Ion:168 Resp: 380155

Ion Ratio Lower Upper

168 100

99 48.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002606.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002606.D (-947) (-)

7.82

150000

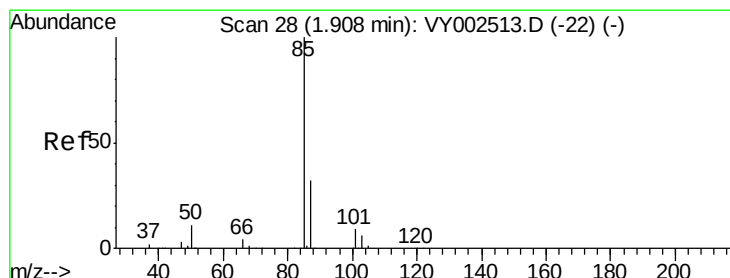
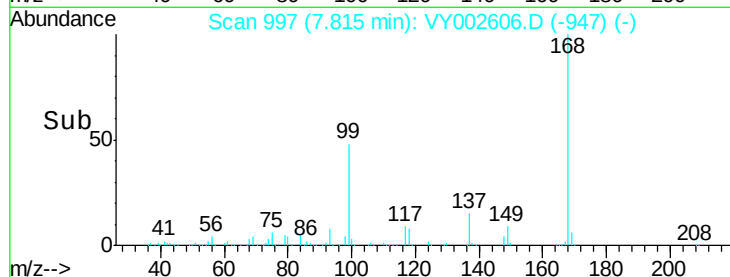
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 2.523 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002606.D

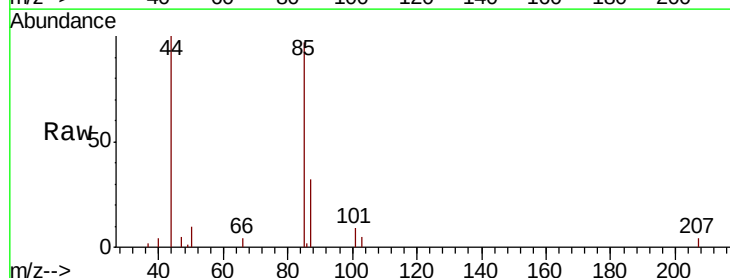
Acq: 06 May 2020 11:42

Tgt Ion: 85 Resp: 7283

Ion Ratio Lower Upper

85 100

87 32.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002606.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002606.D (-1) (-)

1.91

6000

5000

4000

3000

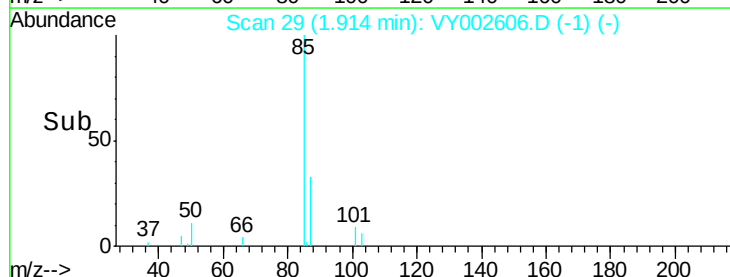
2000

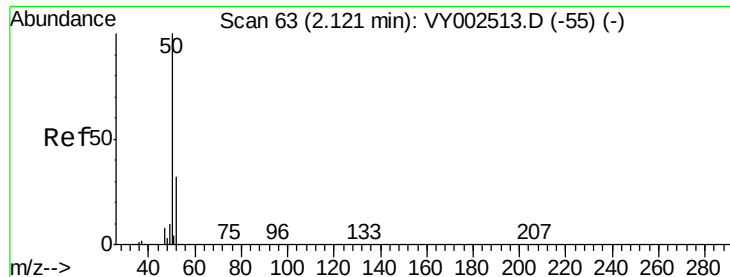
1000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 2.915 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

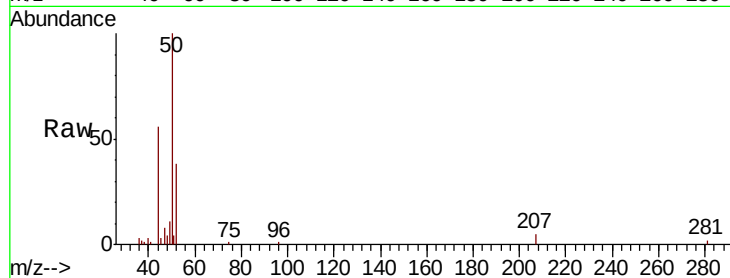
ClientSampleId :

Tot Ion: 50 Resp: 8978

Ion Ratio Lower Upper

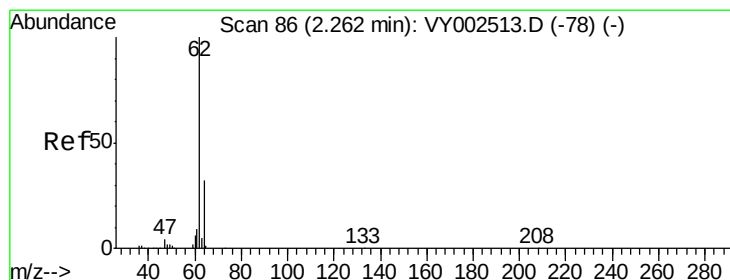
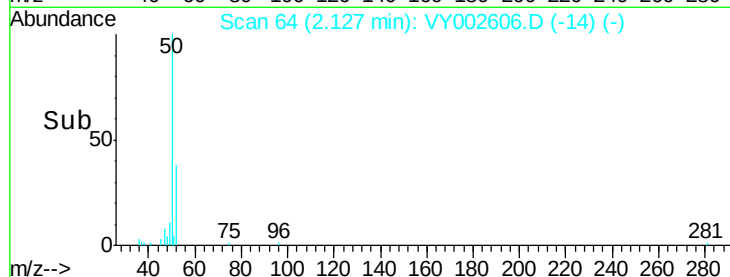
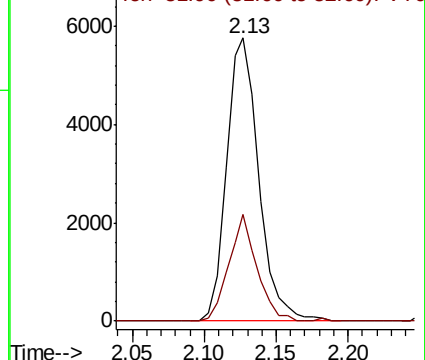
50 100

52 37.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 2.678 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002606.D

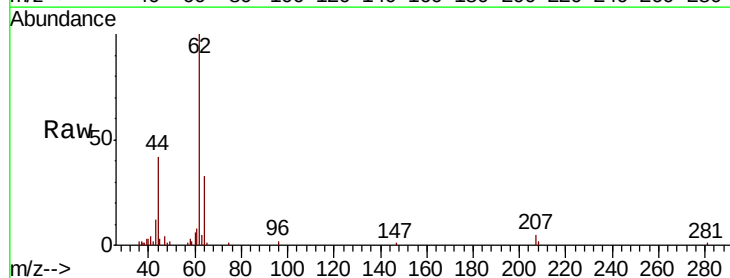
Acq: 06 May 2020 11:42

Tgt Ion: 62 Resp: 9524

Ion Ratio Lower Upper

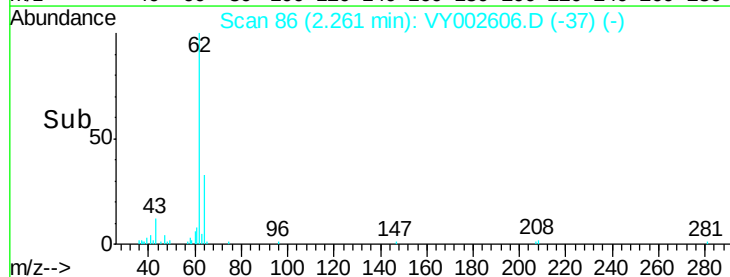
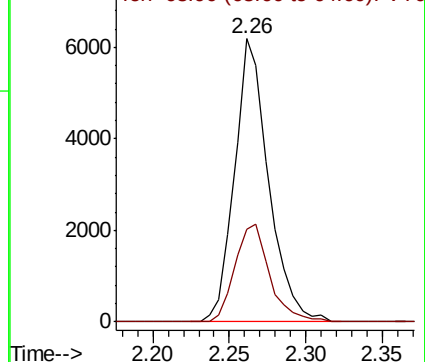
62 100

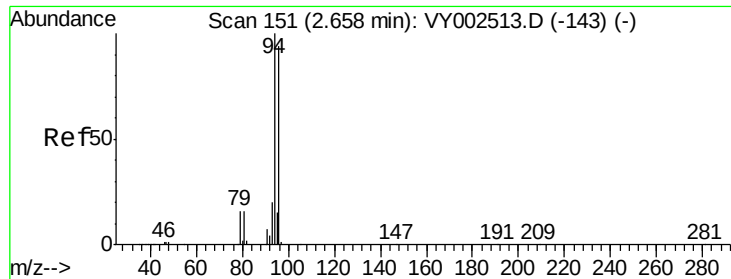
64 32.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 3.112 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

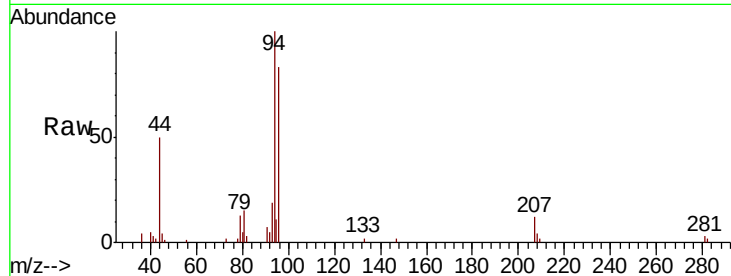
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 7633

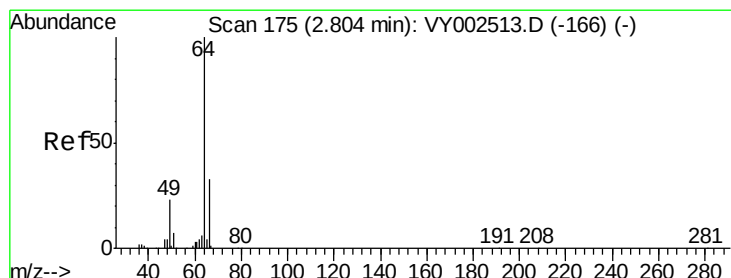
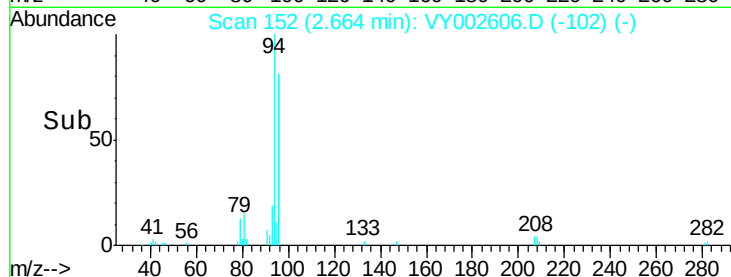
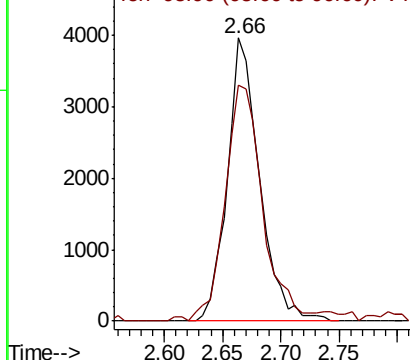
Ion Ratio Lower Upper

94 100

96 83.4 74.9 112.3



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



#6

Chloroethane

Concen: 2.743 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002606.D

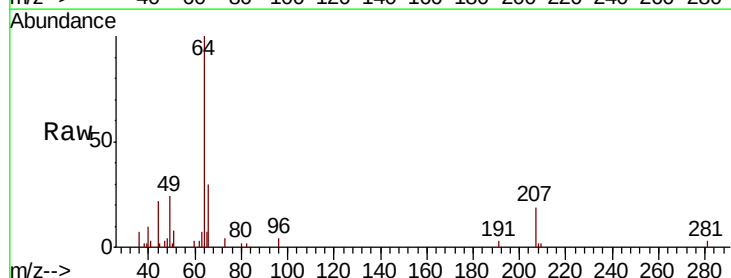
Acq: 06 May 2020 11:42

Tgt Ion: 64 Resp: 5825

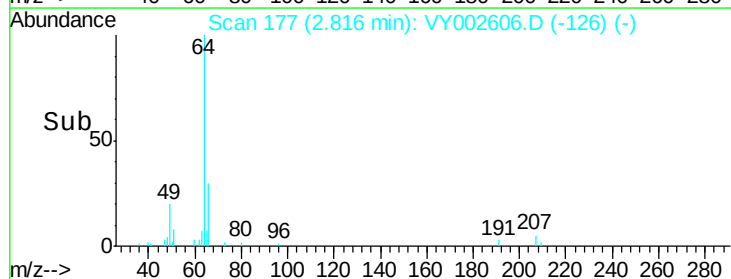
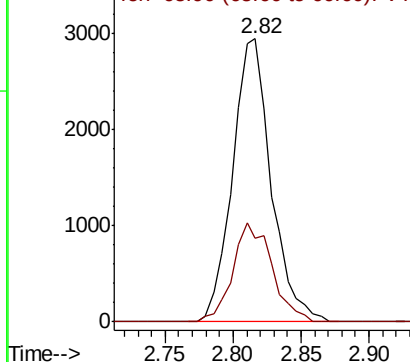
Ion Ratio Lower Upper

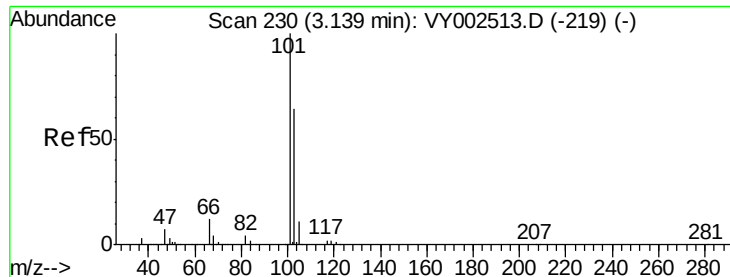
64 100

66 29.7 26.3 39.5



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



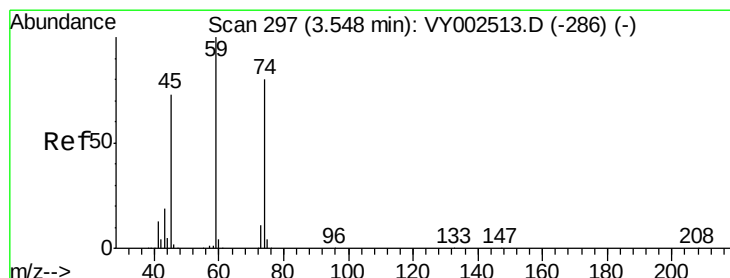
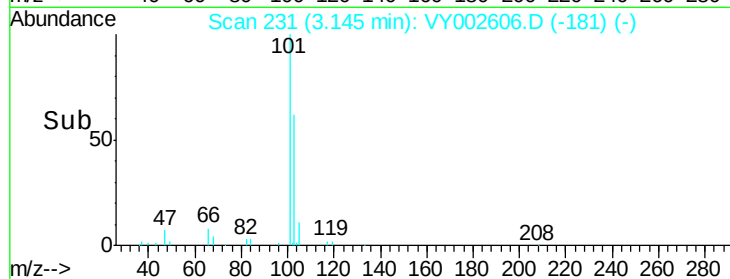
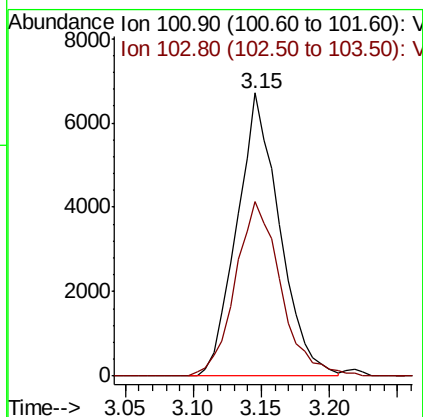
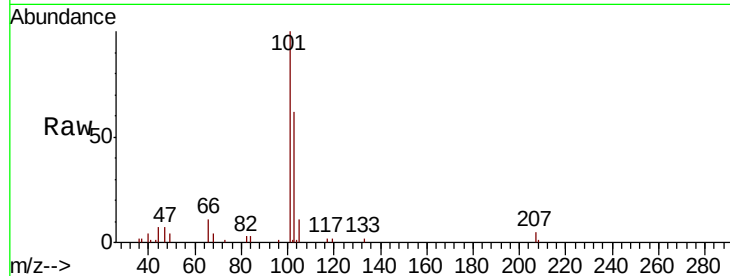


#7

Trichlorofluoromethane
Concen: 2.671 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Instrument :
MSVOA_Y
ClientSampleId :

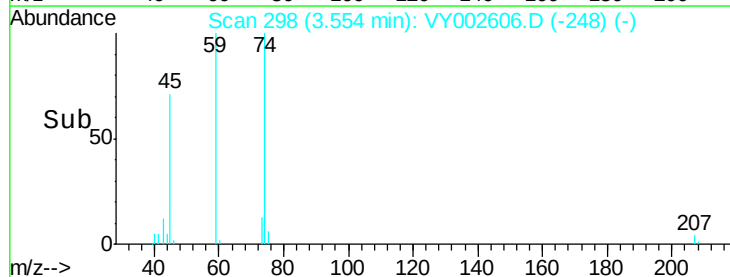
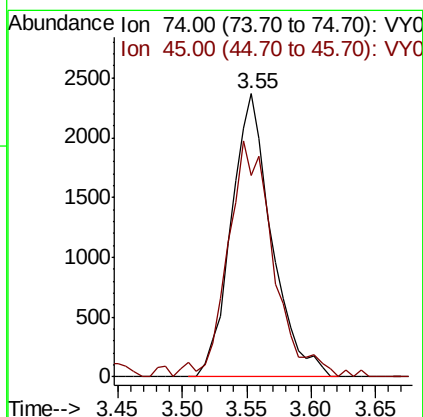
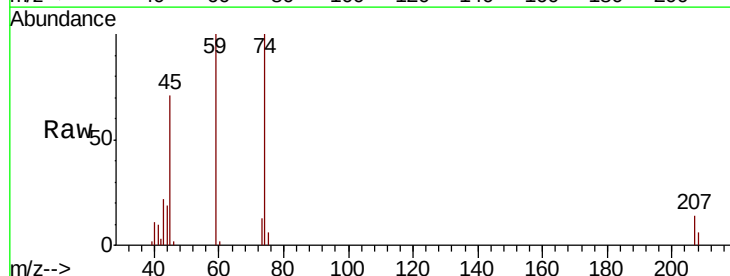
Tot Ion:101 Resp: 14723
Ion Ratio Lower Upper
101 100
103 61.6 51.4 77.0

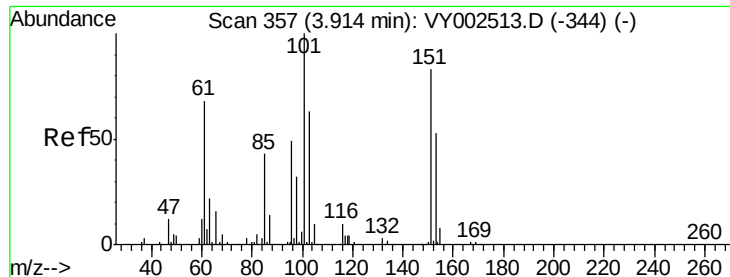


#8

Diethyl Ether
Concen: 2.784 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion: 74 Resp: 5156
Ion Ratio Lower Upper
74 100
45 93.3 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.773 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

ClientSampleId :

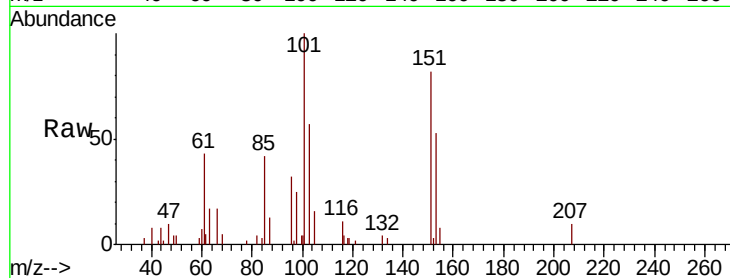
Tot Ion:101 Resp: 9340

Ion Ratio Lower Upper

101 100

85 41.5 33.4 50.2

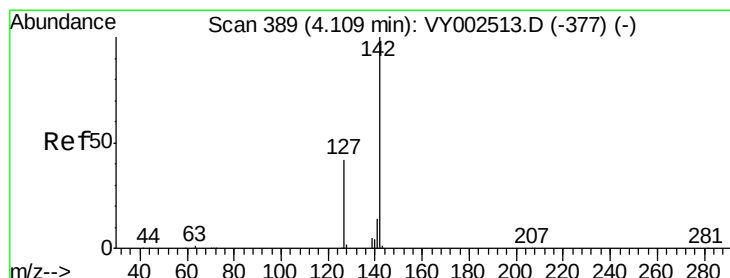
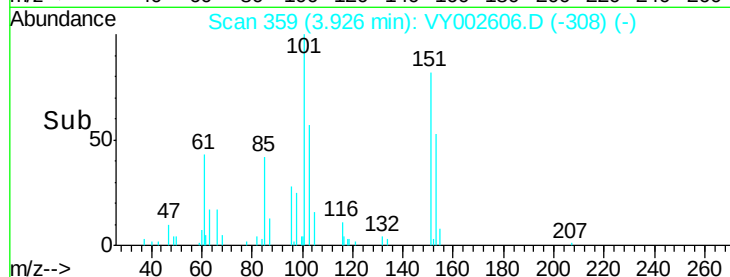
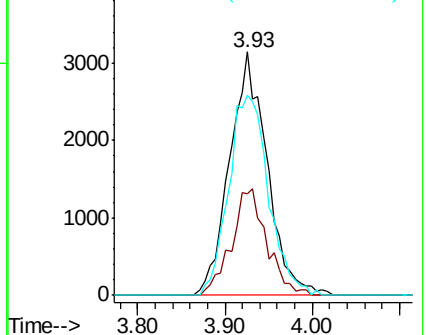
151 87.7 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.347 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.02 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

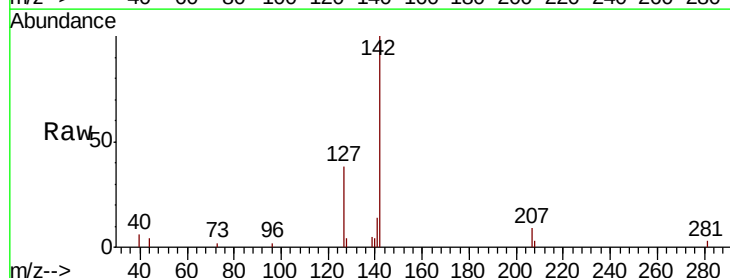
Tgt Ion:142 Resp: 10772

Ion Ratio Lower Upper

142 100

127 40.6 33.7 50.5

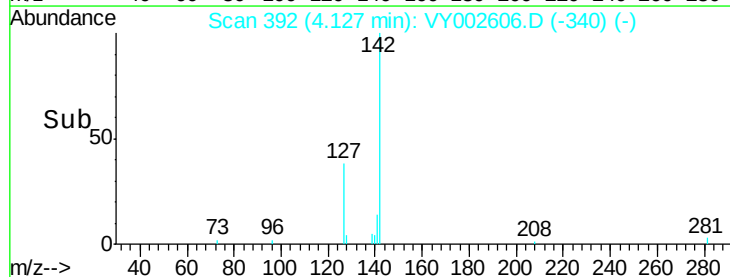
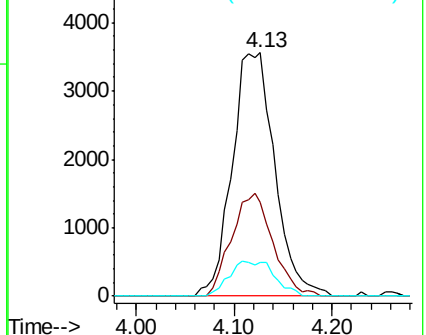
141 15.1 11.4 17.0

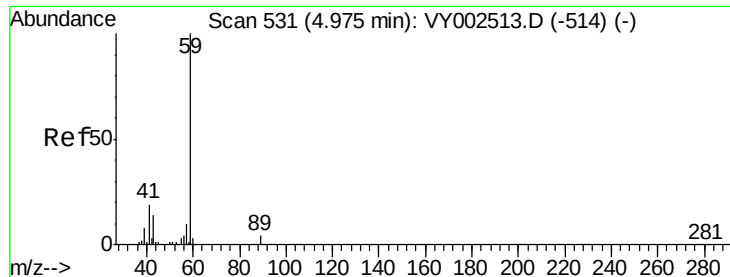


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

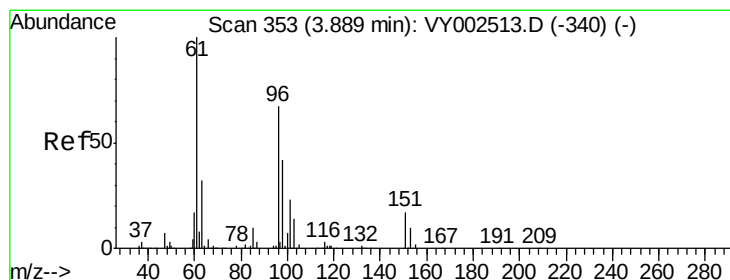
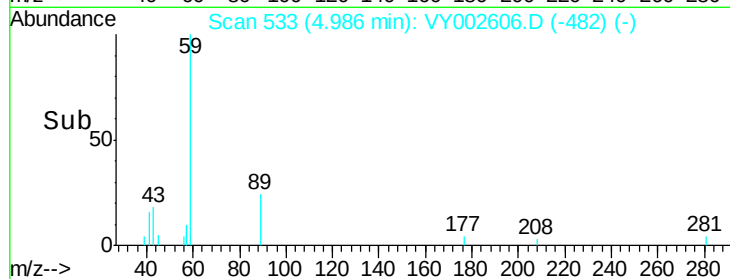
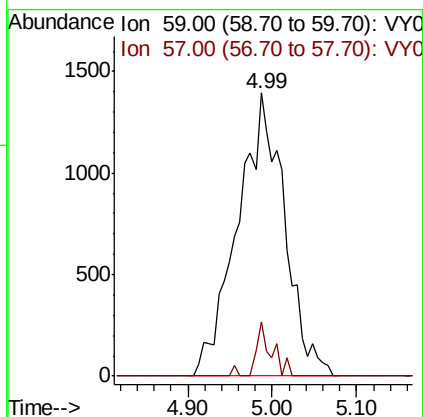
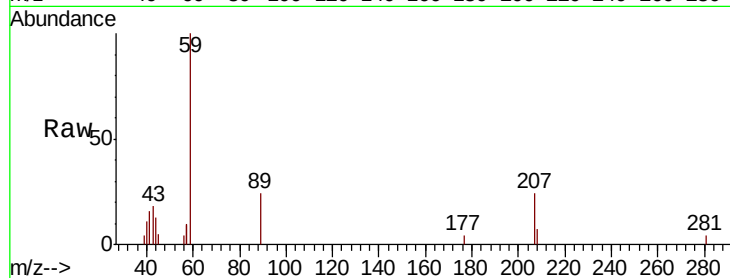




#11
Tert butyl alcohol
Concen: 16.162 ug/l
RT: 4.99 min Scan# 533
Delta R.T. 0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

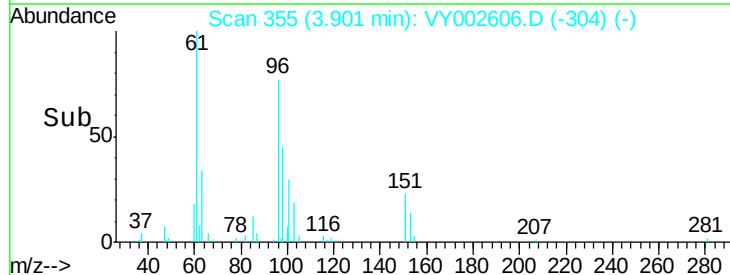
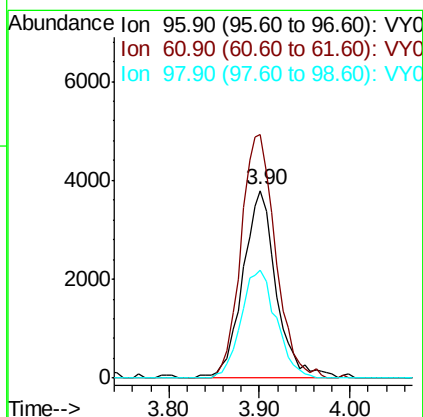
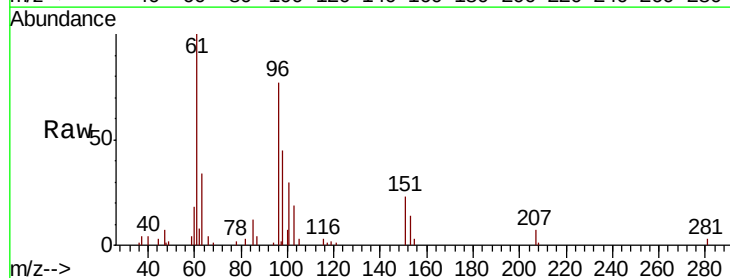
Instrument :
MSVOA_Y
ClientSampled :

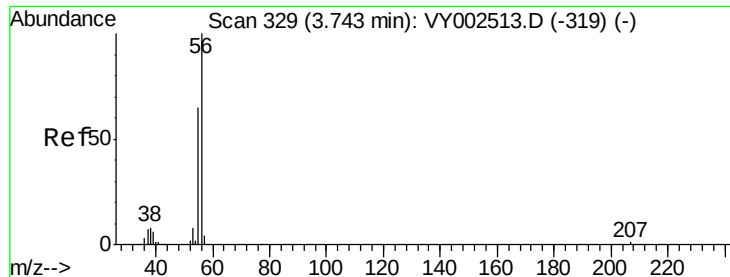
Tot Ion: 59 Resp: 5315
Ion Ratio Lower Upper
59 100
57 6.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 2.961 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion: 96 Resp: 9689
Ion Ratio Lower Upper
96 100
61 129.7 118.8 178.2
98 57.7 49.6 74.4





#13

Acrolein

Concen: 10.936 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

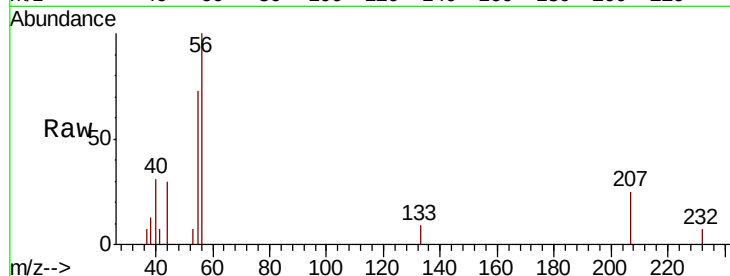
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 2487

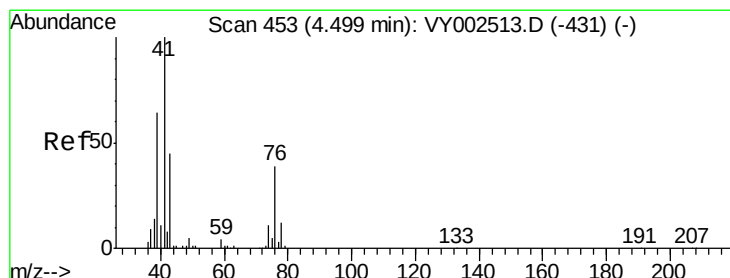
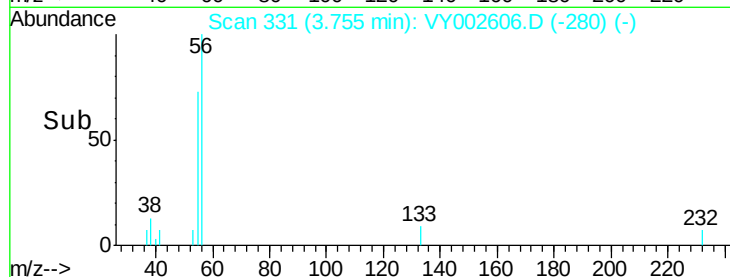
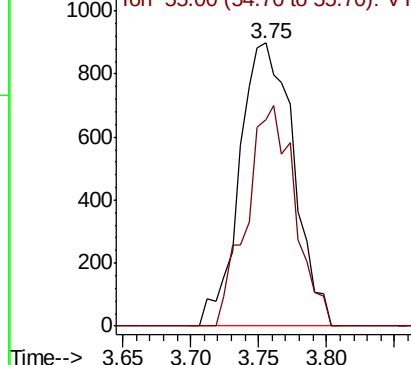
Ion Ratio Lower Upper

56 100

55 69.8 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 2.755 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.02 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

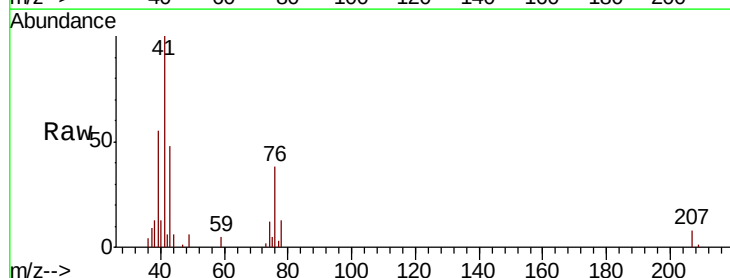
Tgt Ion: 41 Resp: 13138

Ion Ratio Lower Upper

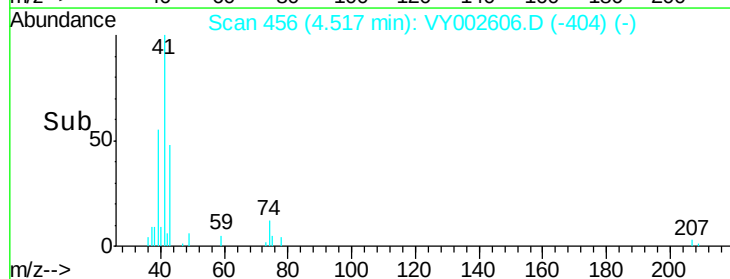
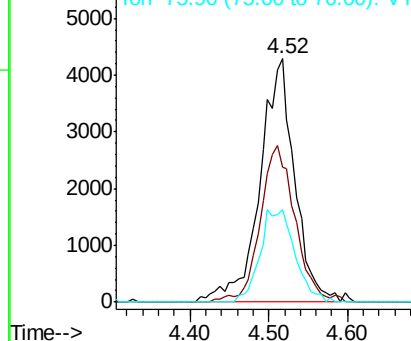
41 100

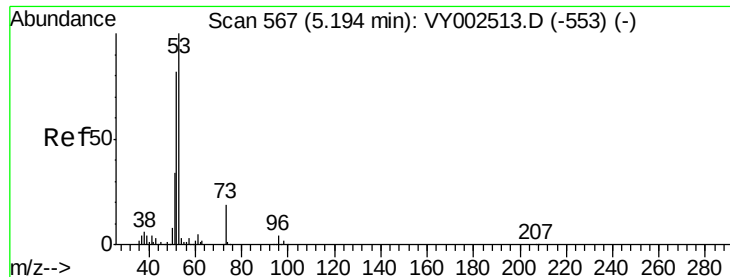
39 64.4 51.8 77.6

76 38.0 31.7 47.5



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





#15

Acrylonitrile

Concen: 13.236 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.01 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

ClientSampleId :

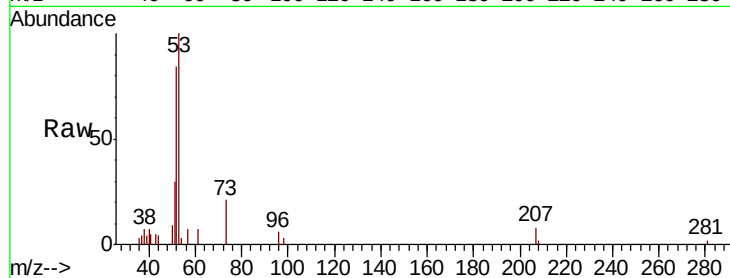
Tot Ion: 53 Resp: 11562

Ion Ratio Lower Upper

53 100

52 81.9 65.4 98.0

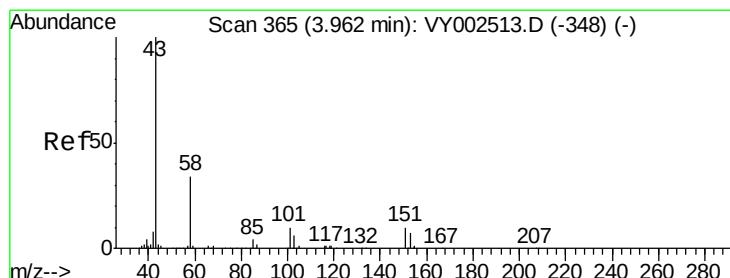
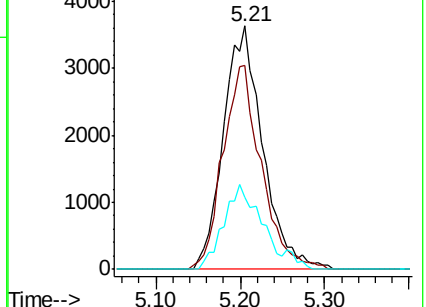
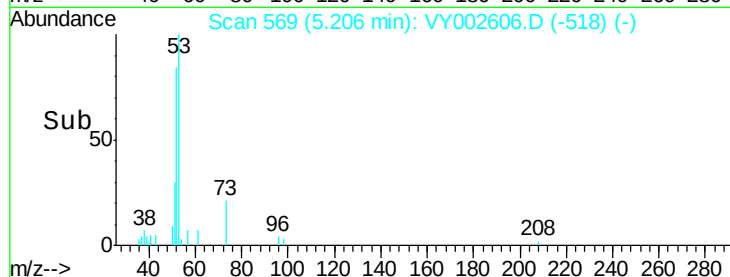
51 32.6 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY002606.D (-518) (-)

Ion 52.00 (51.70 to 52.70): VY002606.D (-518) (-)

Ion 51.00 (50.70 to 51.70): VY002606.D (-518) (-)



#16

Acetone

Concen: 13.305 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002606.D

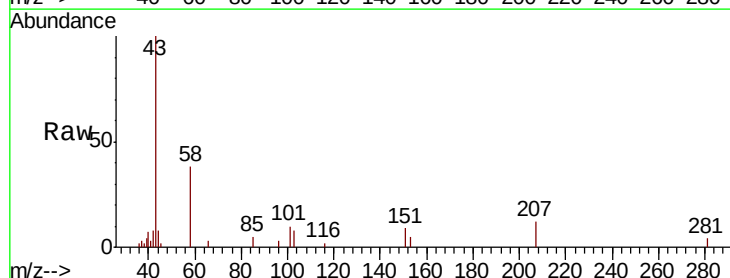
Acq: 06 May 2020 11:42

Tgt Ion: 43 Resp: 8777

Ion Ratio Lower Upper

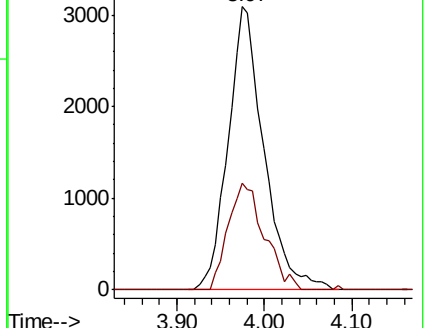
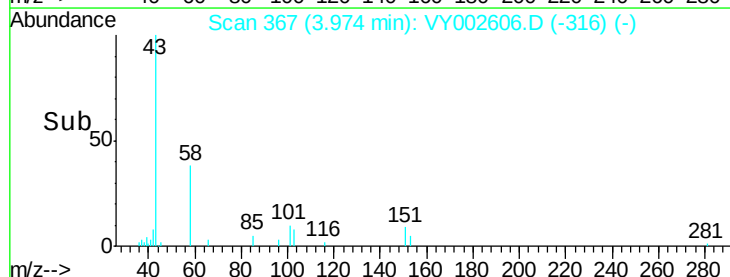
43 100

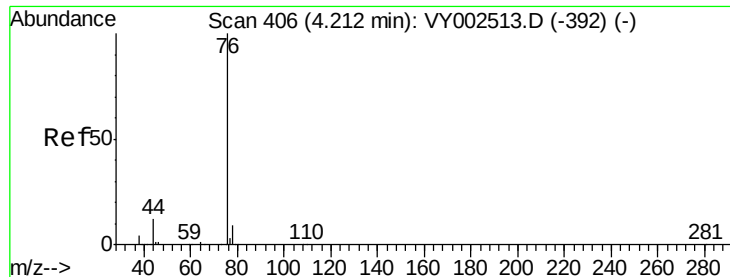
58 37.6 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002606.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002606.D (-316) (-)

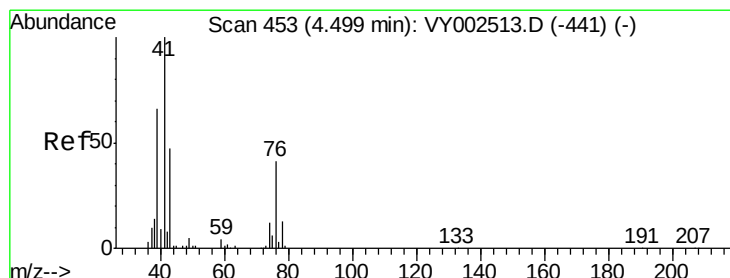
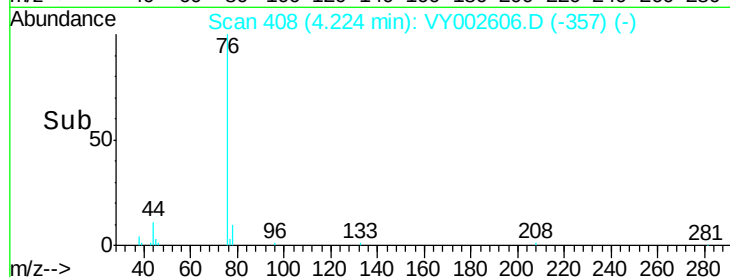
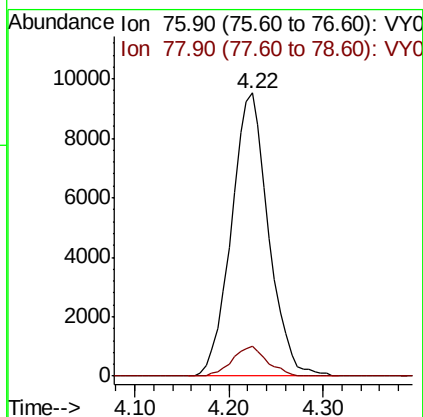
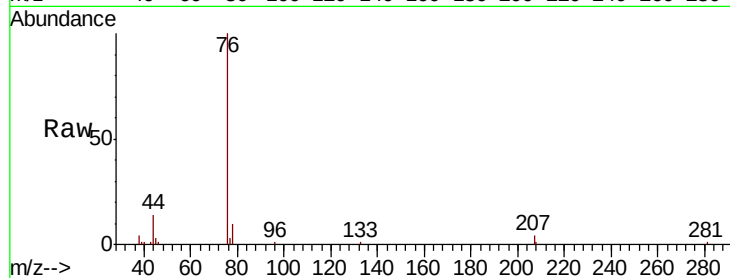




#17
Carbon Disulfide
Concen: 2.653 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

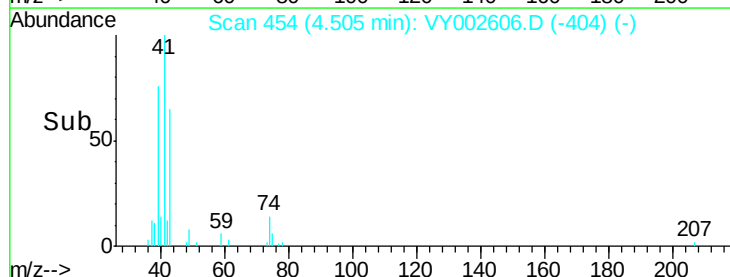
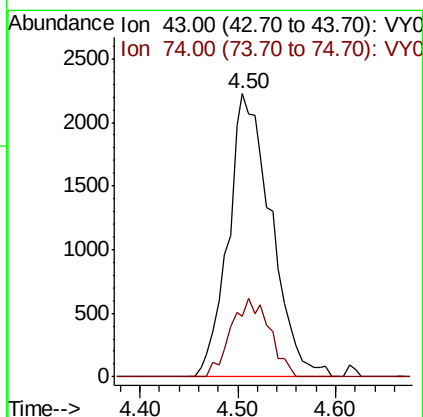
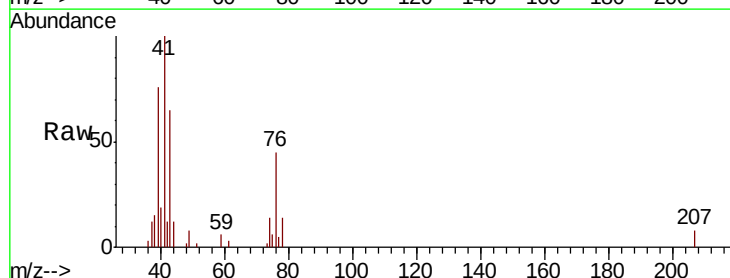
Instrument :
MSVOA_Y
ClientSampled :

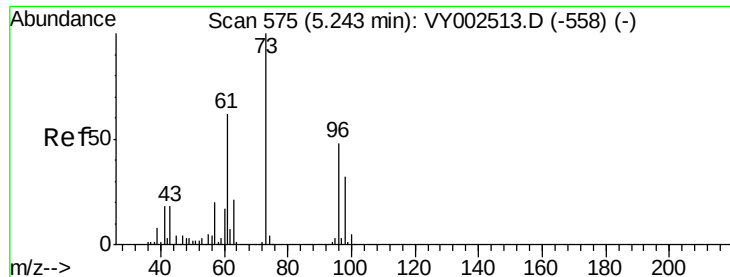
Tot Ion: 76 Resp: 26119
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.2



#18
Methyl Acetate
Concen: 3.068 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion: 43 Resp: 6763
Ion Ratio Lower Upper
43 100
74 24.9 21.2 31.8

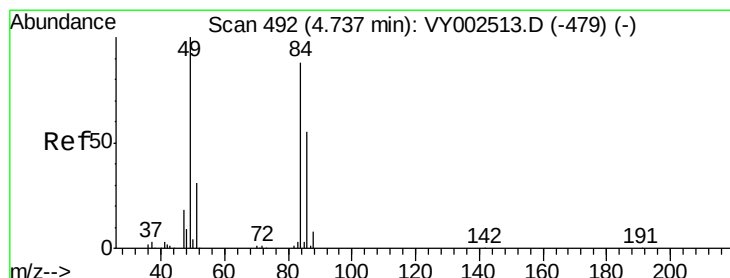
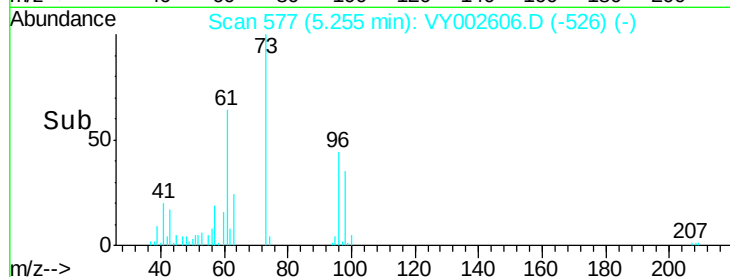
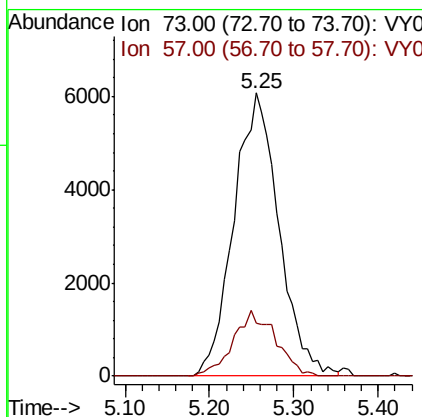
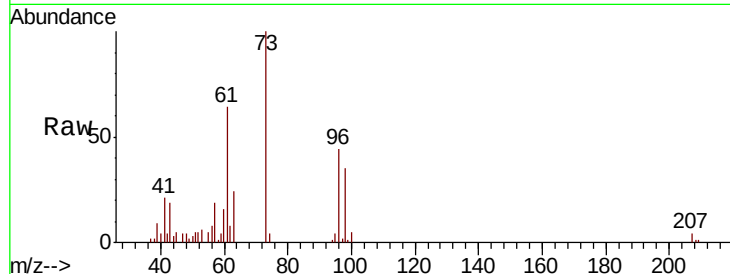




#19
Methyl tert-butyl Ether
Concen: 2.590 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

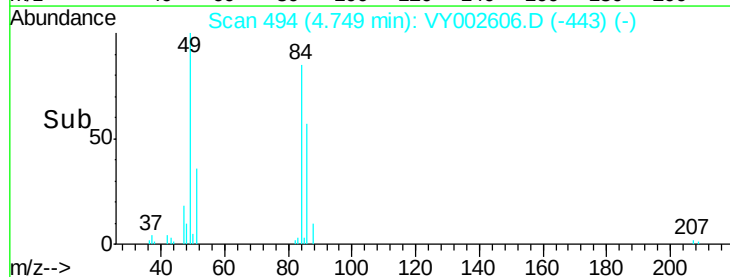
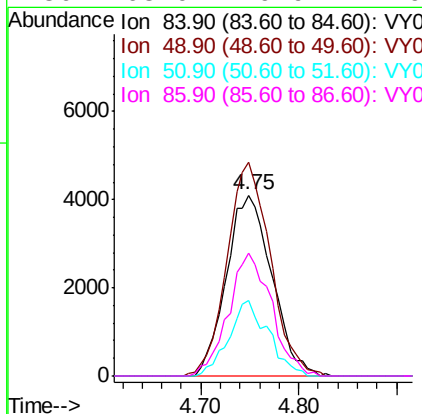
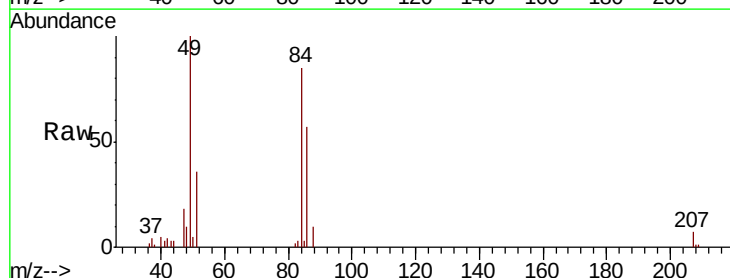
Instrument :
MSVOA_Y
ClientSampled :

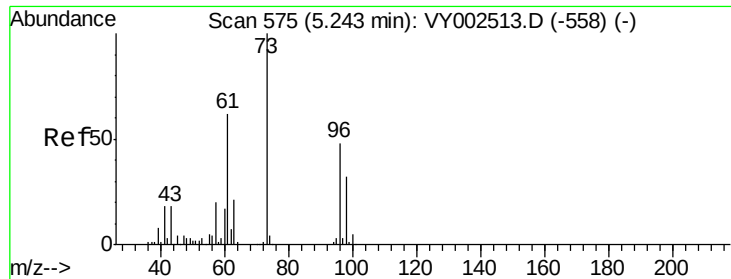
Tot Ion: 73 Resp: 22117
Ion Ratio Lower Upper
73 100
57 18.5 16.3 24.5



#20
Methylene Chloride
Concen: 3.583 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion: 84 Resp: 13219
Ion Ratio Lower Upper
84 100
49 118.3 90.5 135.7
51 42.1 28.3 42.5
86 68.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 2.787 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.02 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

ClientSampled :

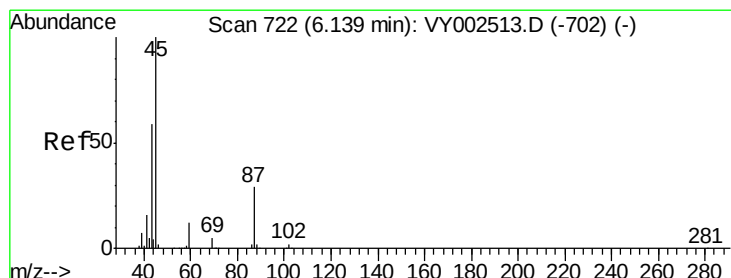
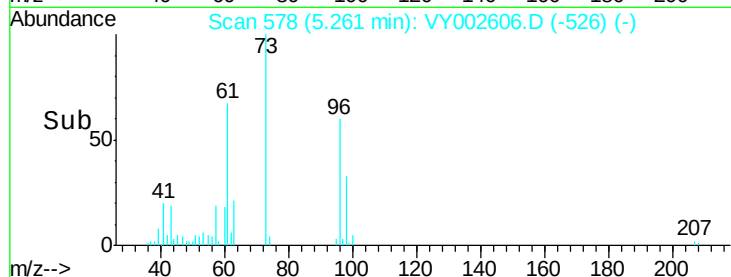
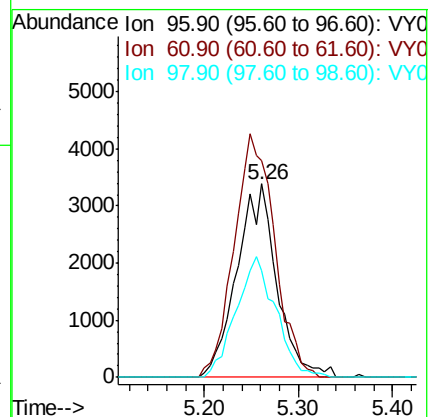
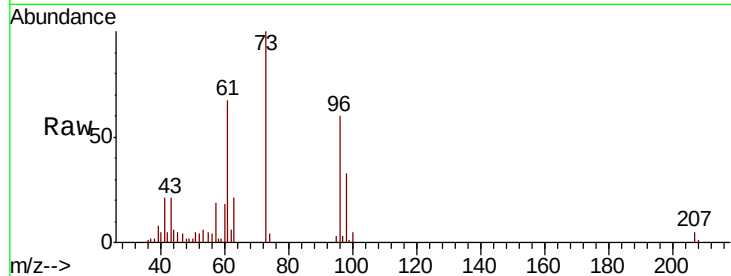
Tot Ion: 96 Resp: 9967

Ion Ratio Lower Upper

96 100

61 112.4 102.0 153.0

98 54.9 53.0 79.4



#22

Diisopropyl ether

Concen: 2.728 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.02 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Tgt Ion: 45 Resp: 26321

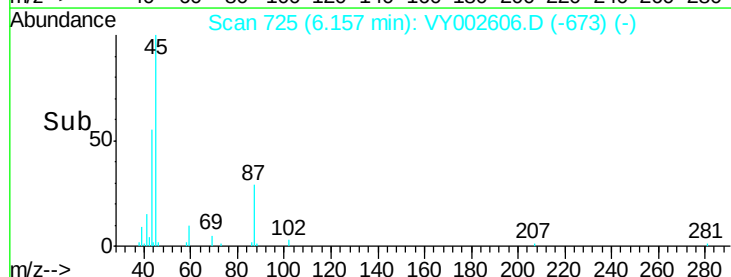
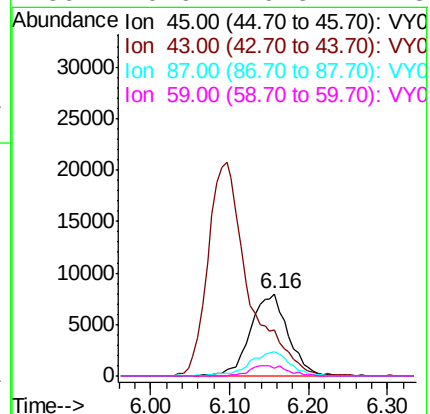
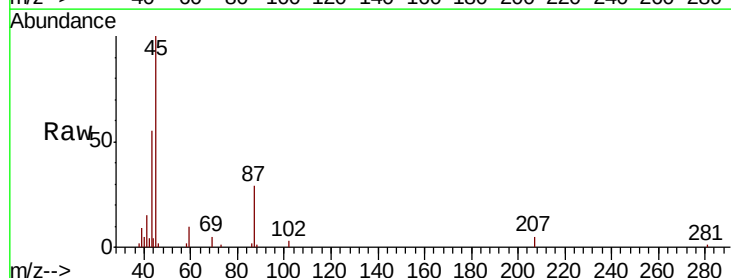
Ion Ratio Lower Upper

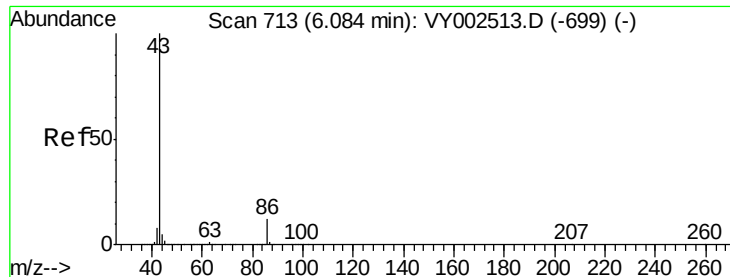
45 100

43 53.4 47.4 71.0

87 29.1 24.0 36.0

59 9.9 9.8 14.8





#23

Vinyl Acetate

Concen: 12.174 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

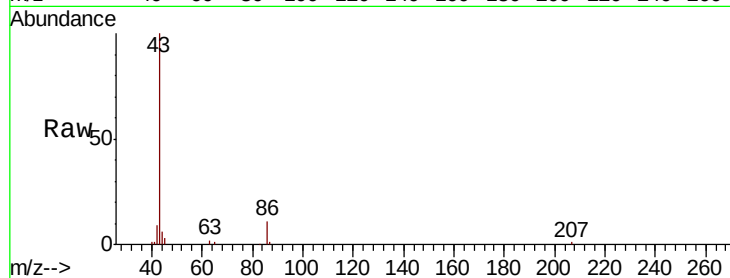
ClientSampleId :

Tot Ion: 43 Resp: 73868

Ion Ratio Lower Upper

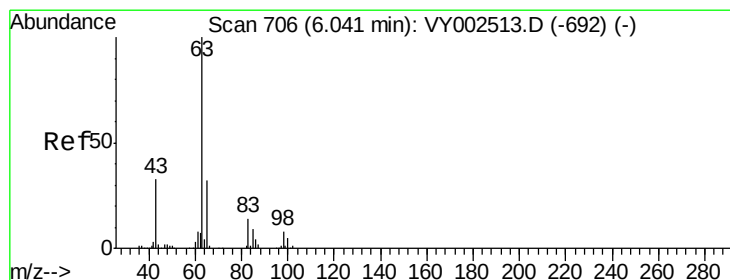
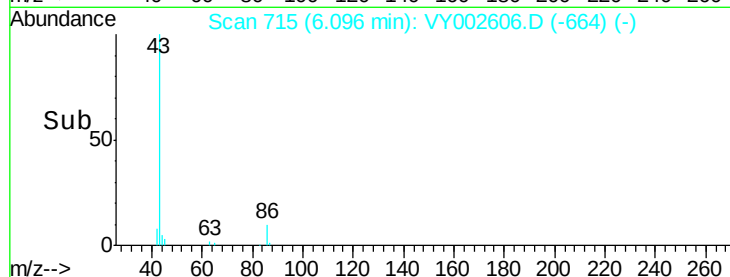
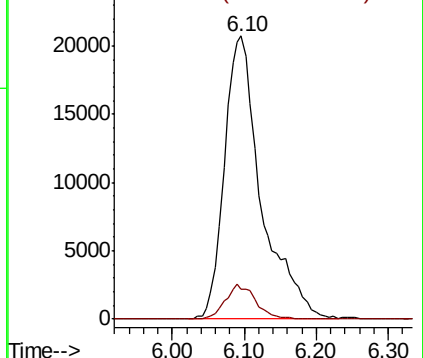
43 100

86 10.5 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 2.788 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

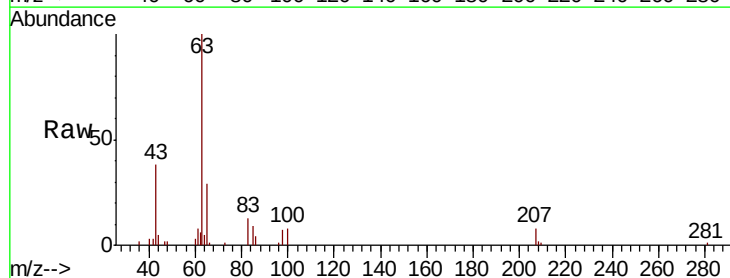
Tgt Ion: 63 Resp: 15913

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

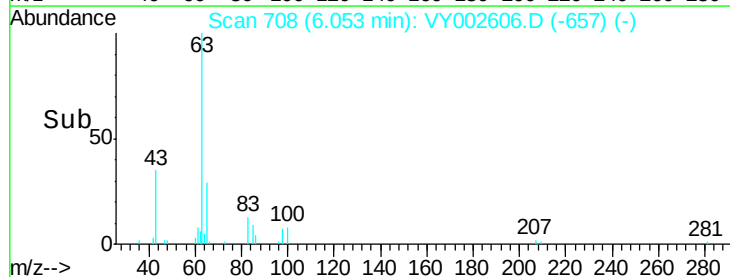
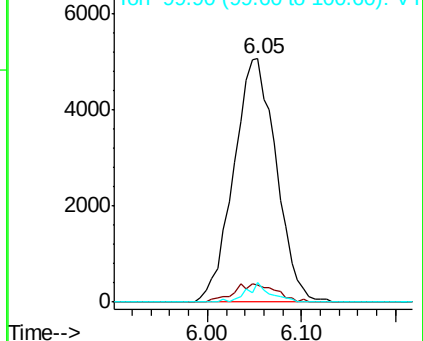
100 7.8 2.4 7.2#

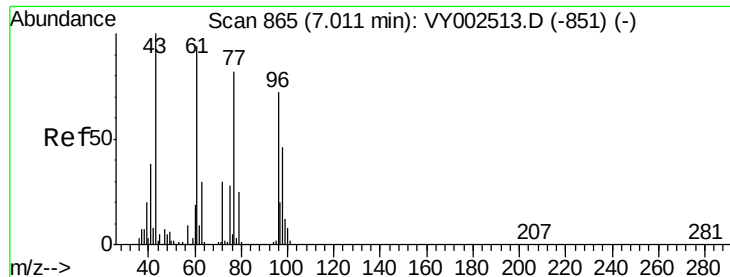


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 13.543 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

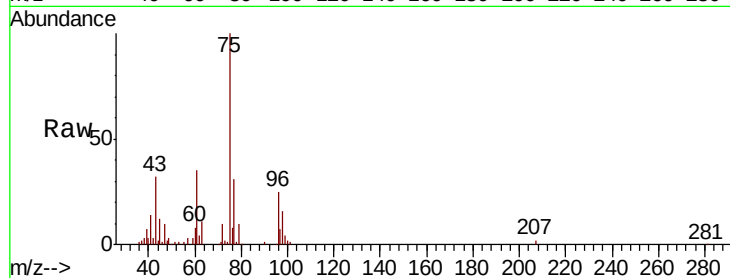
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 14624

Ion Ratio Lower Upper

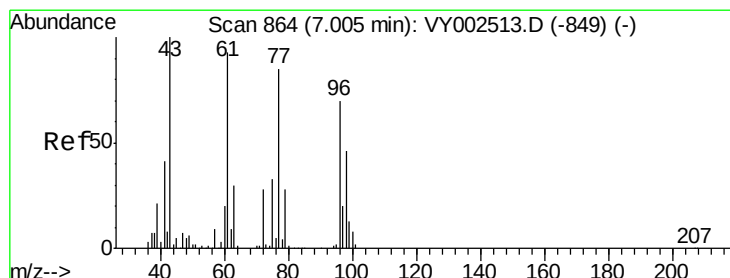
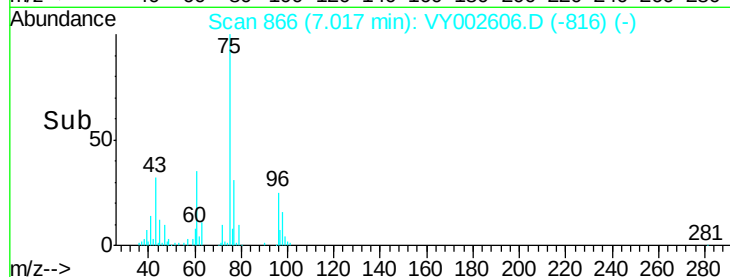
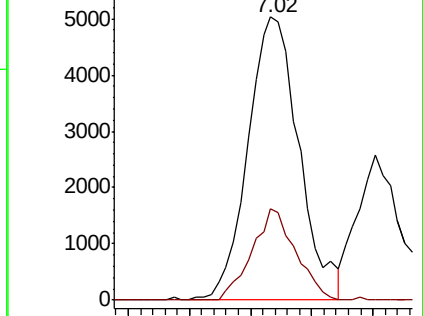
43 100

72 32.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 2.885 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002606.D

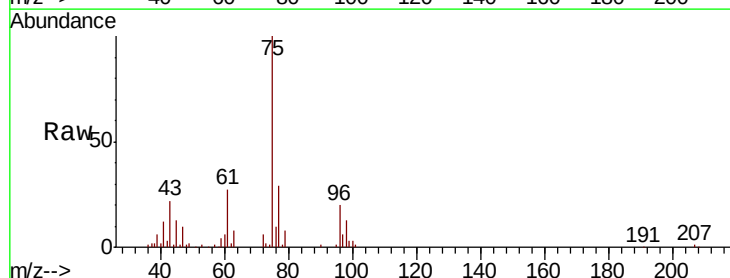
Acq: 06 May 2020 11:42

Tgt Ion: 77 Resp: 15650

Ion Ratio Lower Upper

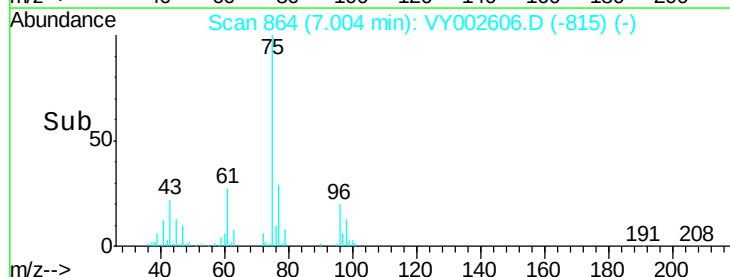
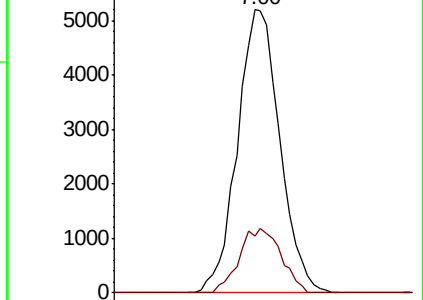
77 100

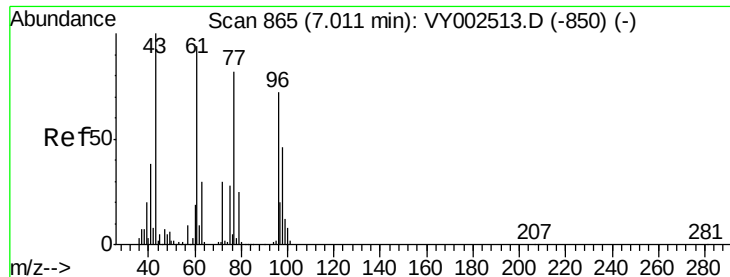
97 22.4 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



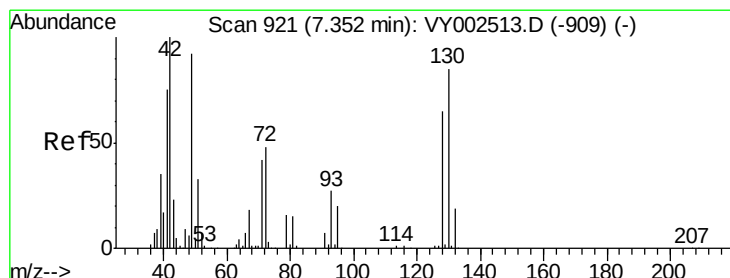
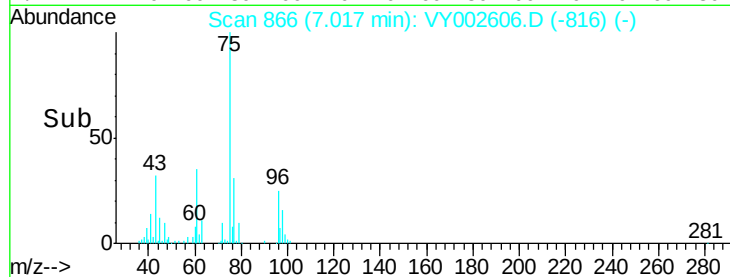
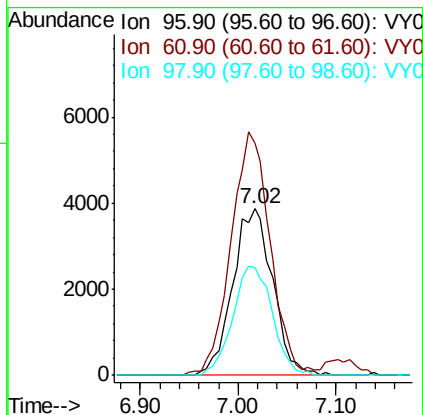
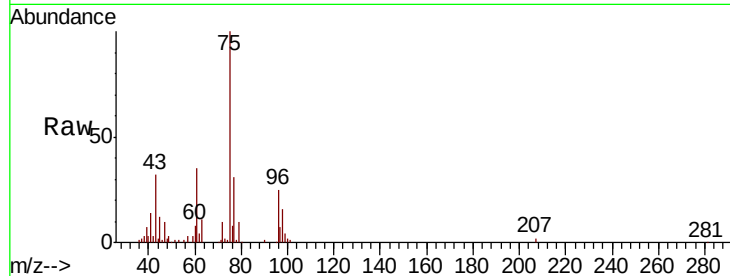


#27

cis-1,2-Dichloroethene
Concen: 2.768 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Instrument :
MSVOA_Y
ClientSampled :

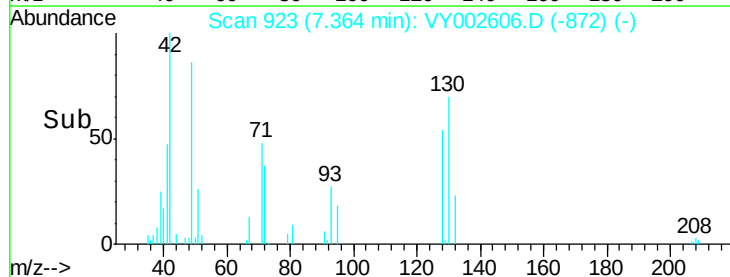
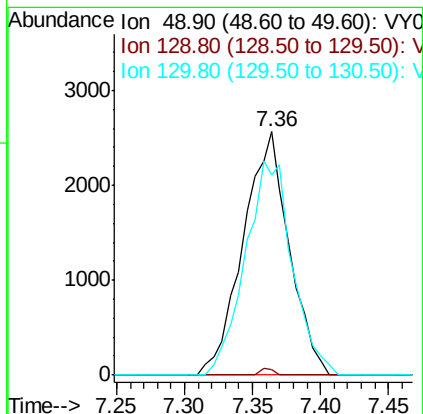
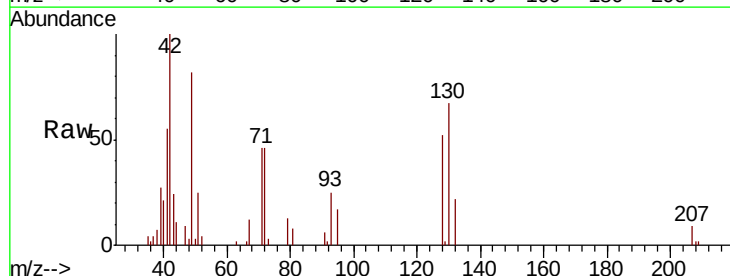
Tot Ion: 96 Resp: 10957
Ion Ratio Lower Upper
96 100
61 143.2 0.0 266.6
98 64.6 0.0 129.2

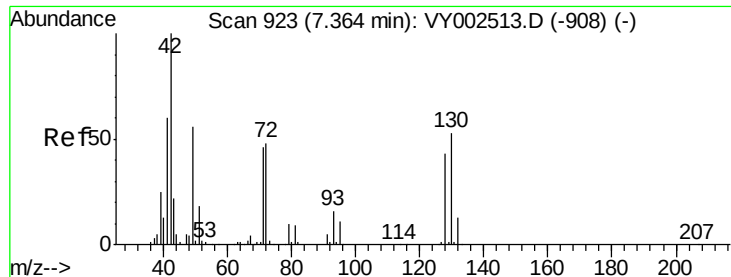


#28

Bromochloromethane
Concen: 2.588 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion: 49 Resp: 6053
Ion Ratio Lower Upper
49 100
129 0.8 0.0 4.8
130 90.3 72.5 108.7

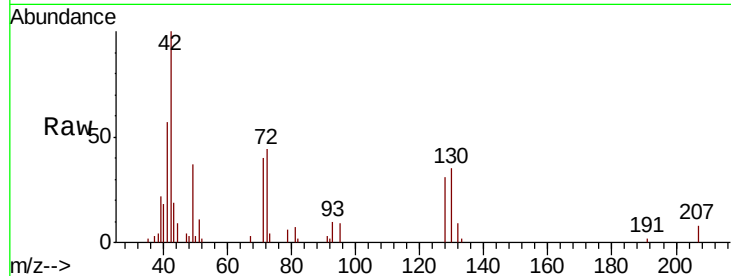




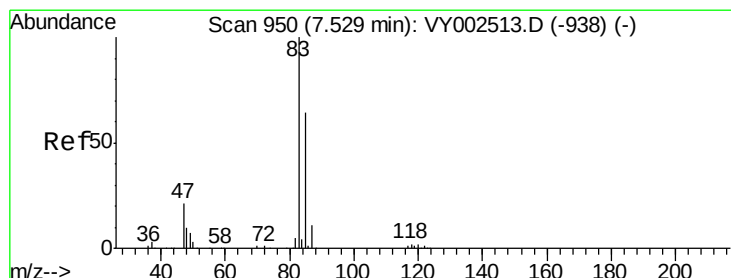
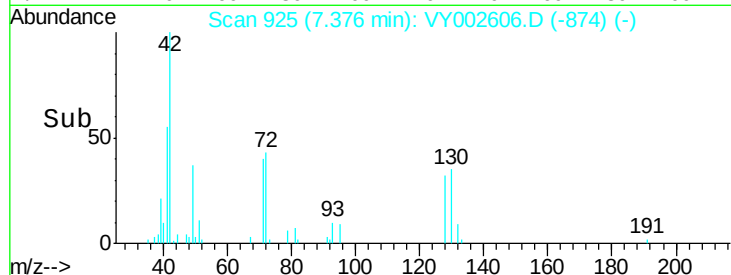
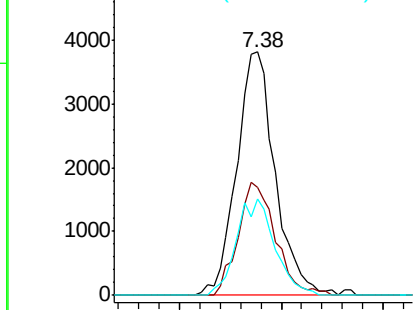
#29
Tetrahydrofuran
Concen: 14.012 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 10011
Ion Ratio Lower Upper
42 100
72 45.2 37.4 56.2
71 39.4 35.0 52.4

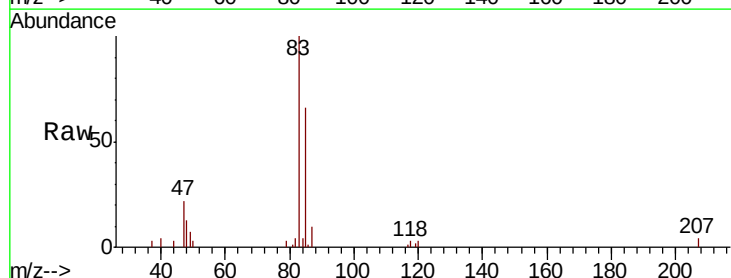


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

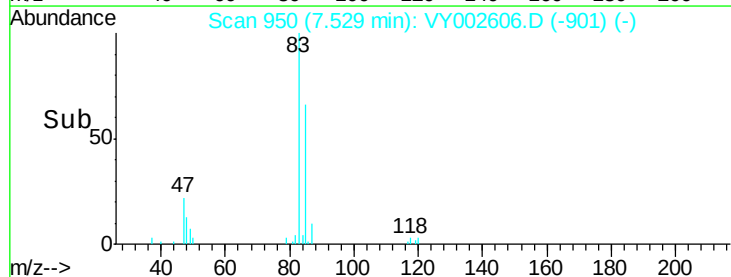
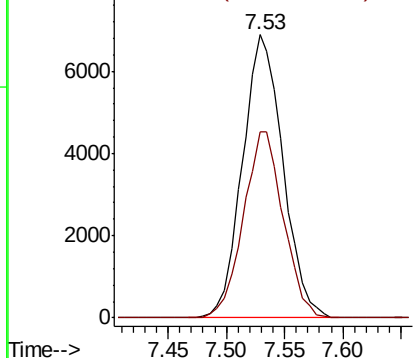


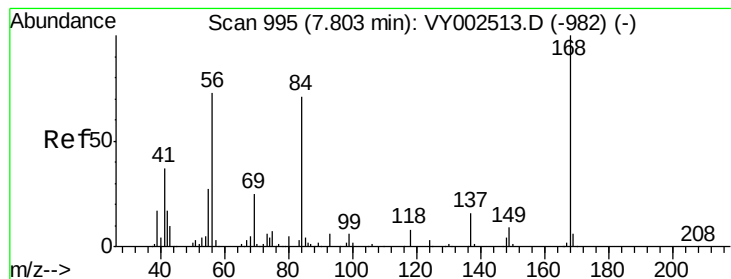
#30
Chloroform
Concen: 2.805 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.00 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion: 83 Resp: 16647
Ion Ratio Lower Upper
83 100
85 65.7 51.5 77.3



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





#31

Cyclohexane

Concen: 3.593 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

ClientSampleId :

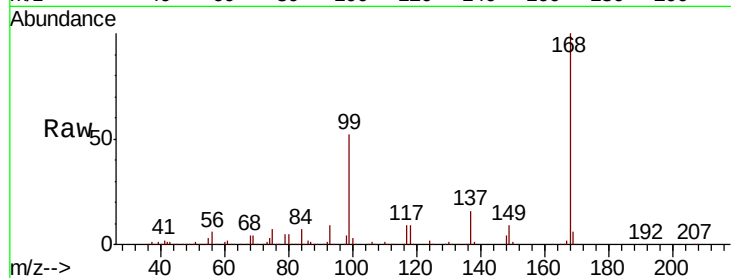
Tot Ion: 56 Resp: 20640

Ion Ratio Lower Upper

56 100

69 73.0 27.6 41.4#

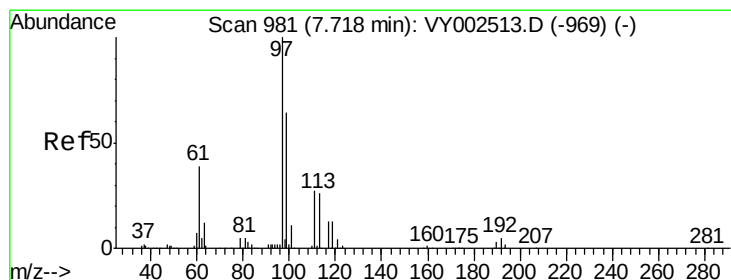
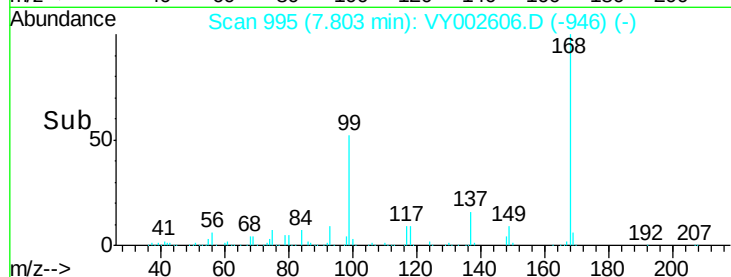
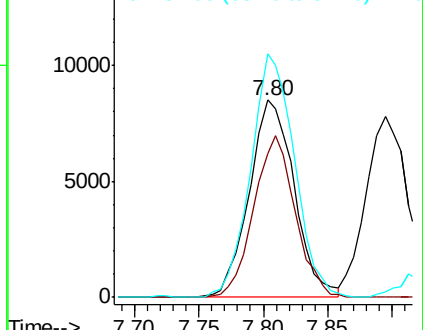
84 123.4 77.7 116.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 2.654 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

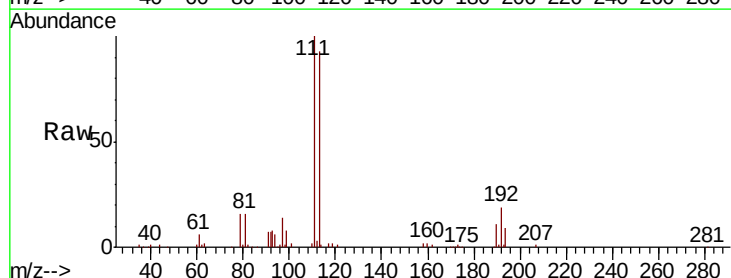
Tgt Ion: 97 Resp: 14637

Ion Ratio Lower Upper

97 100

99 62.1 51.9 77.9

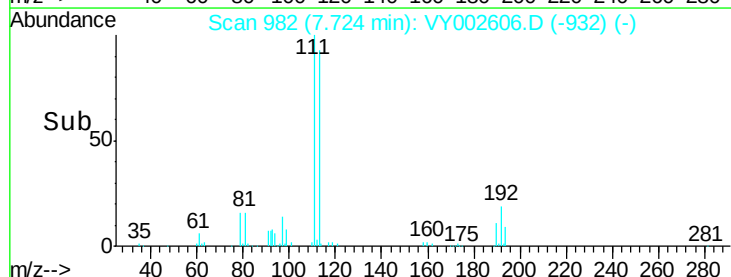
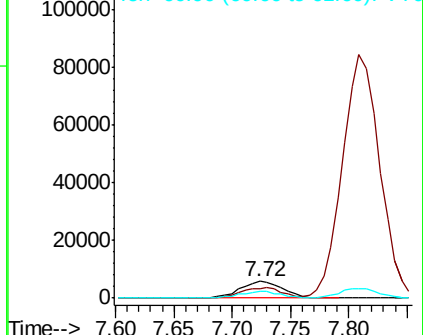
61 38.9 31.0 46.6

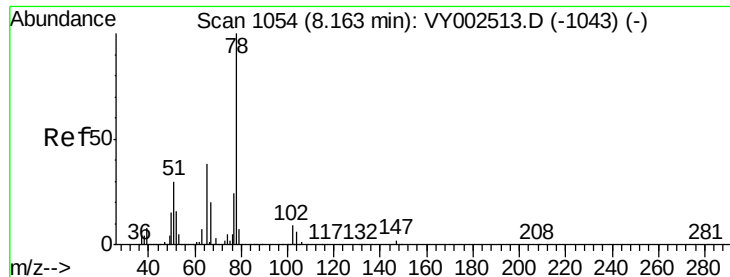


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

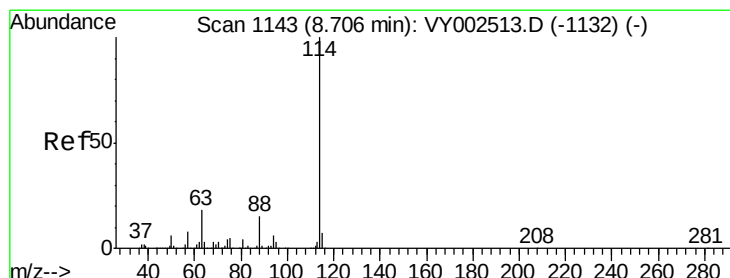
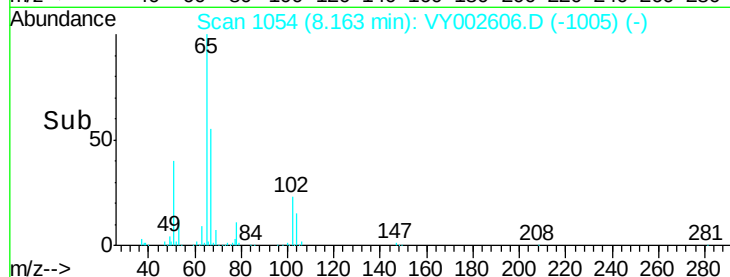
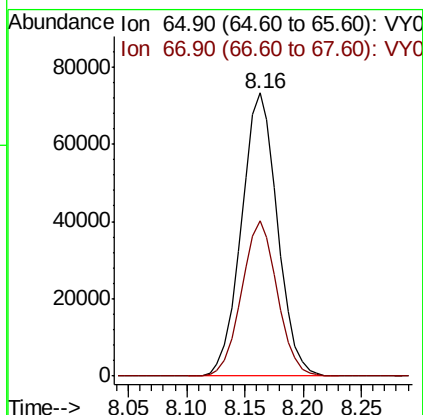
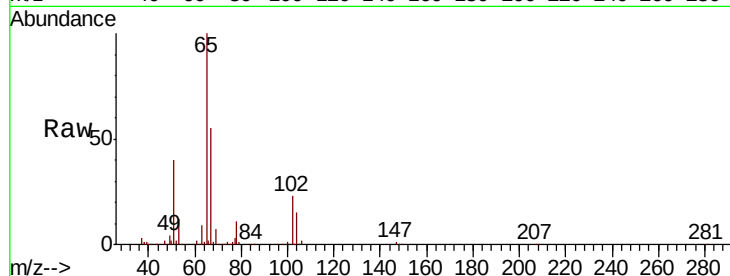




#33
 1,2-Dichloroethane-d4
 Concen: 49.282 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002606.D
 Acq: 06 May 2020 11:42

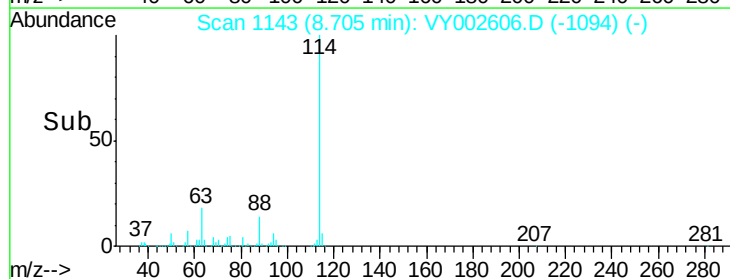
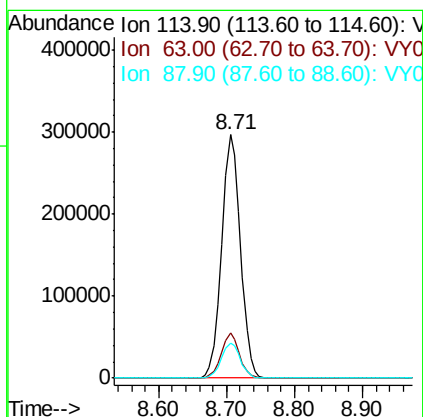
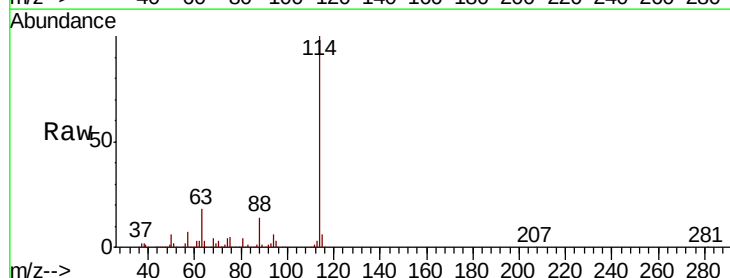
Instrument :
 MSVOA_Y
 ClientSampleId :

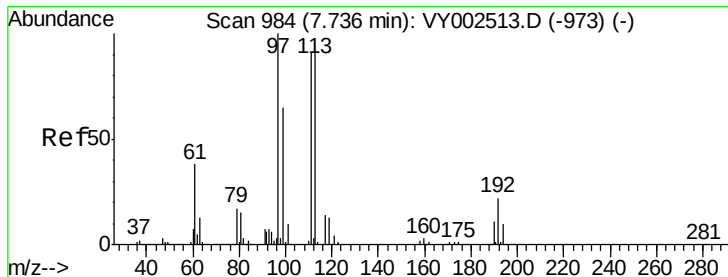
Tot Ion: 65 Resp: 157526
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002606.D
 Acq: 06 May 2020 11:42

Tgt Ion: 114 Resp: 566247
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.4
 88 14.3 0.0 29.6

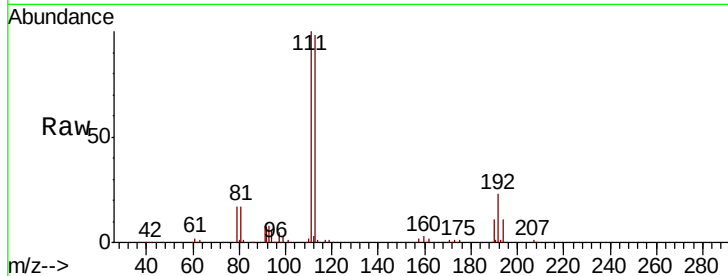




#35
Dibromofluoromethane
Concen: 50.958 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.8	122.6
192	23.2	18.2	27.4

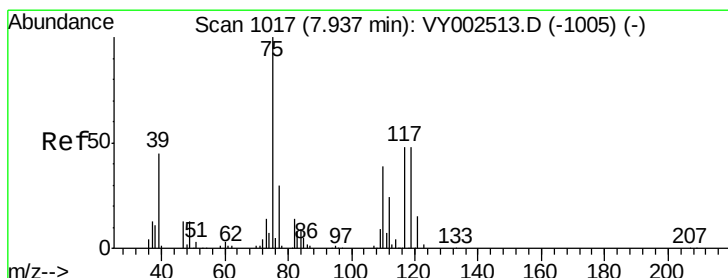
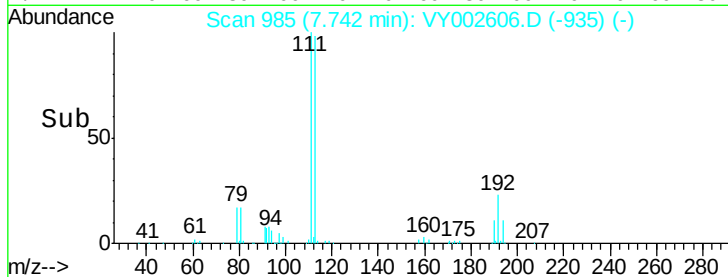
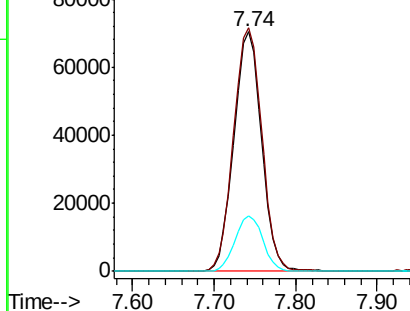


Abundance

Ion 112.80 (112.50 to 113.50): V

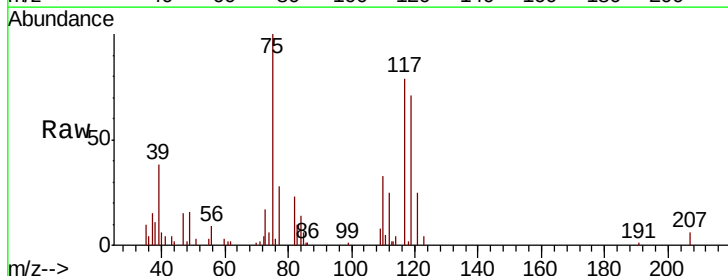
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 2.808 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	19.1	57.3
77	30.5	24.6	37.0

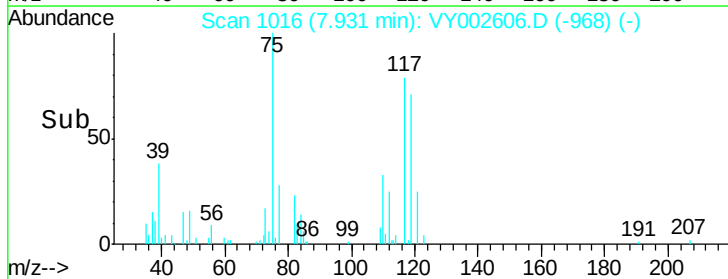
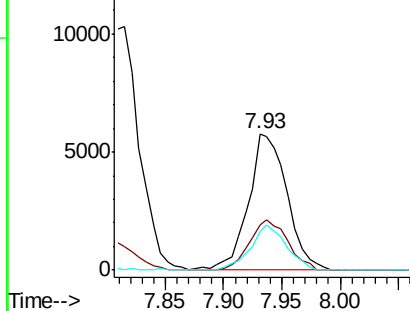


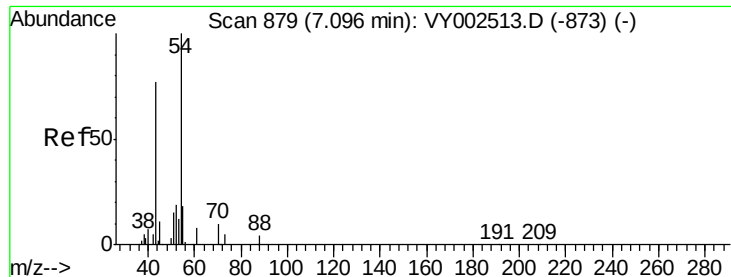
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 2.717 ug/l

RT: 7.10 min Scan# 880

Delta R.T. 0.01 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :
MSVOA_Y
ClientSampleId :

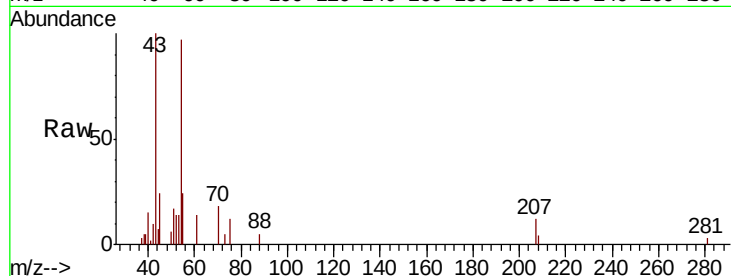
Tot Ion: 43 Resp: 6627

Ion Ratio Lower Upper

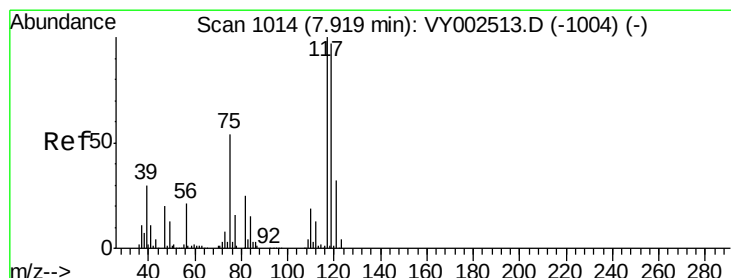
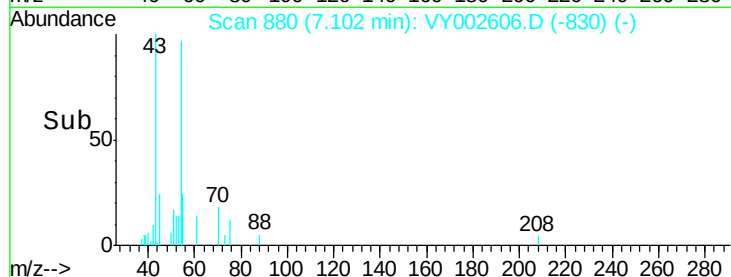
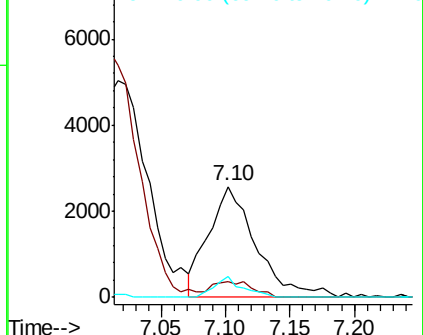
43 100

61 12.5 11.6 17.4

70 11.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0



#38

Carbon Tetrachloride

Concen: 2.683 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

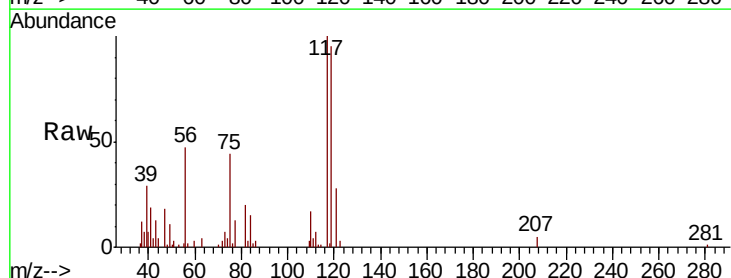
Tgt Ion: 117 Resp: 13907

Ion Ratio Lower Upper

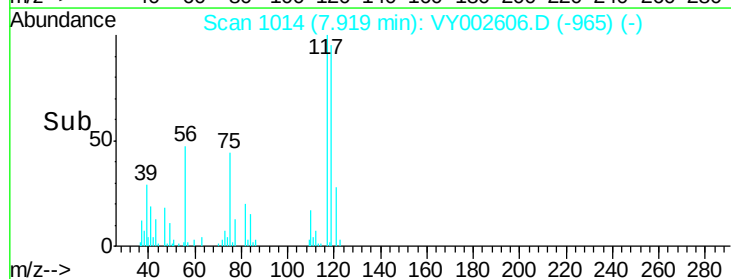
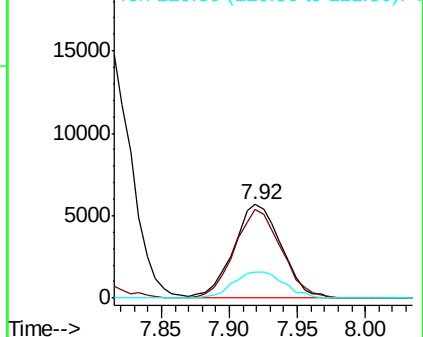
117 100

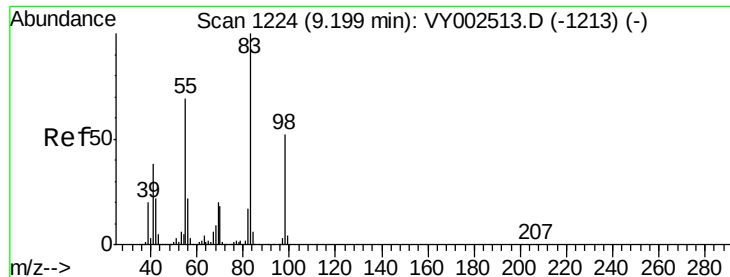
119 95.4 77.1 115.7

121 28.1 25.2 37.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

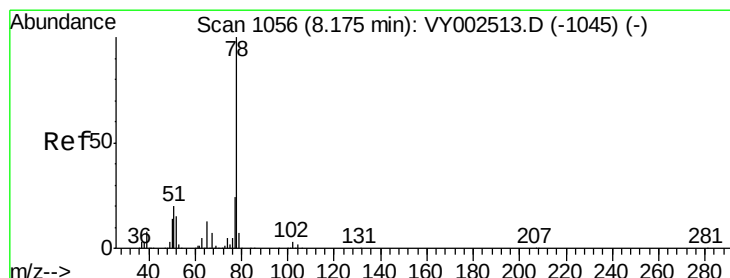
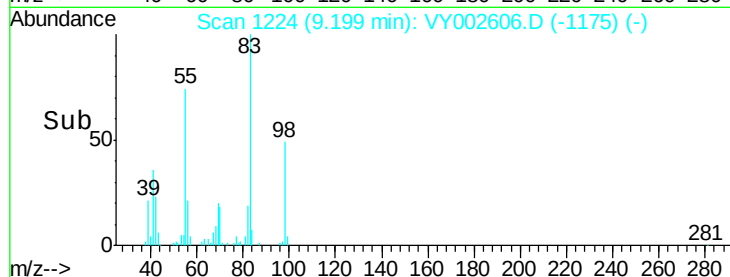
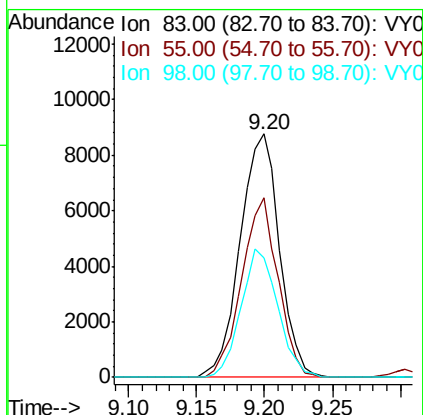
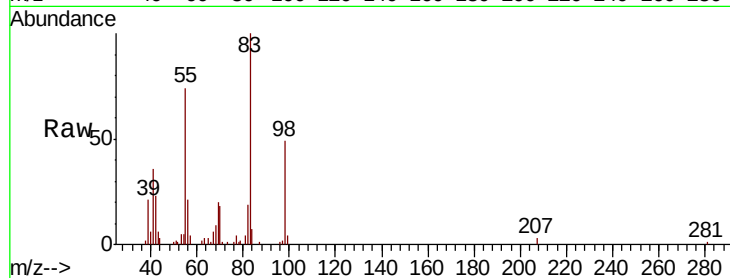




#39
Methylvlcyclohexane
Concen: 2.818 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

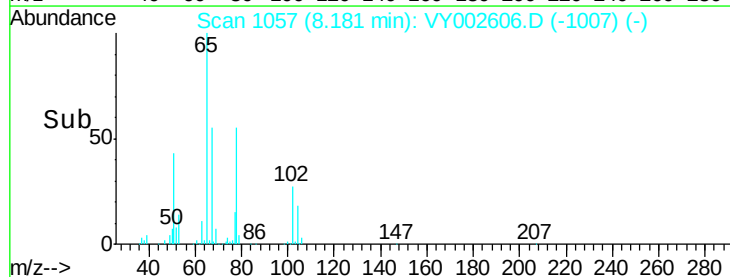
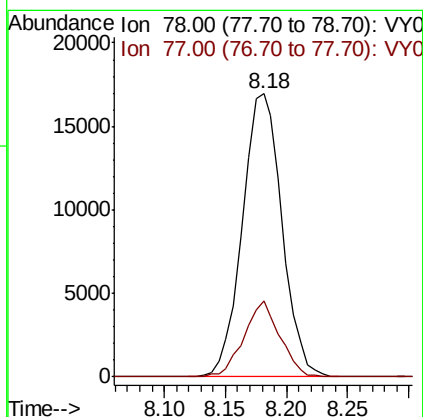
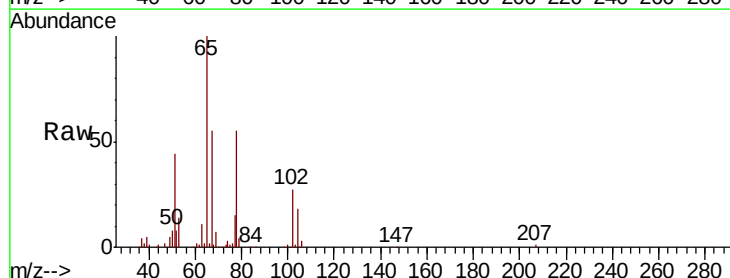
Instrument :
MSVOA_Y
ClientSampled :

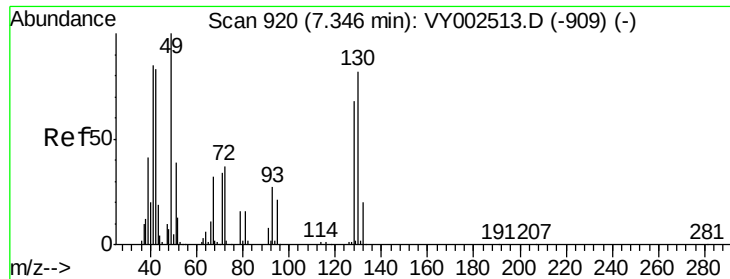
Tot Ion: 83 Resp: 17671
Ion Ratio Lower Upper
83 100
55 73.8 55.4 83.0
98 49.3 41.3 61.9



#40
Benzene
Concen: 2.788 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion: 78 Resp: 38220
Ion Ratio Lower Upper
78 100
77 27.0 19.2 28.8

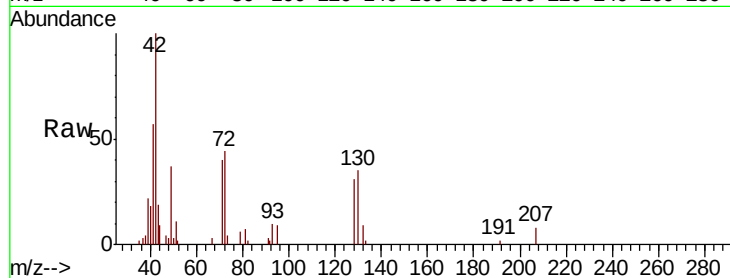




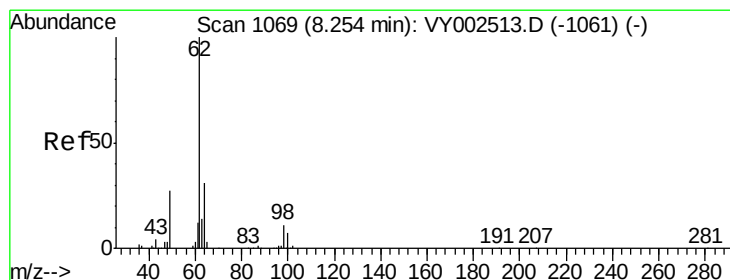
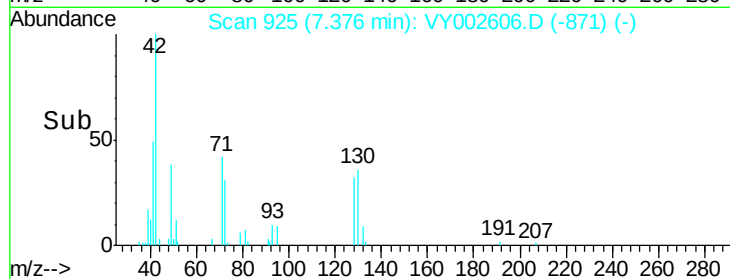
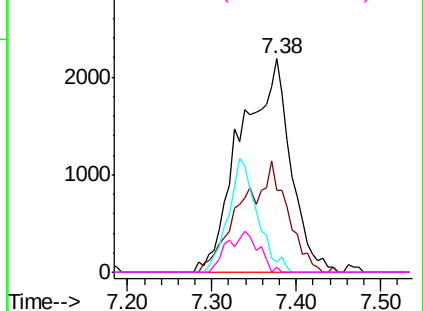
#41
Methacrylonitrile
Concen: 6.740 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.03 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 8840
Ion Ratio Lower Upper
41 100
39 27.0 83.1 124.7#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

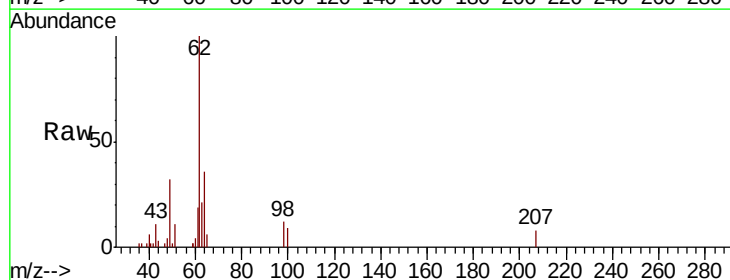


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

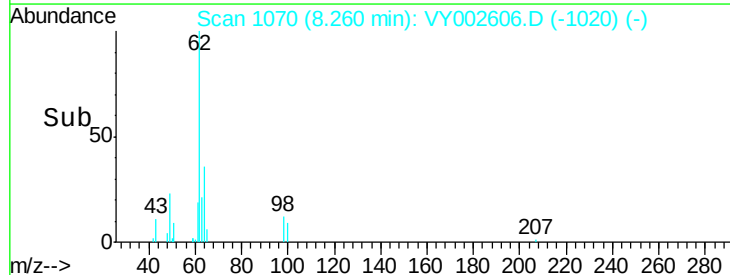
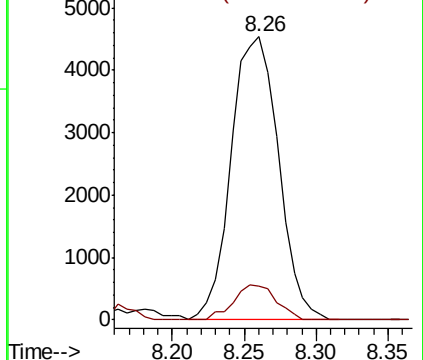


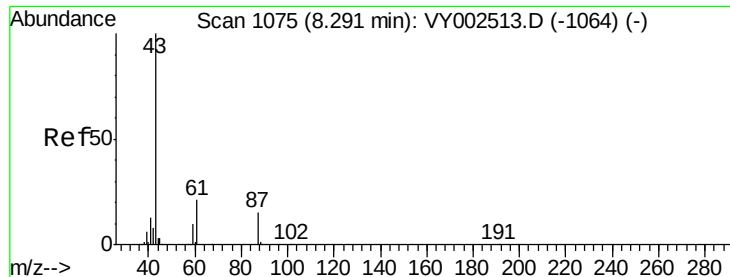
#42
1,2-Dichloroethane
Concen: 2.705 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion: 62 Resp: 10403
Ion Ratio Lower Upper
62 100
98 11.2 0.0 21.0



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





#43

Isopropyl Acetate

Concen: 2.502 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

ClientSampleId :

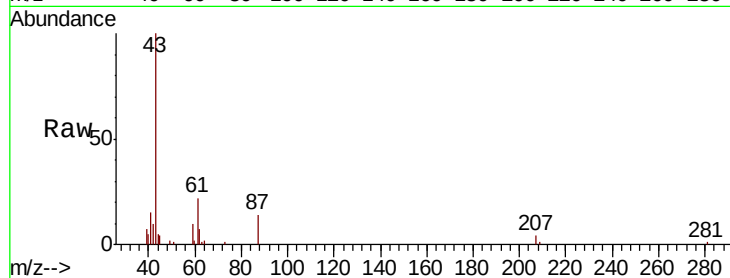
Tot Ion: 43 Resp: 11444

Ion Ratio Lower Upper

43 100

61 18.5 24.8 37.2#

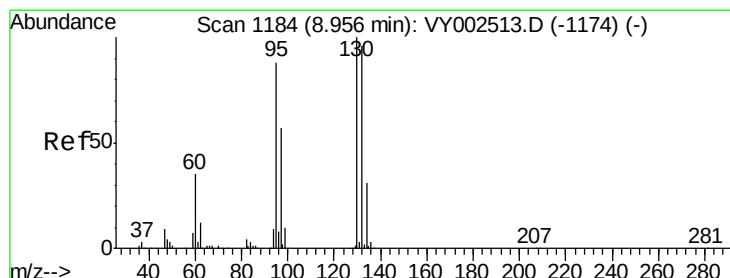
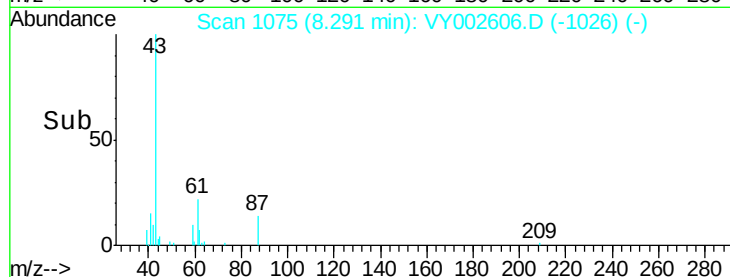
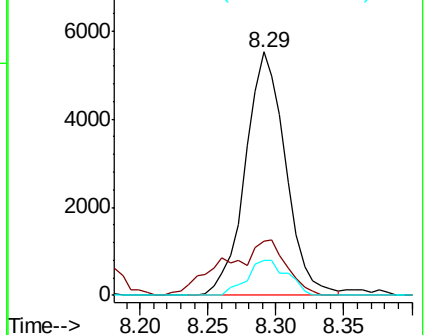
87 14.4 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002606.D (-1026) (-)

Ion 61.00 (60.70 to 61.70): VY002606.D (-1026) (-)

Ion 87.00 (86.70 to 87.70): VY002606.D (-1026) (-)



#44

Trichloroethene

Concen: 2.853 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY002606.D

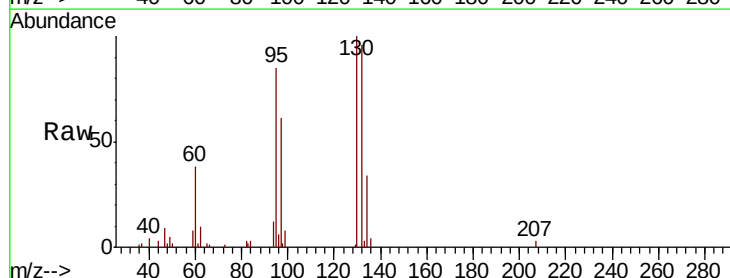
Acq: 06 May 2020 11:42

Tgt Ion: 130 Resp: 12224

Ion Ratio Lower Upper

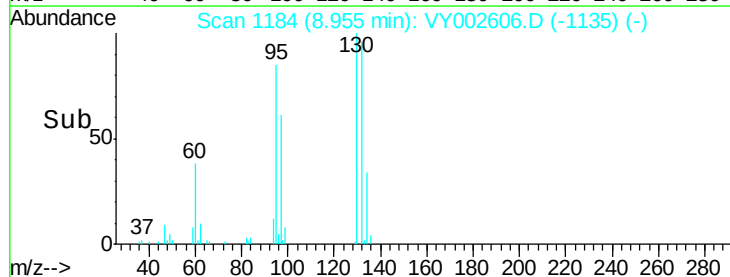
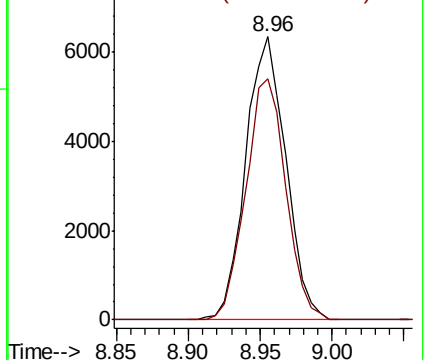
130 100

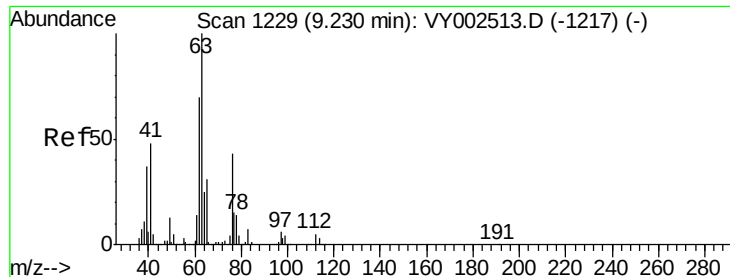
95 85.2 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002606.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002606.D (-1135) (-)

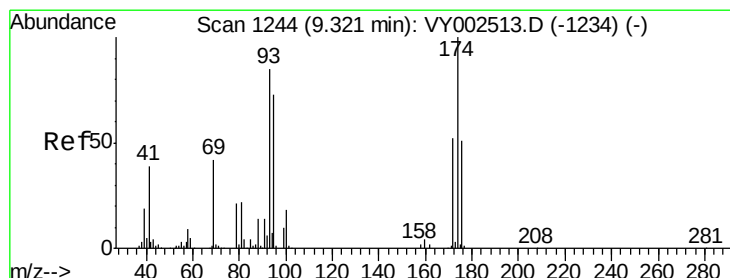
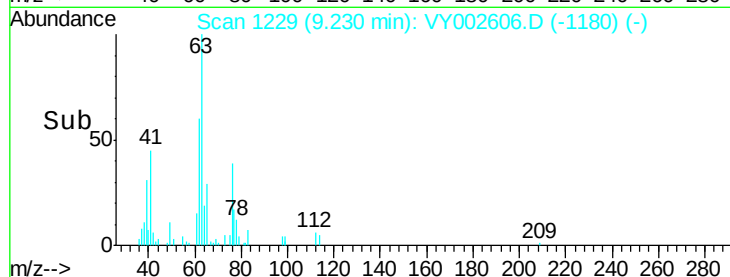
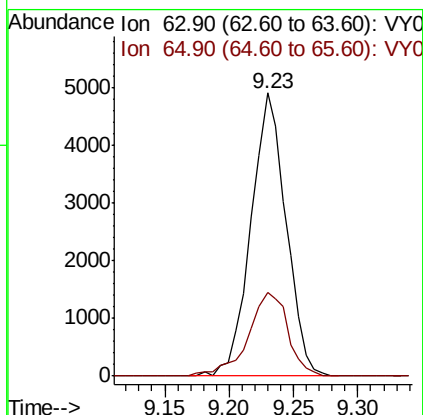
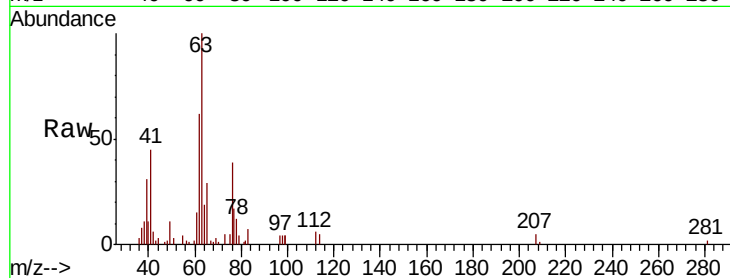




#45
 1,2-Dichloropropane
 Concen: 2.785 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002606.D
 Acq: 06 May 2020 11:42

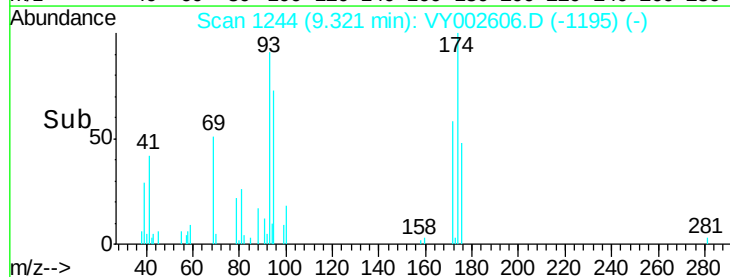
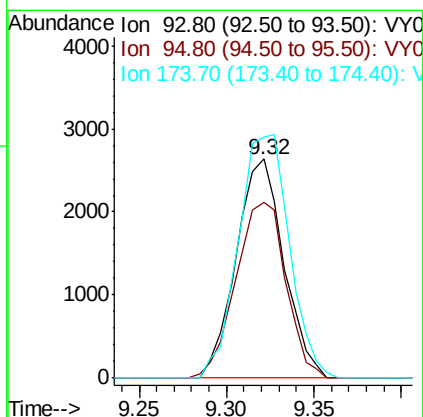
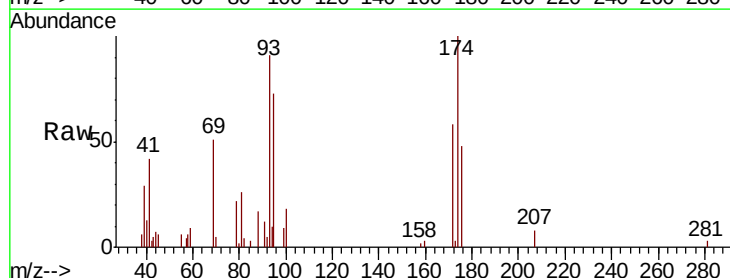
Instrument :
 MSVOA_Y
 ClientSampled :

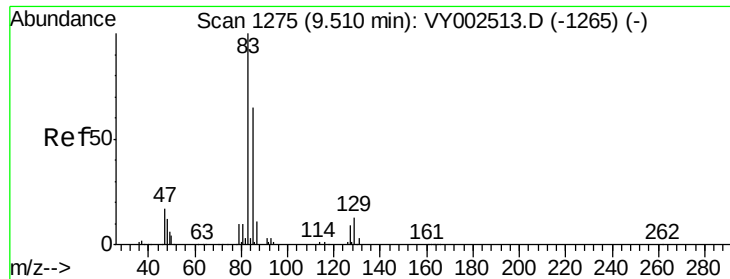
Tot Ion: 63 Resp: 9216
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.5 36.7



#46
 Dibromomethane
 Concen: 2.622 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY002606.D
 Acq: 06 May 2020 11:42

Tgt Ion: 93 Resp: 4992
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.0 100.4
 174 119.3 92.7 139.1





#47

Bromodichloromethane

Concen: 2.662 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

ClientSampleId :

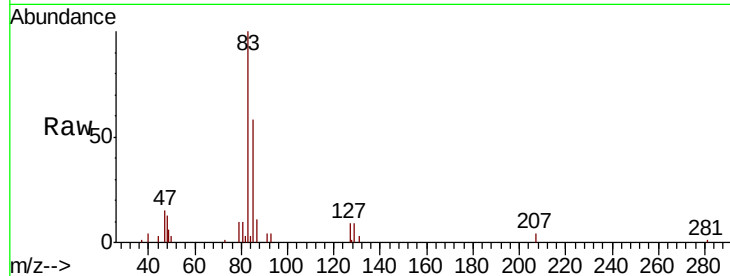
Tot Ion: 83 Resp: 12322

Ion Ratio Lower Upper

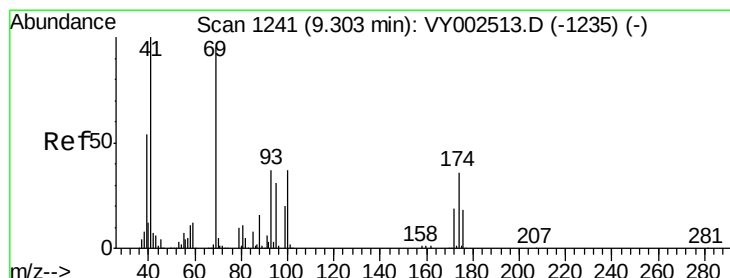
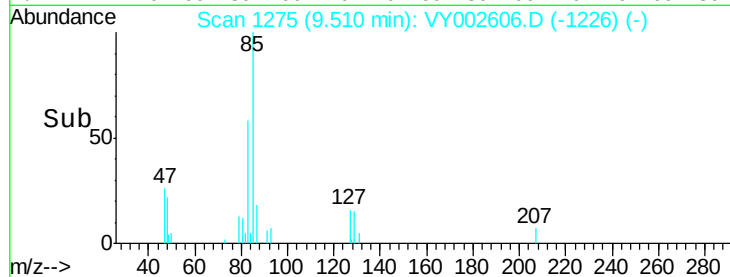
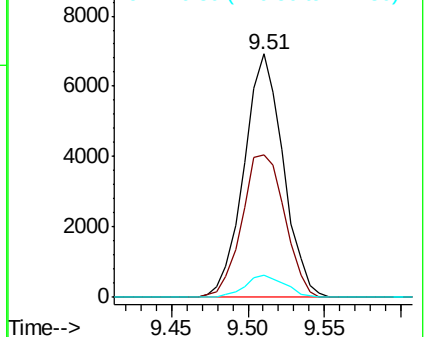
83 100

85 58.4 51.8 77.8

127 9.2 7.4 11.0



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



#48

Methyl methacrylate

Concen: 2.558 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

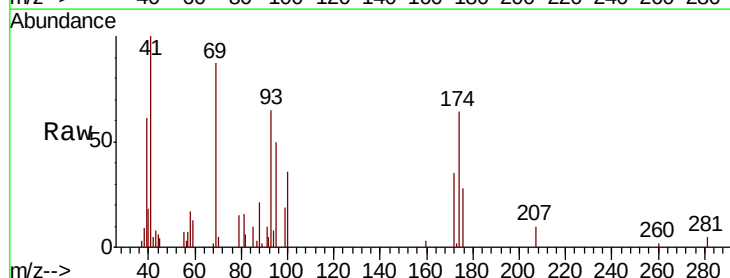
Tgt Ion: 41 Resp: 5295

Ion Ratio Lower Upper

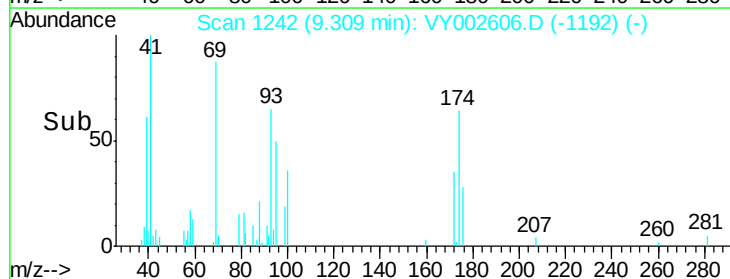
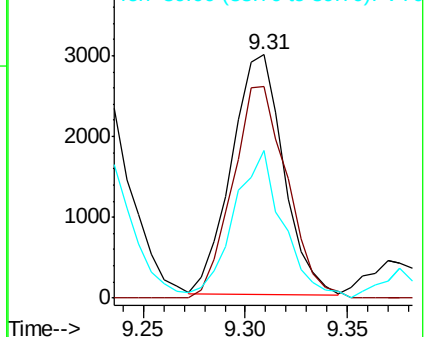
41 100

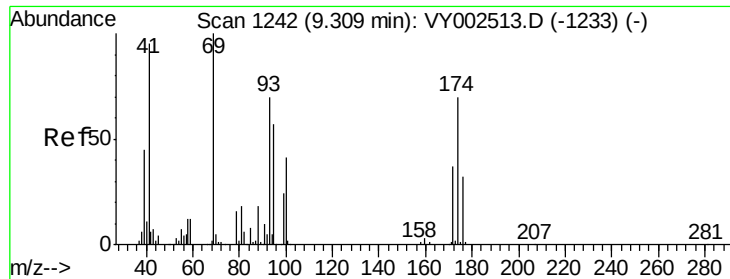
69 91.7 76.2 114.4

39 58.0 42.7 64.1



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

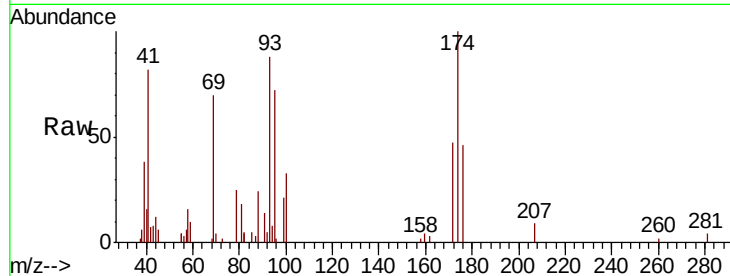




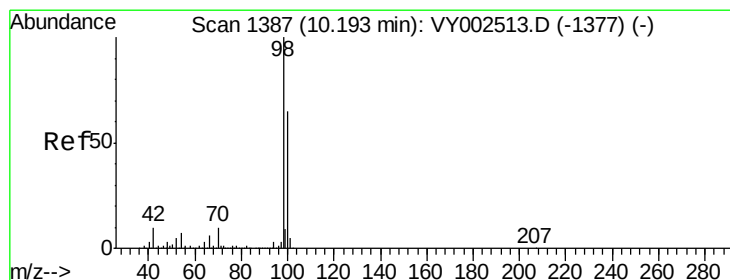
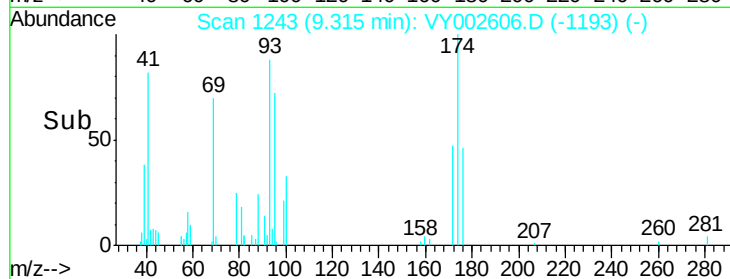
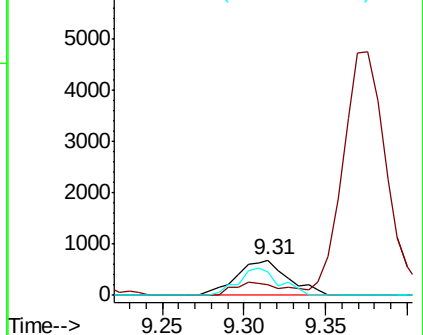
#49
1,4-Dioxane
Concen: 59.587 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 1502
Ion Ratio Lower Upper
88 100
43 35.5 22.8 34.2#
58 61.6 51.4 77.2

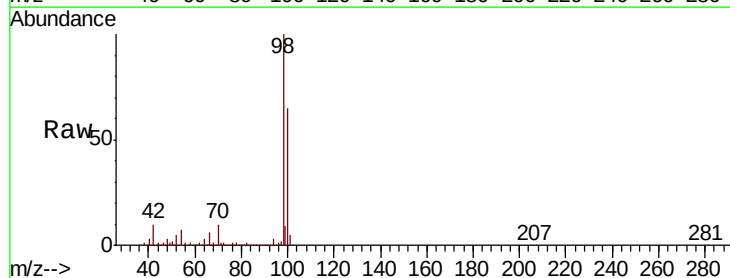


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

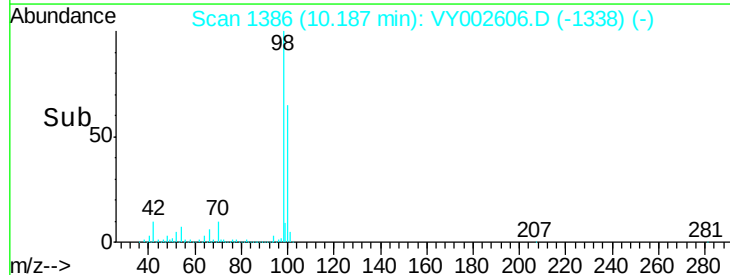
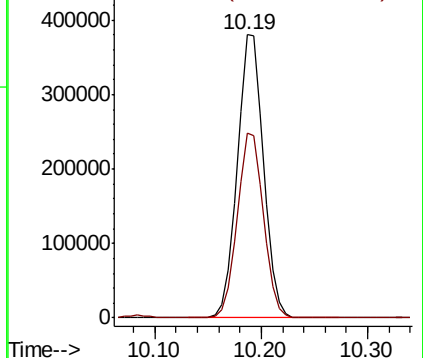


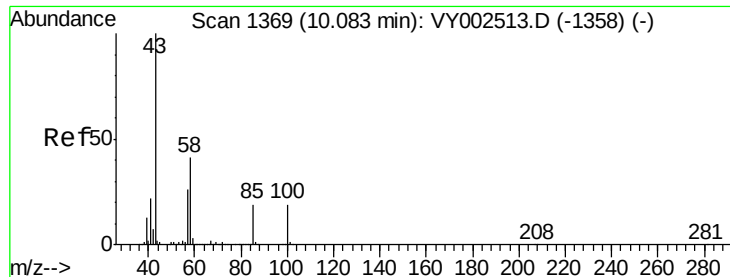
#50
Toluene-d8
Concen: 51.987 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion: 98 Resp: 657451
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



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

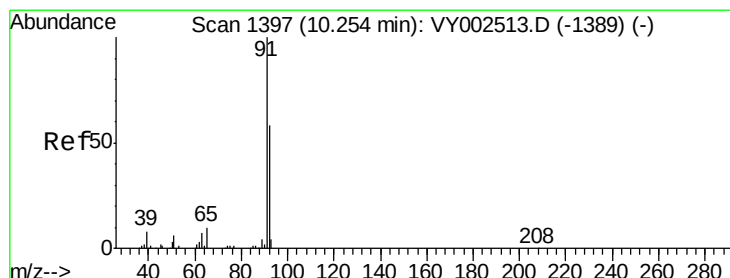
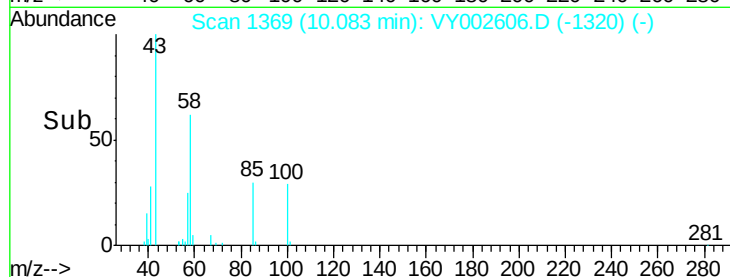
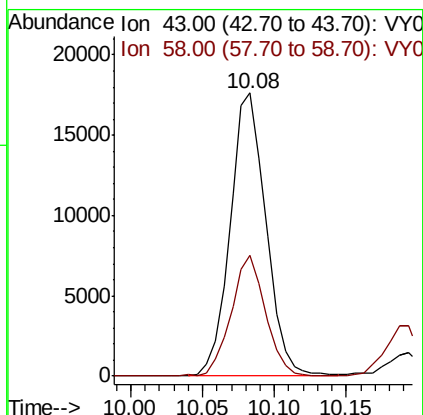
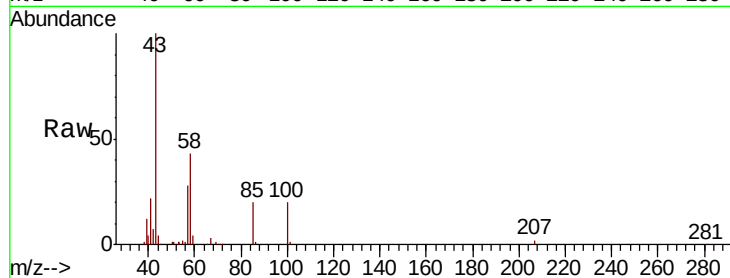




#51
4-Methyl-2-Pentanone
Concen: 12.994 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

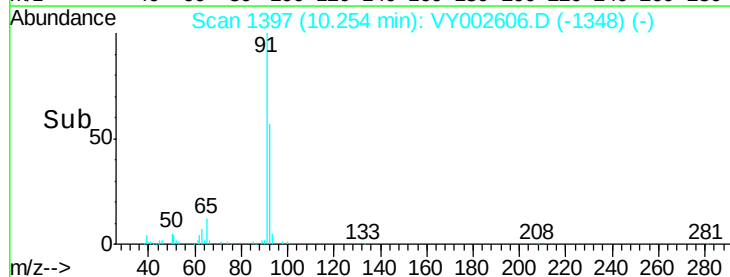
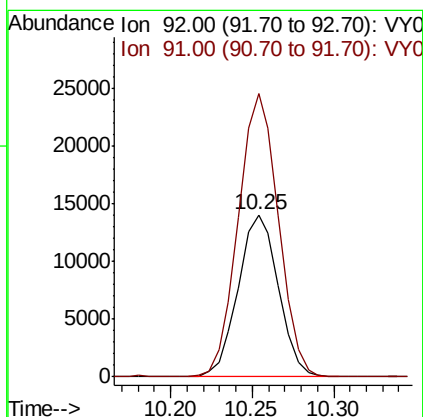
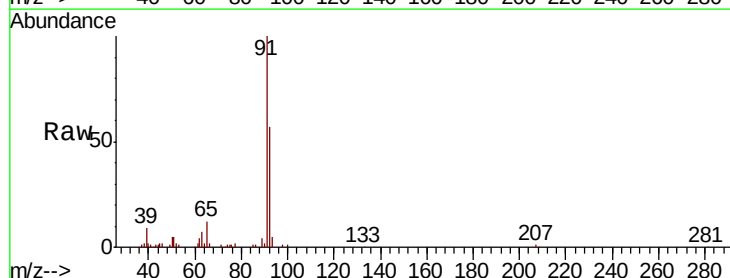
Instrument :
MSVOA_Y
ClientSampleId :

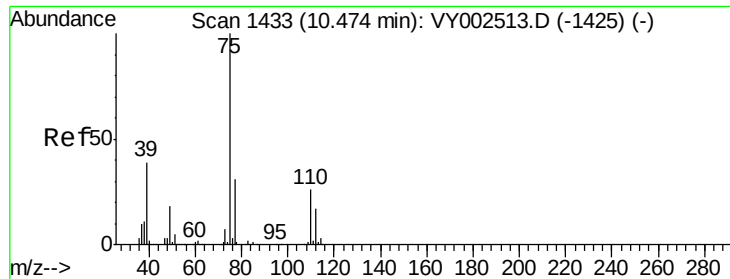
Tot Ion: 43 Resp: 30628
Ion Ratio Lower Upper
43 100
58 40.7 33.2 49.8



#52
Toluene
Concen: 2.742 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion: 92 Resp: 24159
Ion Ratio Lower Upper
92 100
91 174.0 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 2.518 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

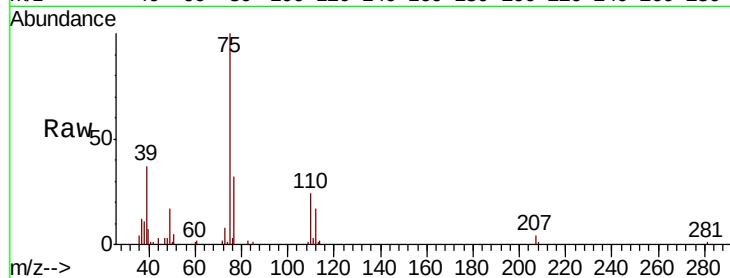
ClientSampleId :

Tot Ion: 75 Resp: 12215

Ion Ratio Lower Upper

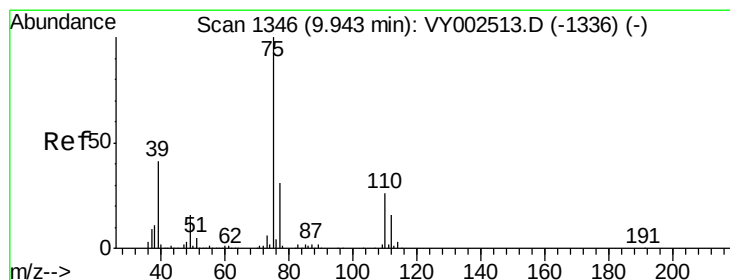
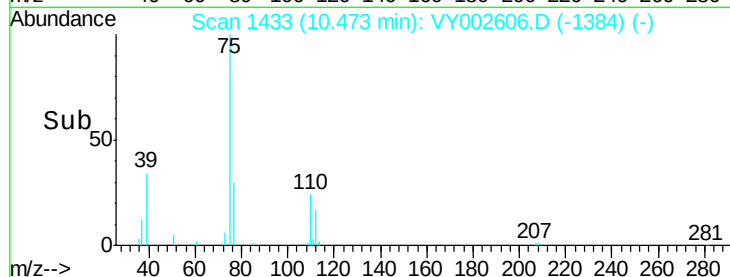
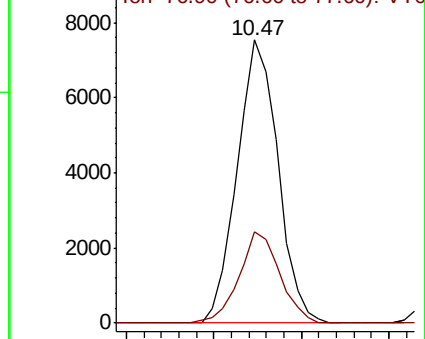
75 100

77 32.2 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 2.620 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

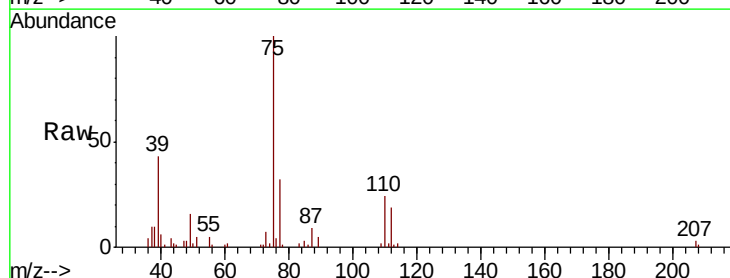
Tgt Ion: 75 Resp: 14690

Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

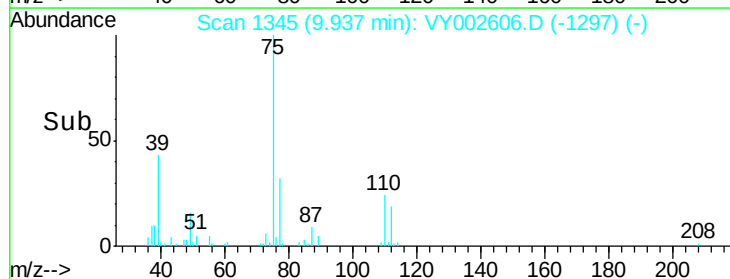
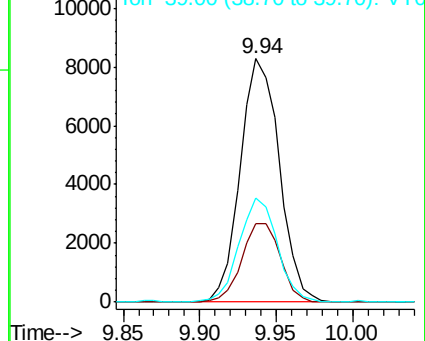
39 42.8 32.7 49.1

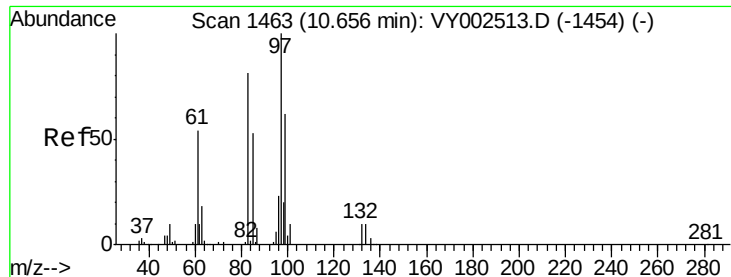


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 2.678 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 7434

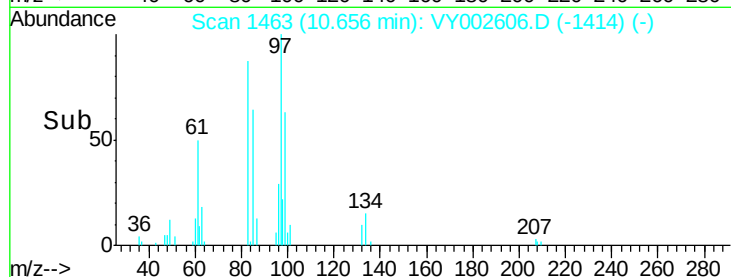
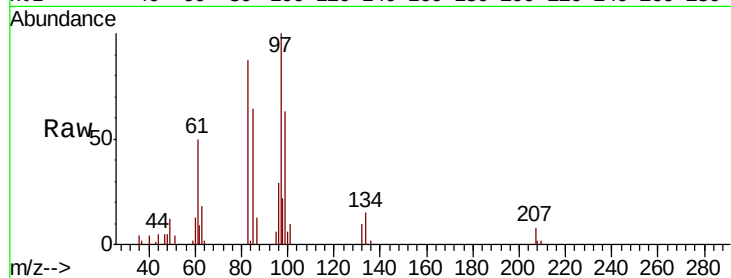
Ion	Ratio	Lower	Upper
97	100		
83	87.1	65.1	97.7
85	63.7	42.7	64.1
99	63.1	50.0	75.0

97 100

83 87.1 65.1 97.7

85 63.7 42.7 64.1

99 63.1 50.0 75.0



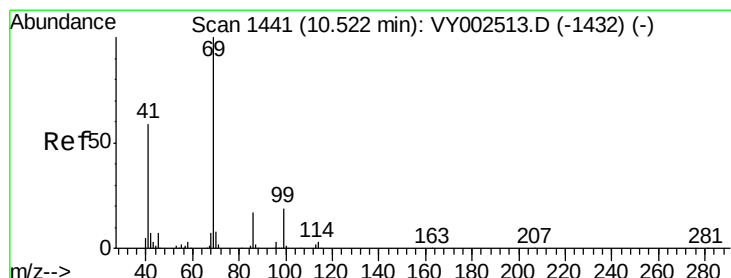
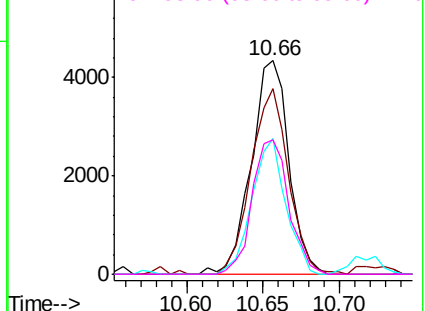
Abundance

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: 2.526 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

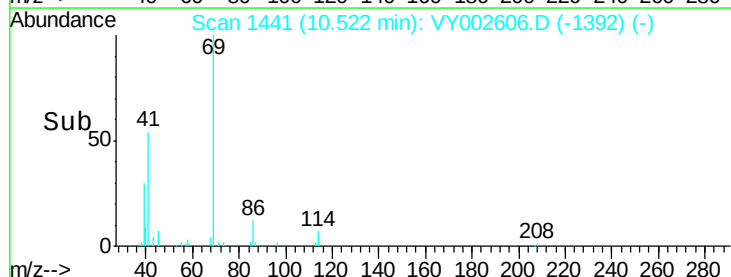
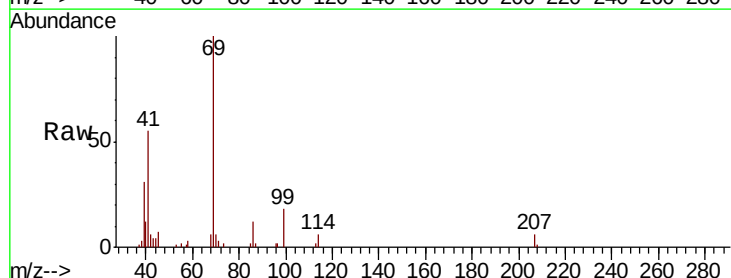
Tgt Ion: 69 Resp: 9330

Ion	Ratio	Lower	Upper
69	100		
41	61.4	48.6	73.0
39	30.9	25.0	37.4

69 100

41 61.4 48.6 73.0

39 30.9 25.0 37.4

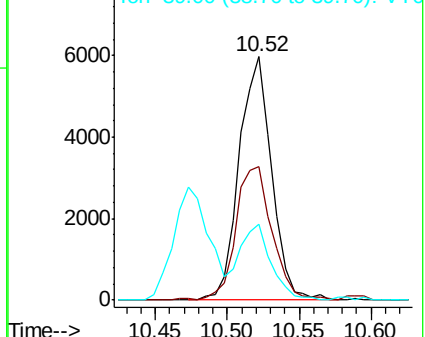


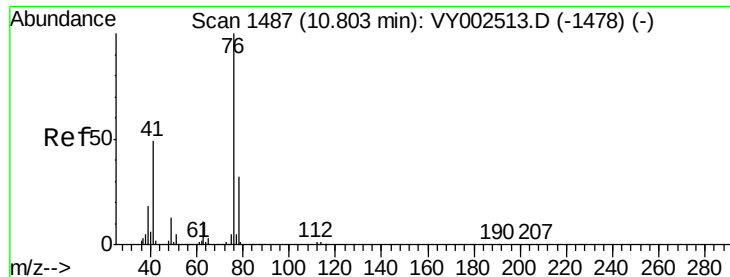
Abundance

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: 2.700 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

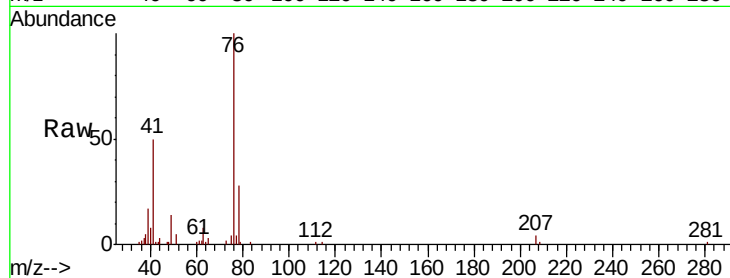
ClientSampleId :

Tot Ion: 76 Resp: 12712

Ion Ratio Lower Upper

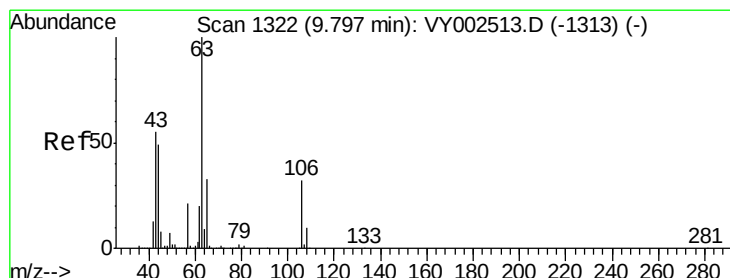
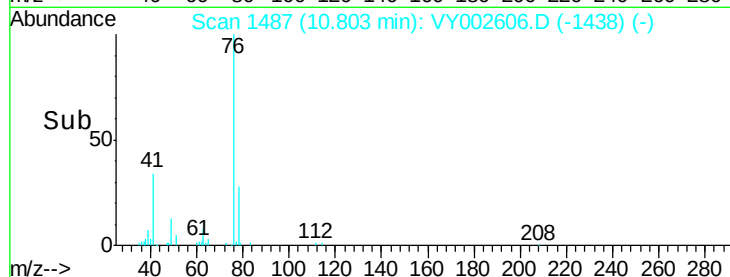
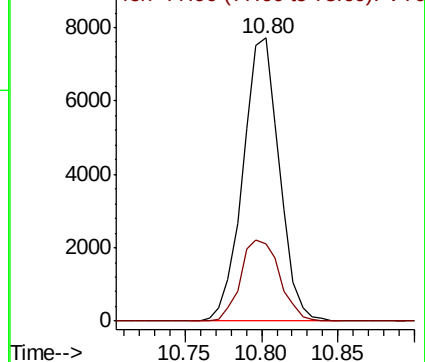
76 100

78 30.8 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 12.768 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY002606.D

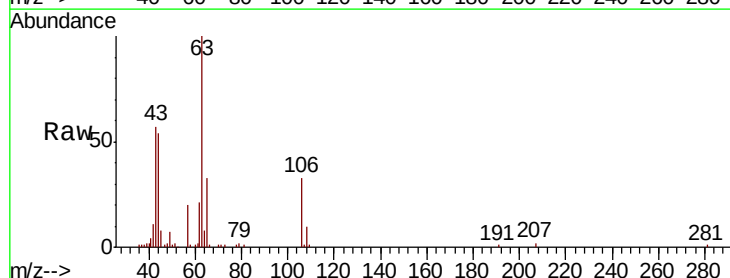
Acq: 06 May 2020 11:42

Tgt Ion: 63 Resp: 24867

Ion Ratio Lower Upper

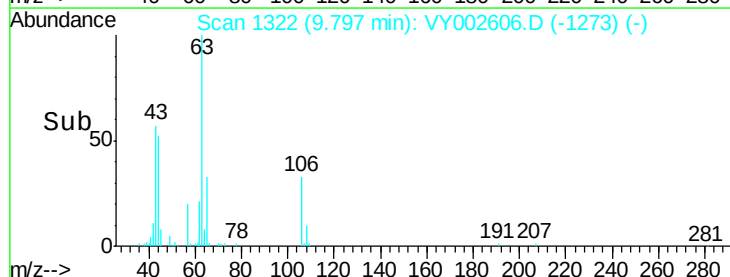
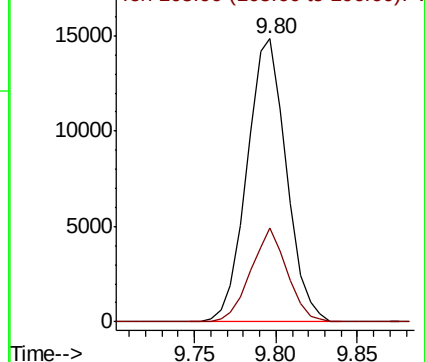
63 100

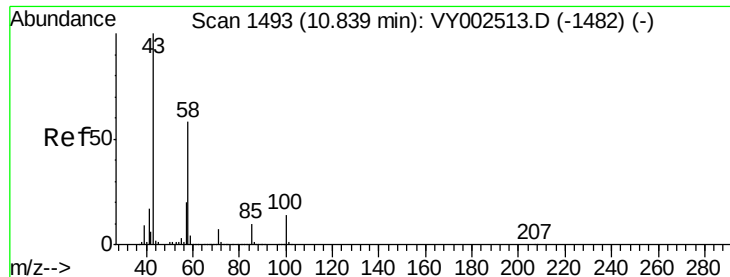
106 30.6 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

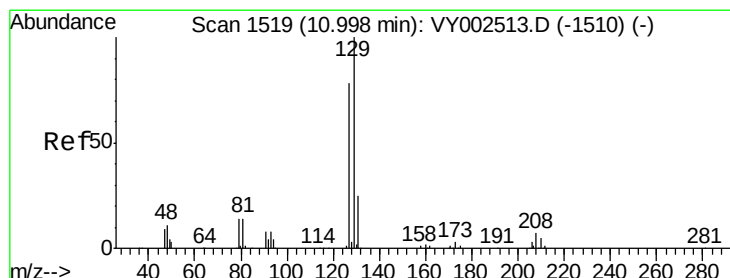
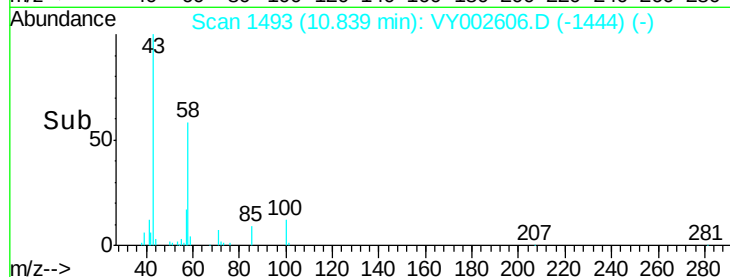
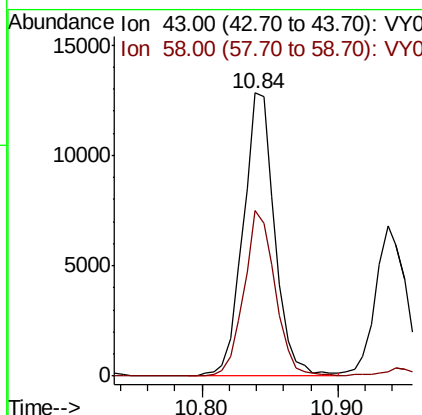
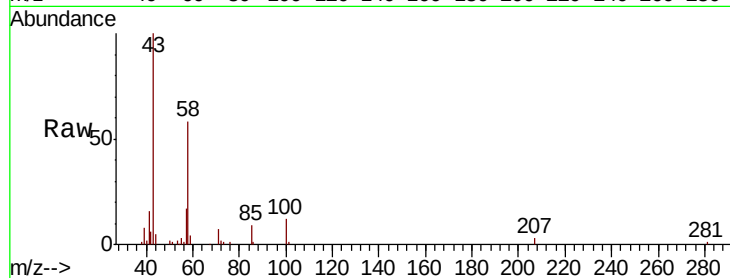




#59
2-Hexanone
Concen: 12.879 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

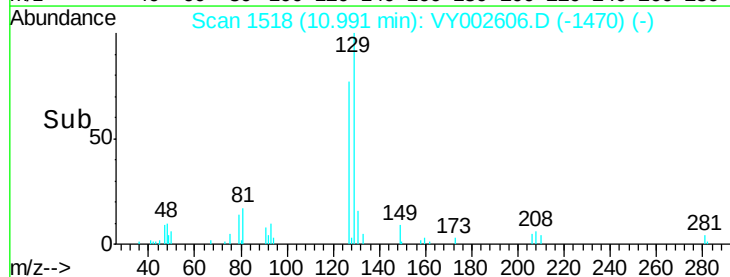
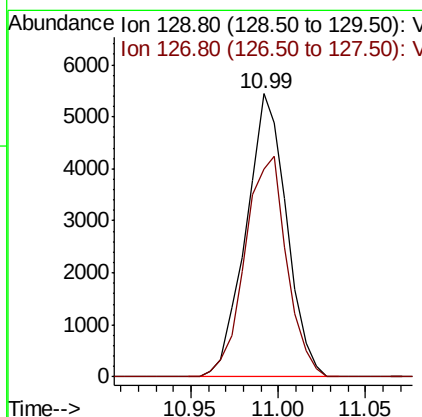
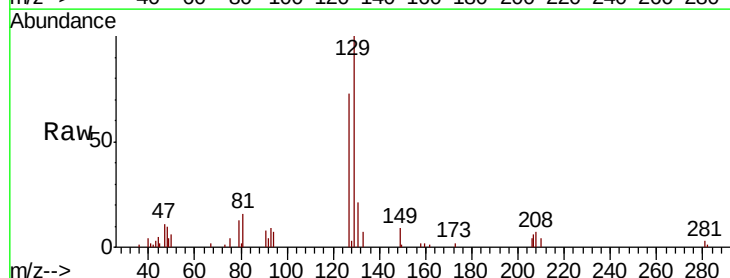
Instrument :
MSVOA_Y
ClientSampled :

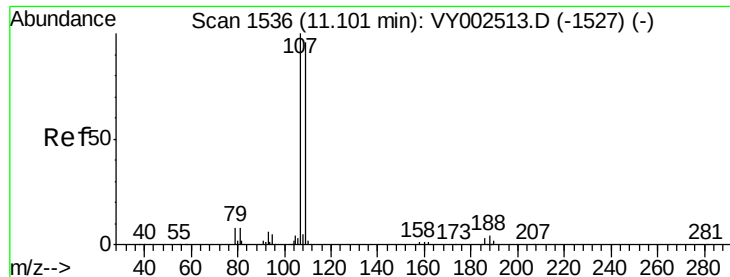
Tot Ion: 43 Resp: 20894
Ion Ratio Lower Upper
43 100
58 57.2 29.1 87.3



#60
Dibromochloromethane
Concen: 2.506 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion: 129 Resp: 8848
Ion Ratio Lower Upper
129 100
127 80.1 39.0 117.0

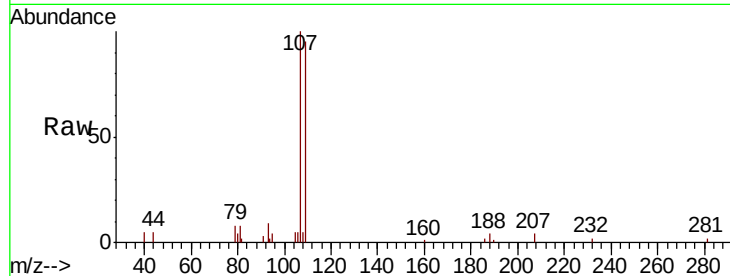




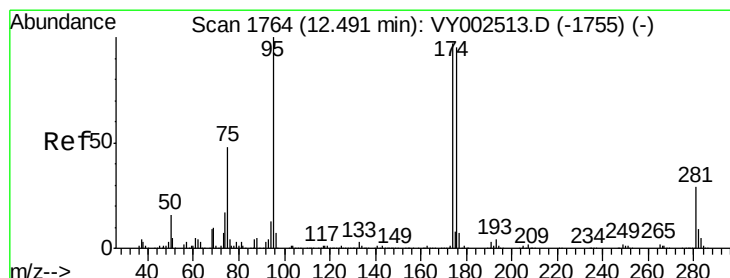
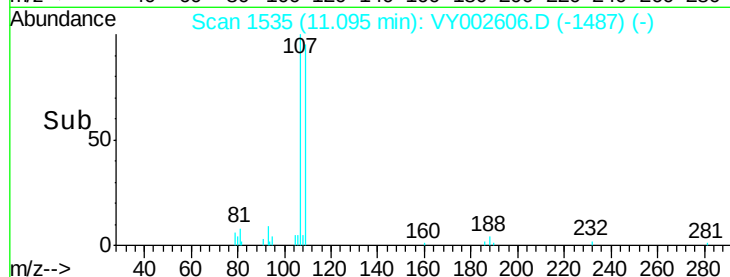
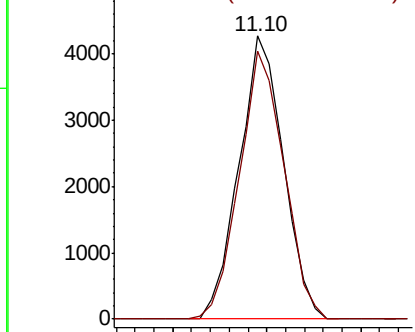
#61
 1,2-Dibromoethane
 Concen: 2.536 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002606.D
 Acq: 06 May 2020 11:42

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 107 Resp: 6970
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.8 113.8

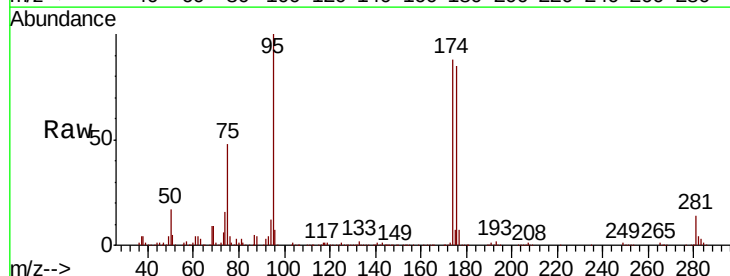


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

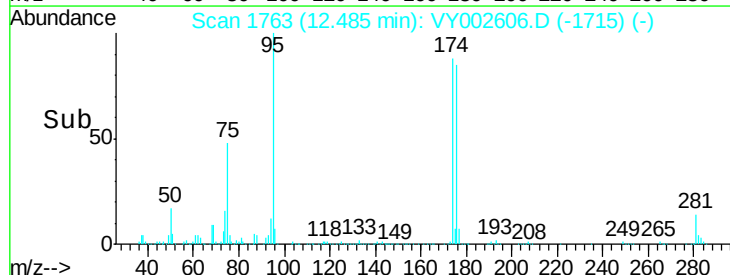
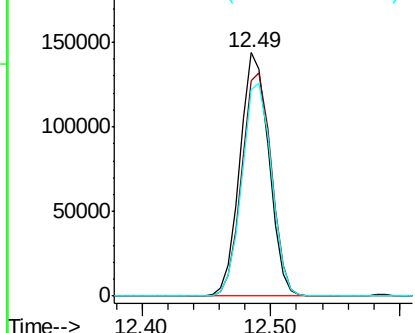


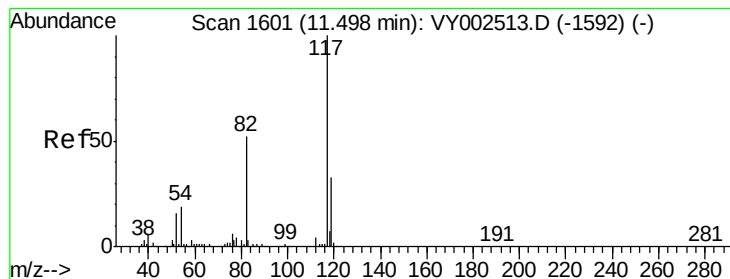
#62
 4-Bromofluorobenzene
 Concen: 51.980 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002606.D
 Acq: 06 May 2020 11:42

Tgt Ion: 95 Resp: 223058
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 188.8
 176 89.7 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

ClientSampleId :

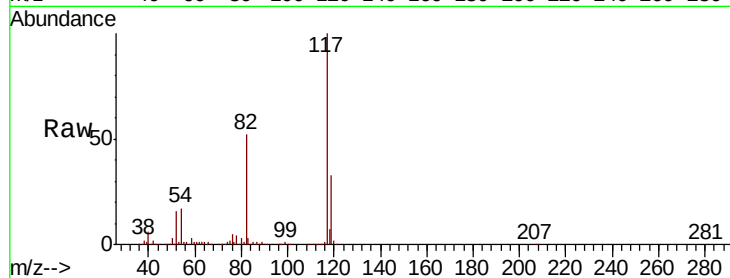
Tot Ion:117 Resp: 509580

Ion Ratio Lower Upper

117 100

82 51.5 41.3 61.9

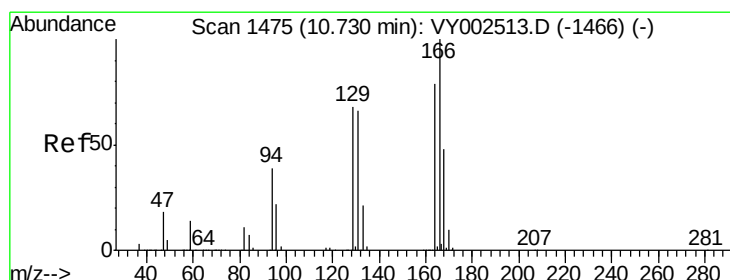
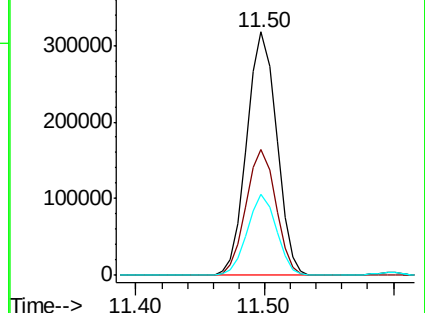
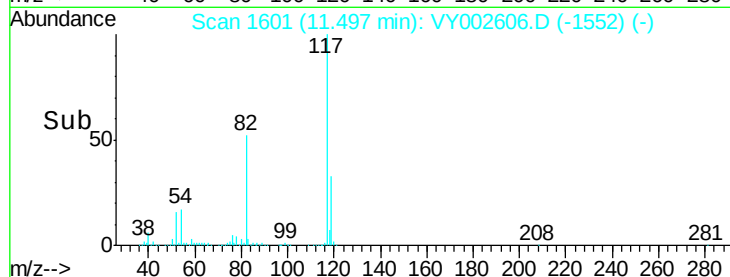
119 33.1 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 3.084 ug/l

RT: 10.72 min Scan# 1474

Delta R.T. -0.01 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Tgt Ion:164 Resp: 13962

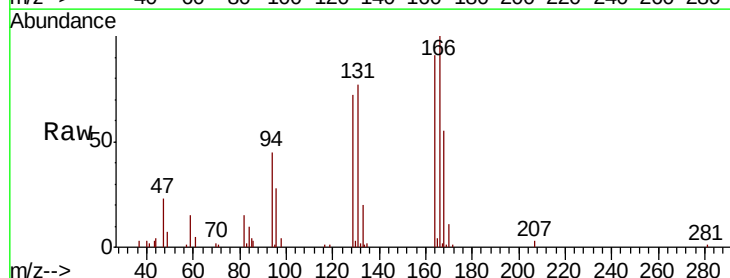
Ion Ratio Lower Upper

164 100

166 110.2 100.7 151.1

129 79.2 68.3 102.5

131 84.3 66.8 100.2

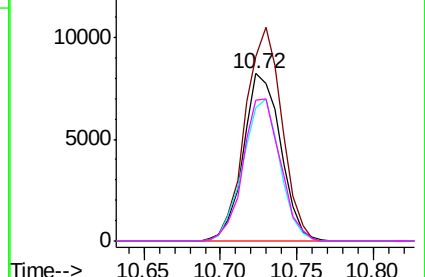
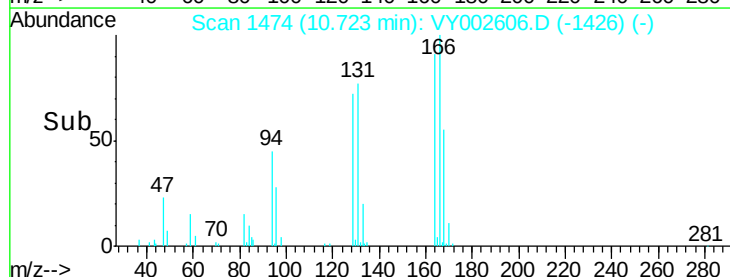


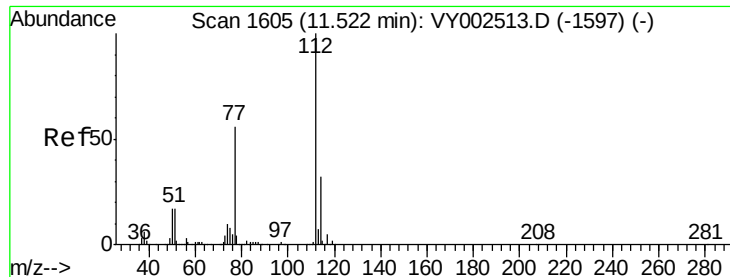
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

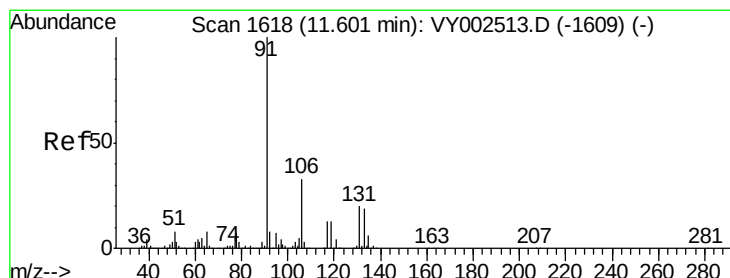
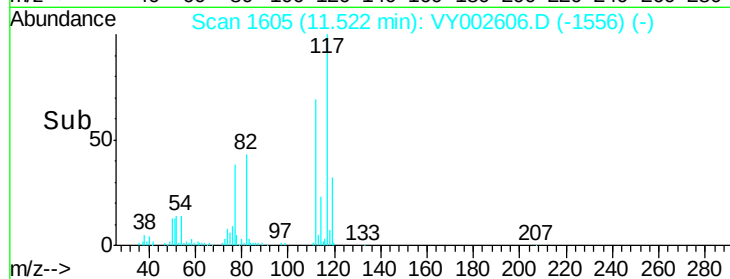
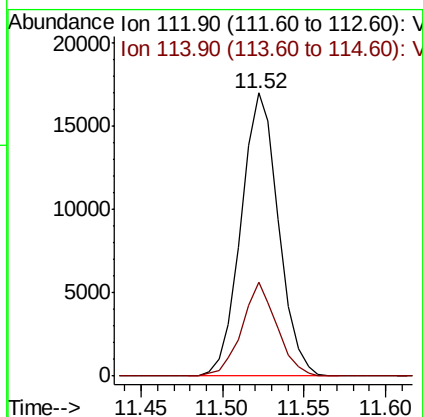
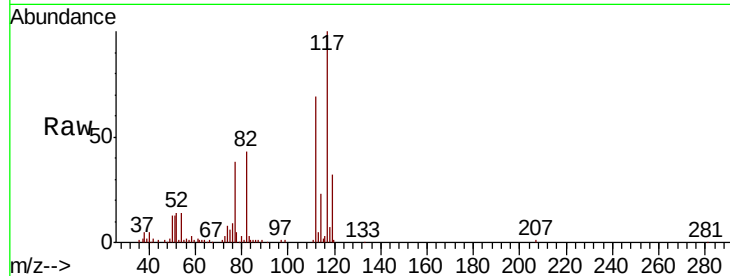




#65
Chlorobenzene
Concen: 2.805 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

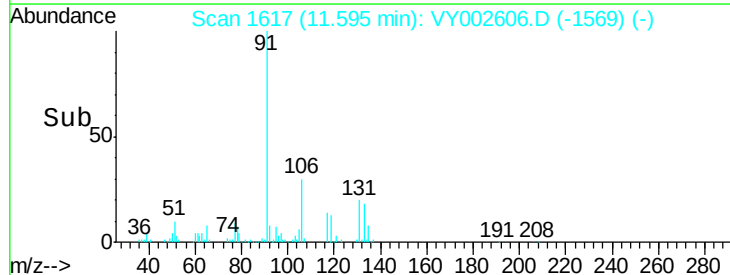
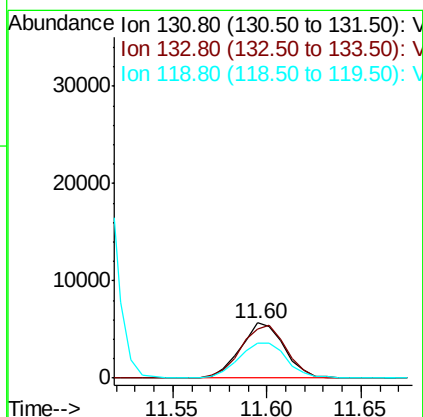
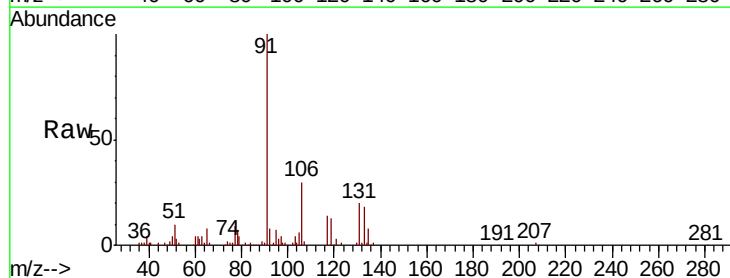
Instrument :
MSVOA_Y
ClientSampleId :

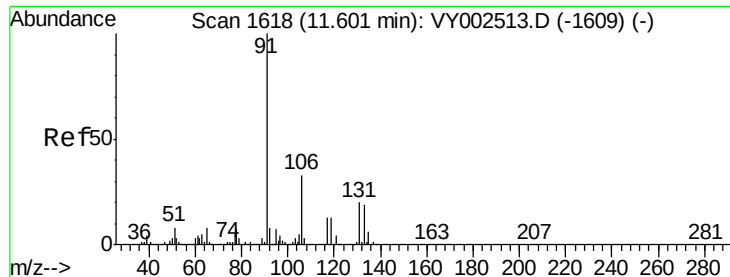
Tot Ion:112 Resp: 27173
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.537 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion:131 Resp: 9121
Ion Ratio Lower Upper
131 100
133 100.7 48.1 144.4
119 70.3 31.6 95.0

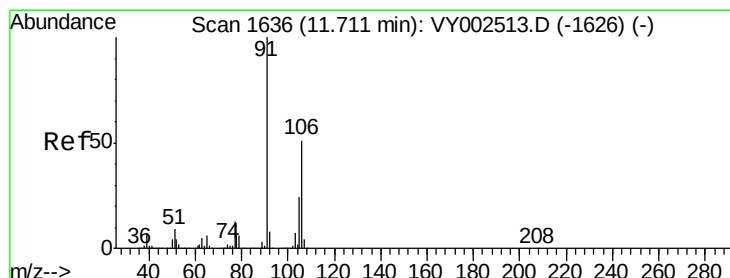
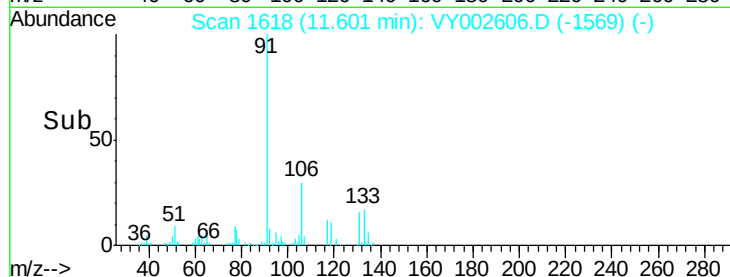
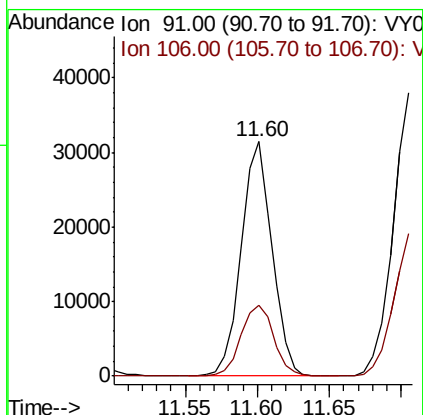
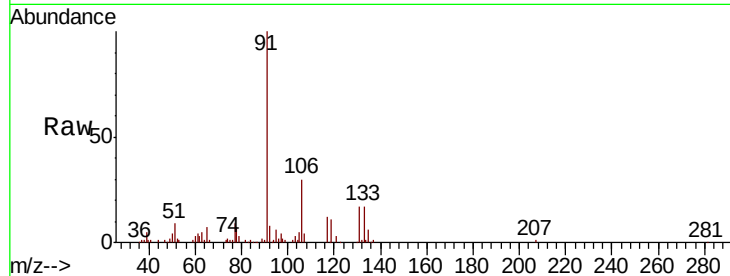




#67
Ethyl Benzene
Concen: 2.743 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

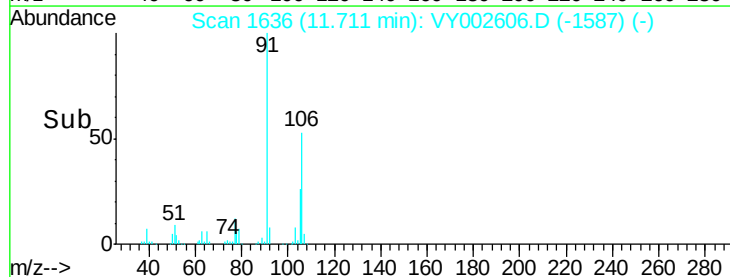
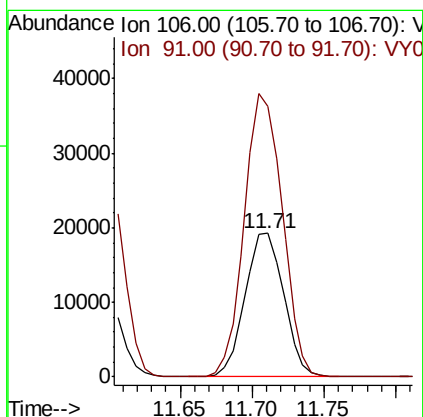
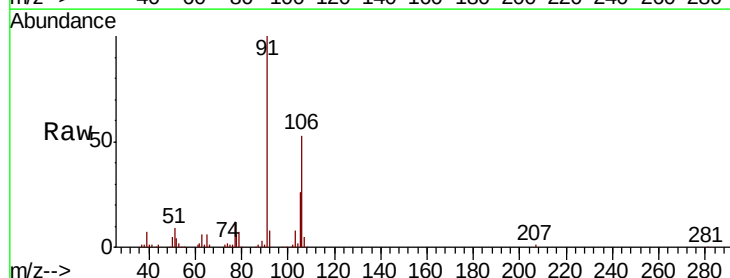
Instrument :
MSVOA_Y
ClientSampleId :

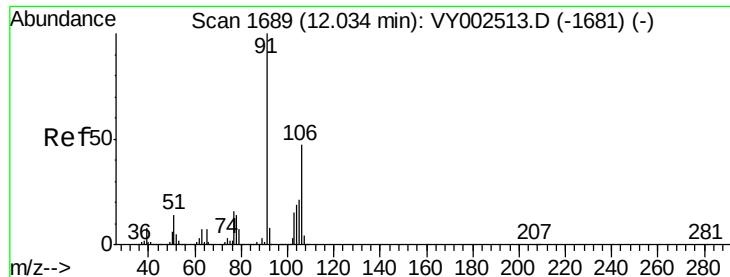
Tot Ion: 91 Resp: 46668
Ion Ratio Lower Upper
91 100
106 30.2 26.1 39.1



#68
m/p-Xylenes
Concen: 5.446 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion: 106 Resp: 35857
Ion Ratio Lower Upper
106 100
91 194.3 155.2 232.8

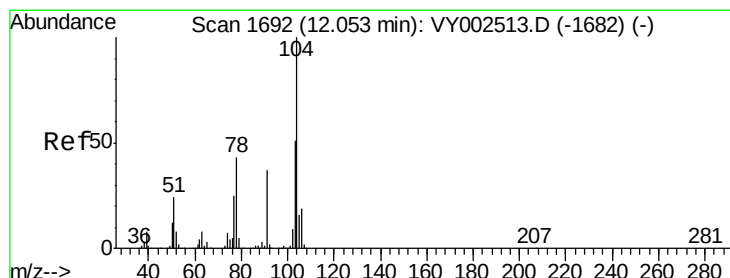
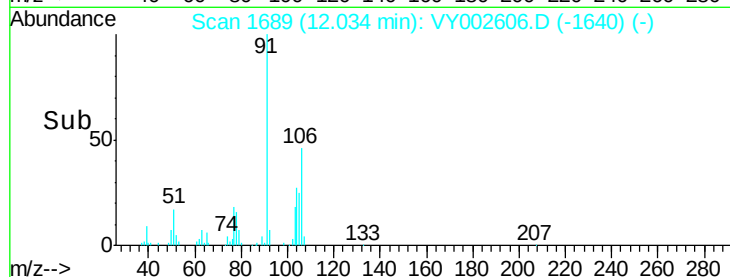
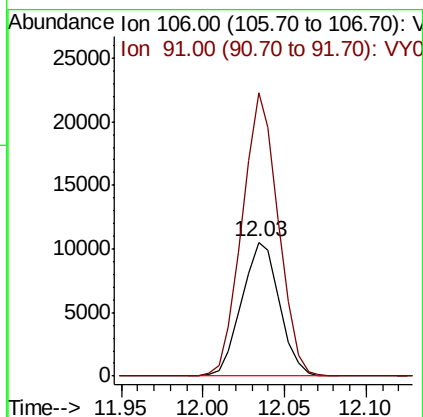
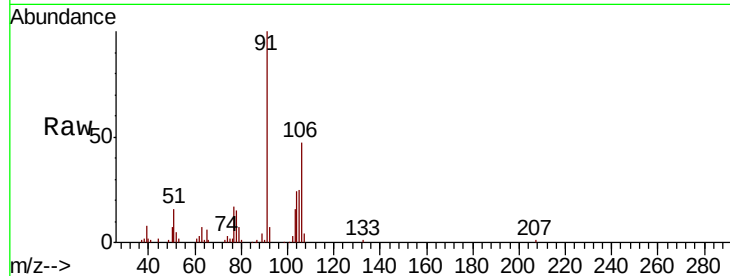




#69
o-Xylene
Concen: 2.742 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

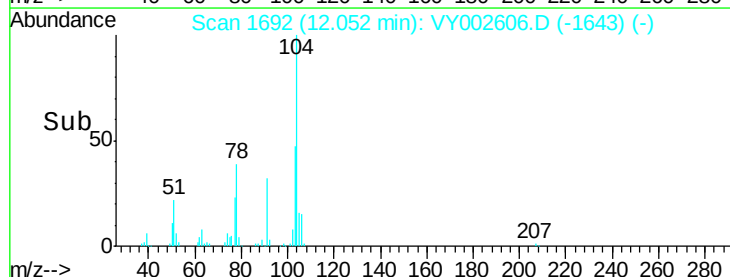
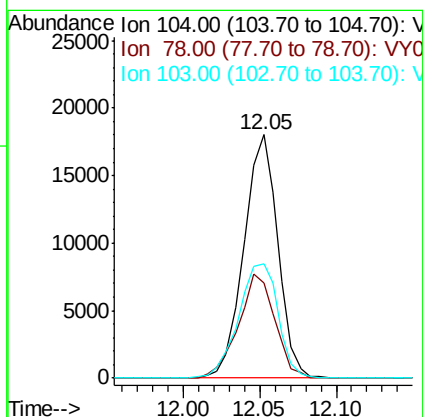
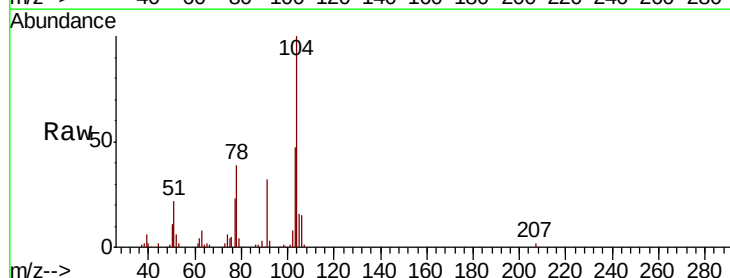
Instrument :
MSVOA_Y
ClientSampled :

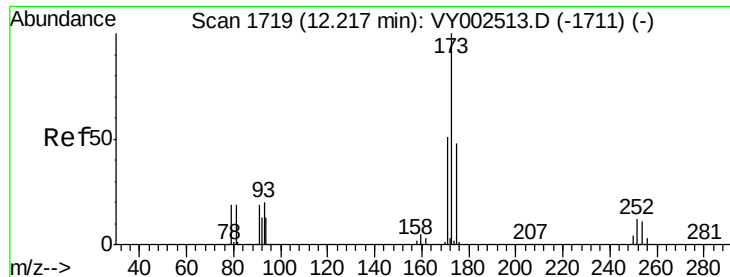
Tot Ion:106 Resp: 16905
Ion Ratio Lower Upper
106 100
91 203.3 103.8 311.3



#70
Styrene
Concen: 2.634 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion:104 Resp: 27760
Ion Ratio Lower Upper
104 100
78 45.8 37.4 56.0
103 54.9 43.9 65.9

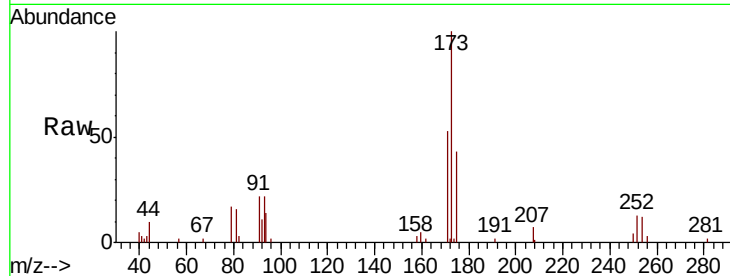




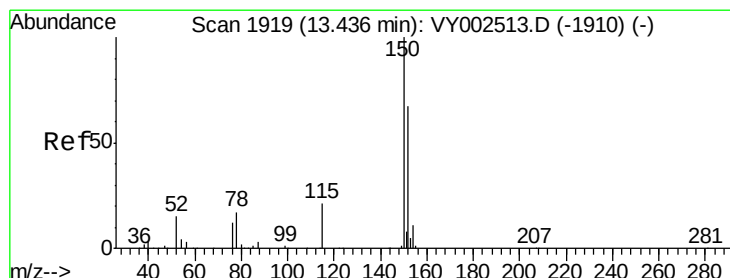
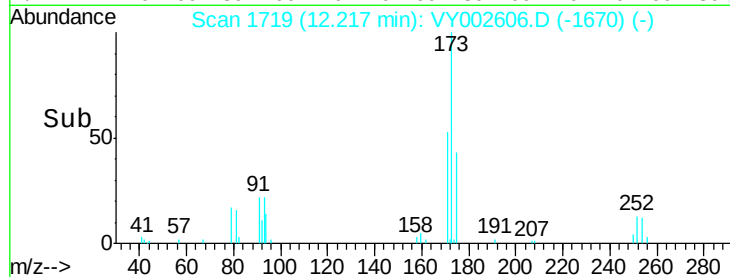
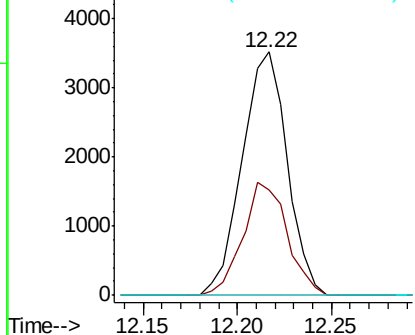
#71
Bromoform
Concen: 2.612 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 5830
Ion Ratio Lower Upper
173 100
175 45.7 24.3 72.8
254 0.0 0.2 0.2#

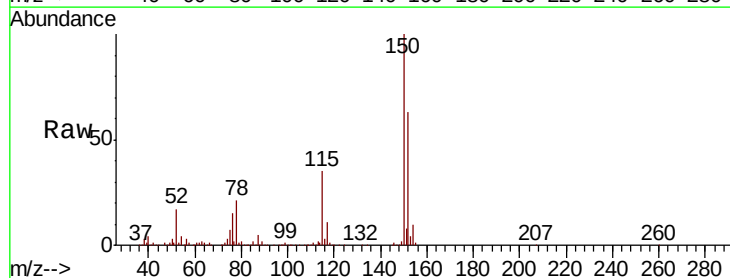


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

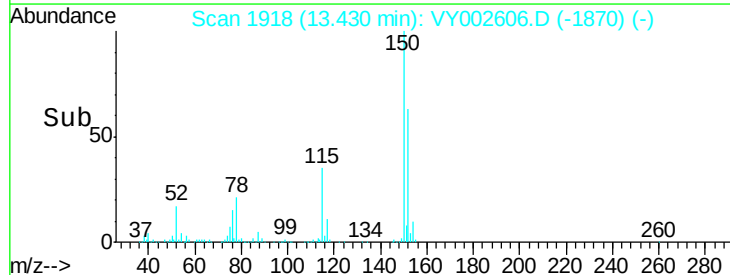
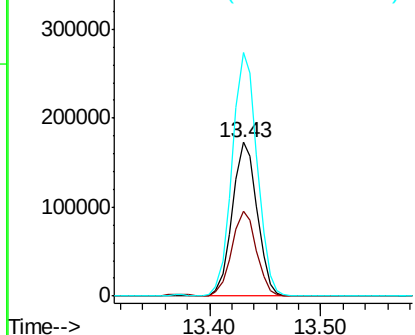


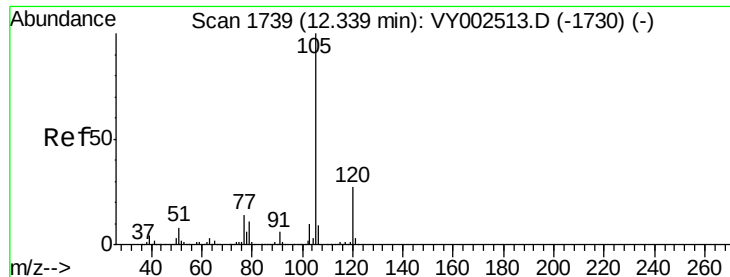
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion:152 Resp: 266622
Ion Ratio Lower Upper
152 100
115 54.8 27.5 82.4
150 159.2 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.688 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

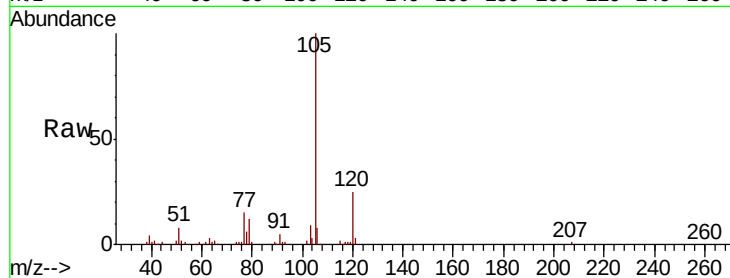
ClientSampleId :

Tot Ion:105 Resp: 46449

Ion Ratio Lower Upper

105 100

120 26.7 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.34

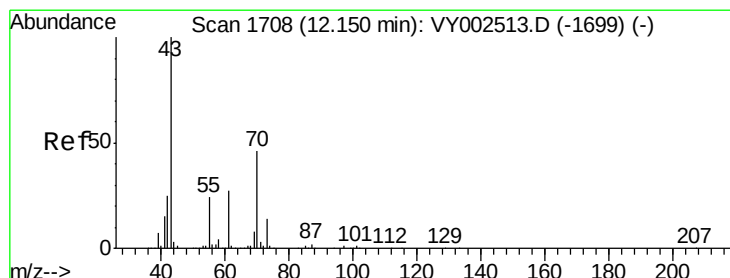
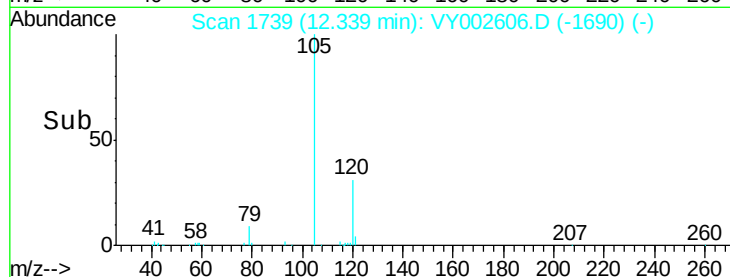
30000

20000

10000

0

Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 2.589 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Tgt Ion: 43 Resp: 10763

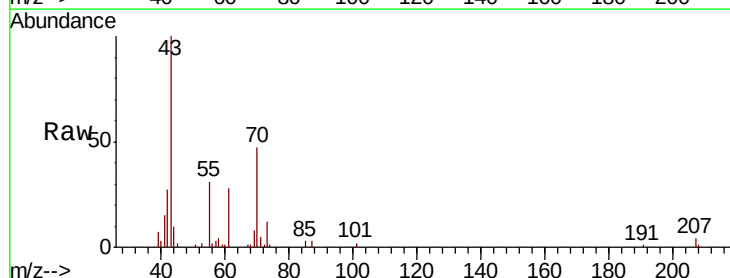
Ion Ratio Lower Upper

43 100

70 46.7 36.7 55.1

55 27.1 19.2 28.8

61 27.0 21.1 31.7



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

12000

10000

8000

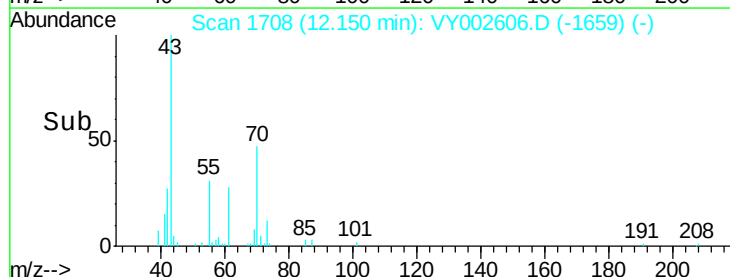
6000

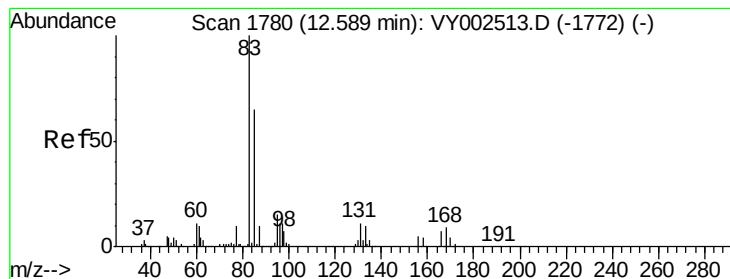
4000

2000

0

Time--> 12.05 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 2.466 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

ClientSampleId :

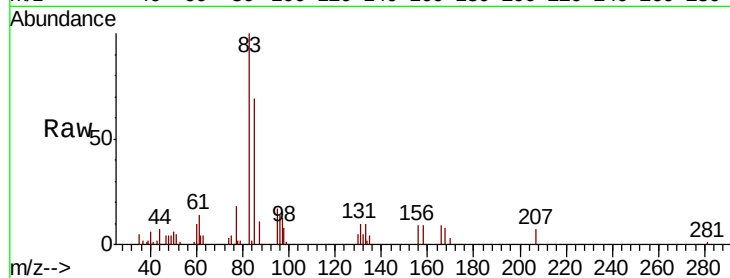
Tot Ion: 83 Resp: 6778

Ion Ratio Lower Upper

83 100

131 10.9 5.9 17.8

85 65.0 31.9 95.9

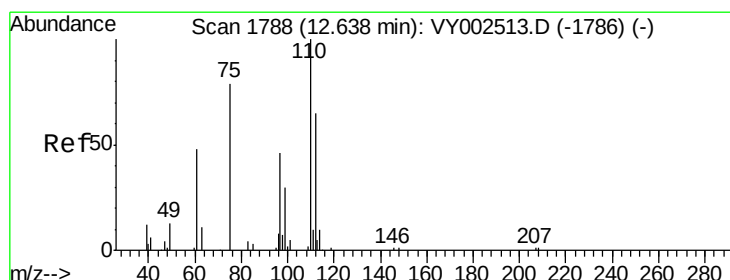
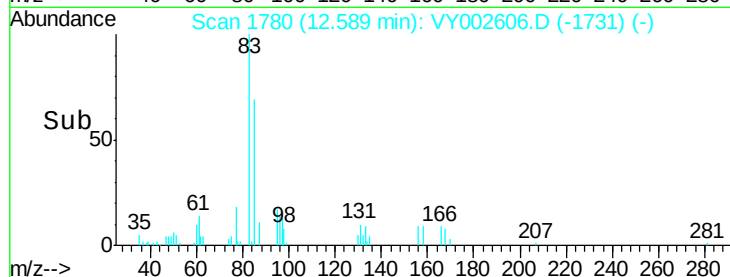


Abundance Ion 82.90 (82.60 to 83.60): VY002606.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY002606.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY002606.D (-1731) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 4.689 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002606.D

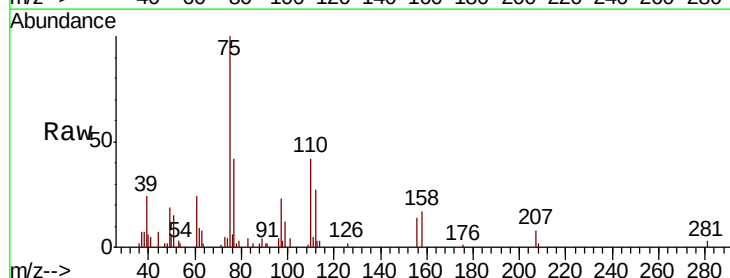
Acq: 06 May 2020 11:42

Tgt Ion: 75 Resp: 11109

Ion Ratio Lower Upper

75 100

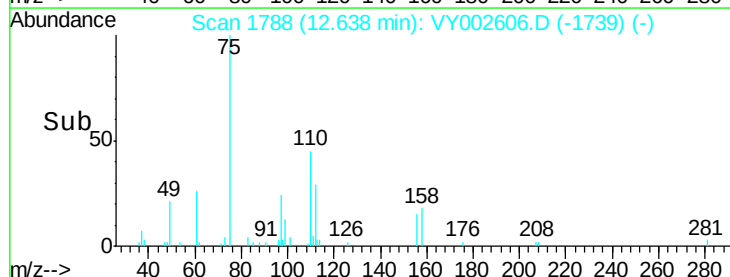
77 0.0 0.0 0.0

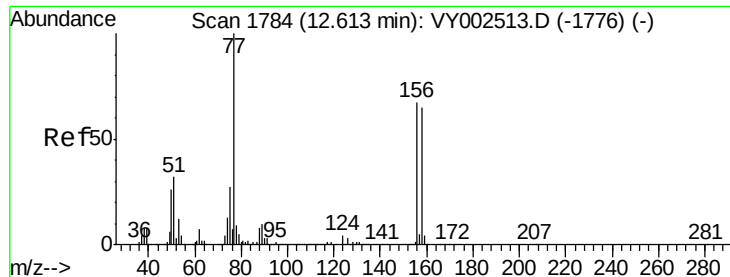


Abundance Ion 74.90 (74.60 to 75.60): VY002606.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY002606.D (-1739) (-)

Time-->





#77

Bromobenzene

Concen: 2.790 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

ClientSampled :

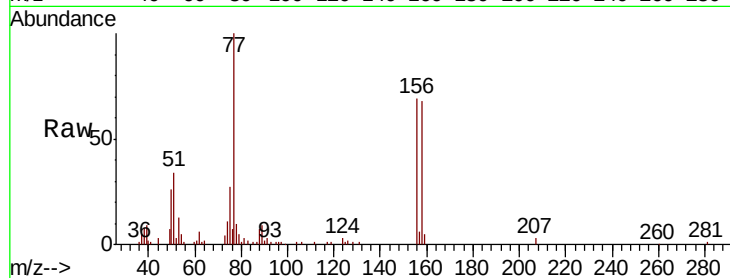
Tot Ion:156 Resp: 12043

Ion Ratio Lower Upper

156 100

77 162.2 82.0 245.8

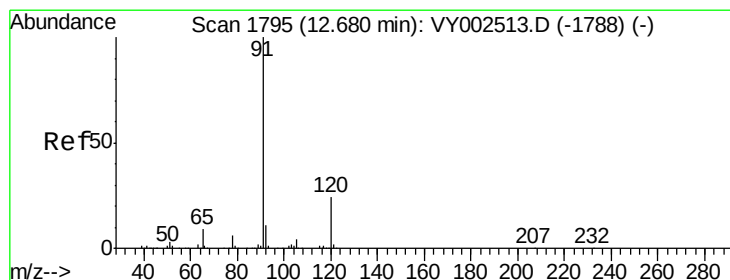
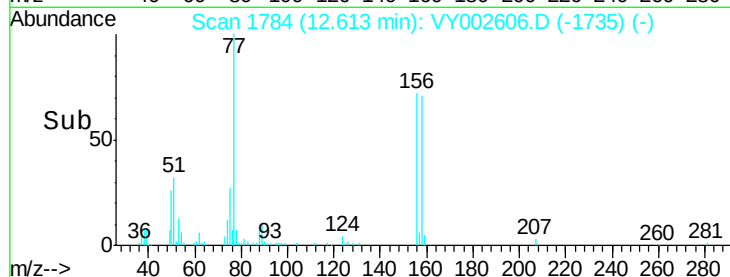
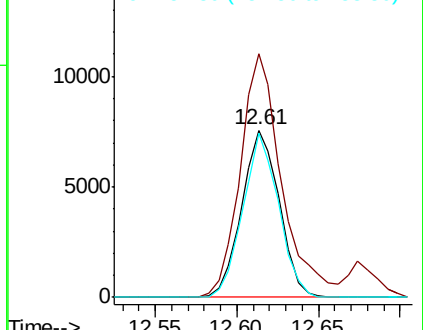
158 93.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.717 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002606.D

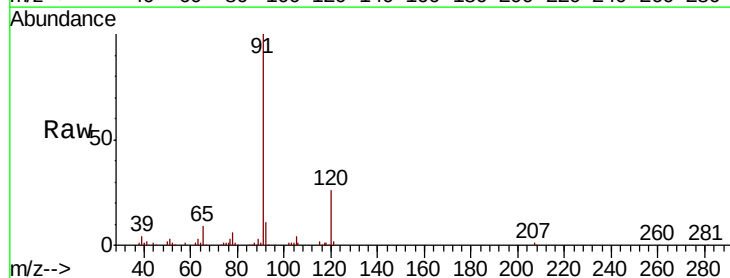
Acq: 06 May 2020 11:42

Tgt Ion: 91 Resp: 54493

Ion Ratio Lower Upper

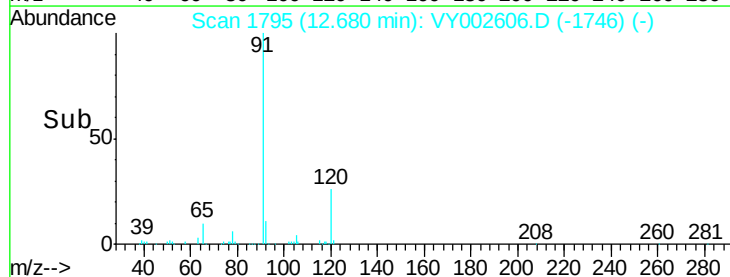
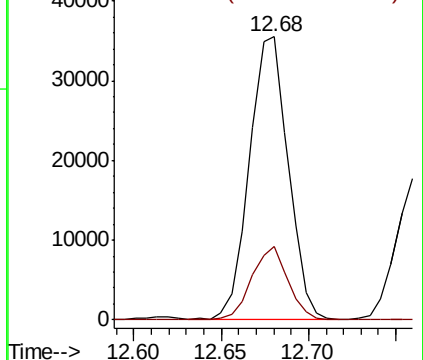
91 100

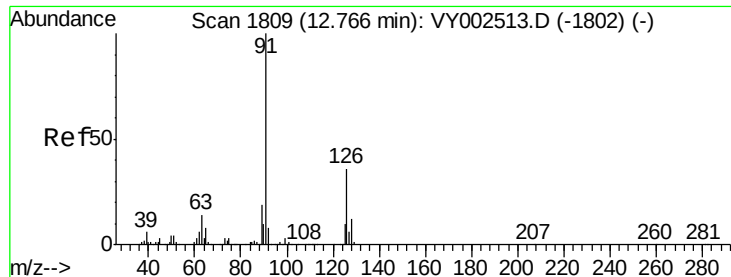
120 24.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.735 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

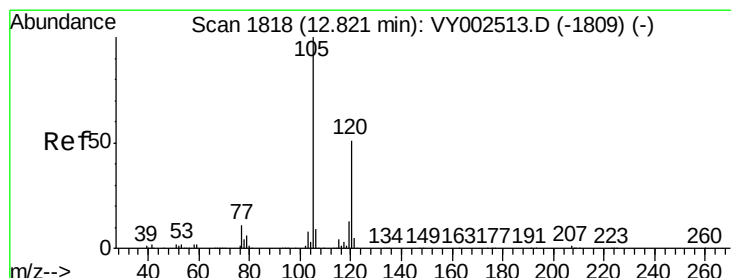
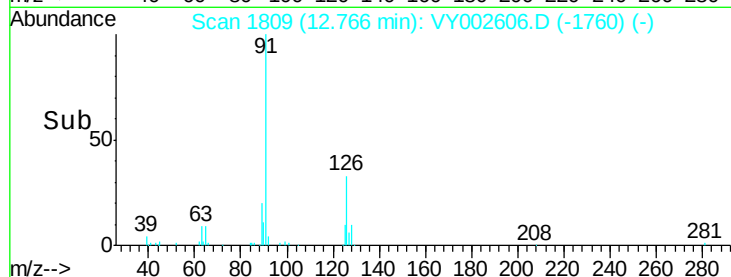
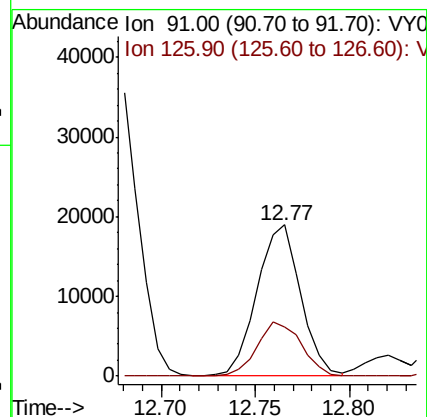
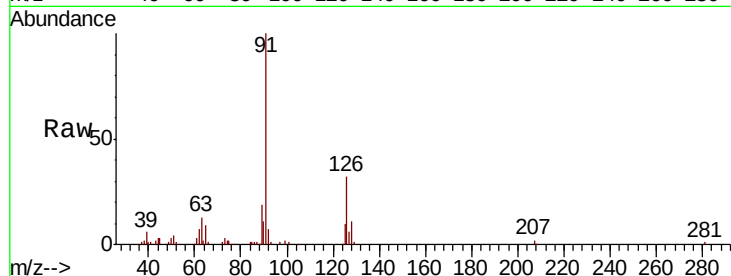
ClientSampleId :

Tot Ion: 91 Resp: 30384

Ion Ratio Lower Upper

91 100

126 36.3 18.4 55.2



#80

1,3,5-Trimethylbenzene

Concen: 2.696 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002606.D

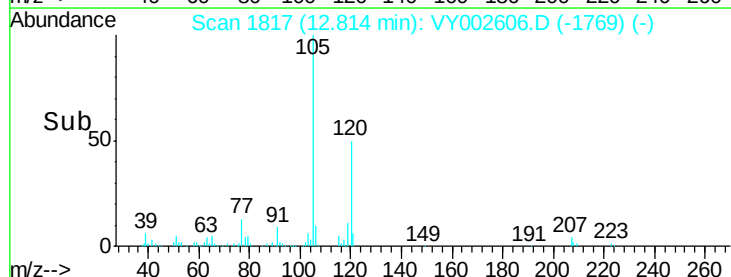
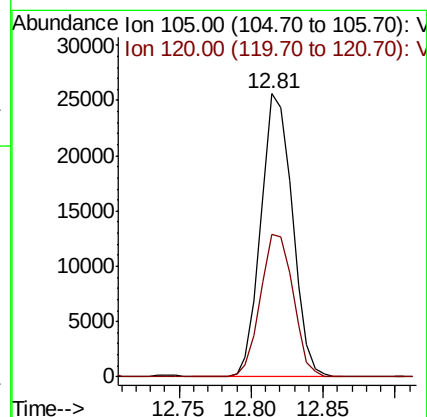
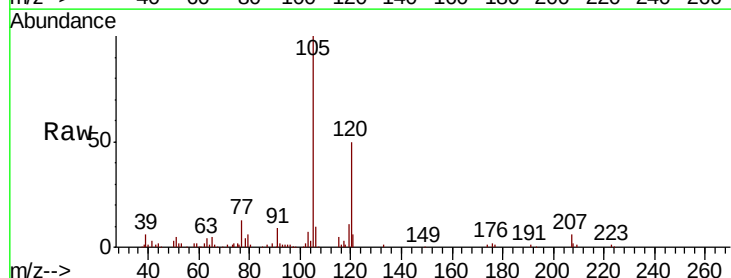
Acq: 06 May 2020 11:42

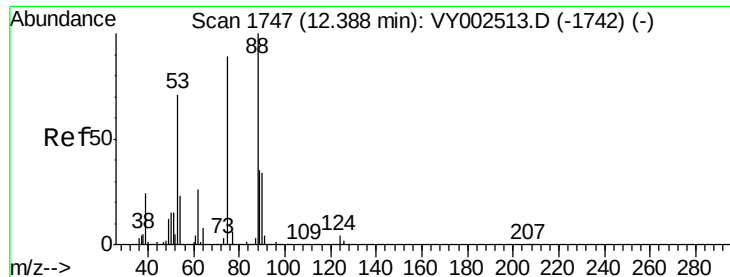
Tgt Ion: 105 Resp: 38618

Ion Ratio Lower Upper

105 100

120 52.4 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 91.548 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

ClientSampleId :

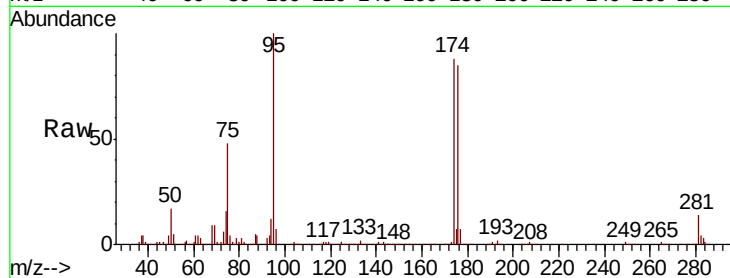
Tot Ion: 75 Resp: 108175

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.0#

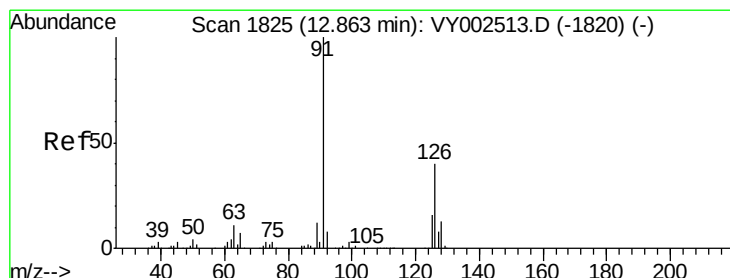
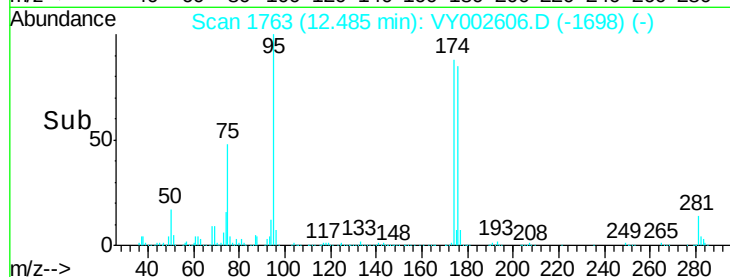
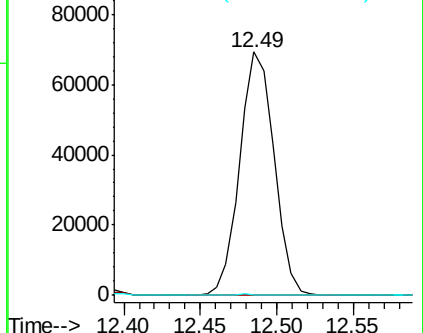
89 0.2 37.4 56.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 2.743 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002606.D

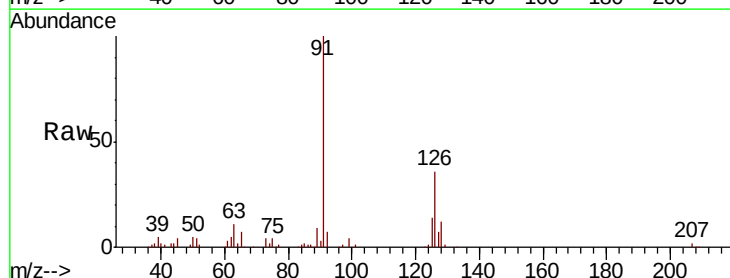
Acq: 06 May 2020 11:42

Tgt Ion: 91 Resp: 32008

Ion Ratio Lower Upper

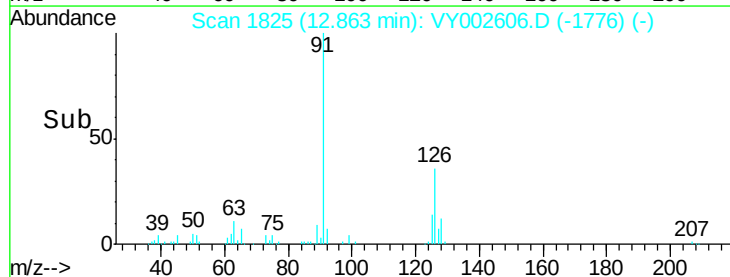
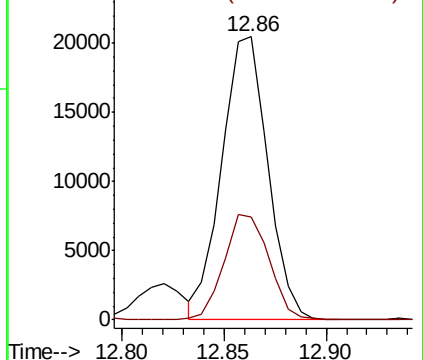
91 100

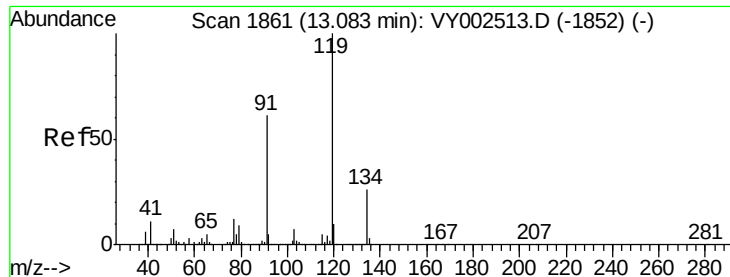
126 36.4 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

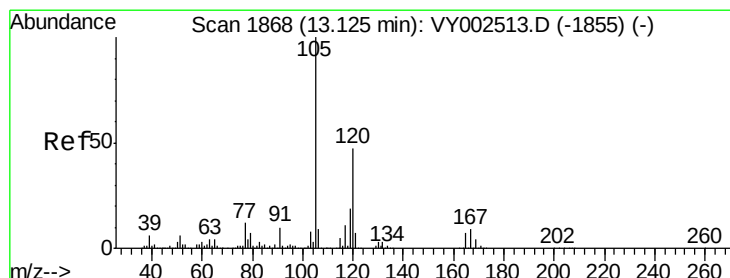
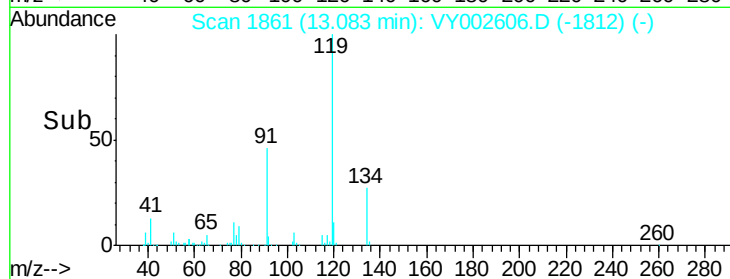
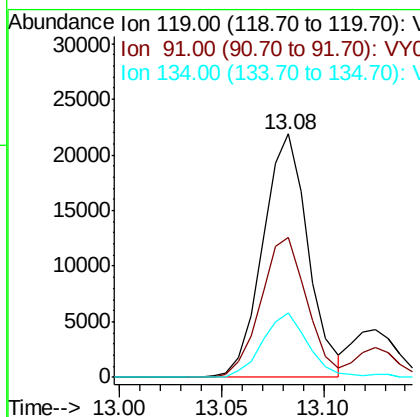
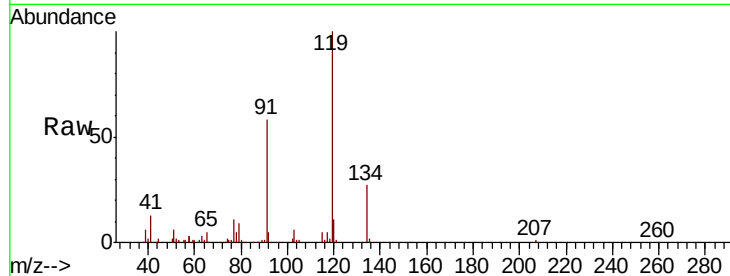




#83
tert-Butylbenzene
Concen: 2.696 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

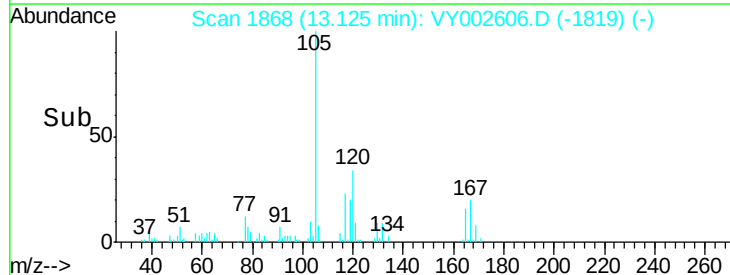
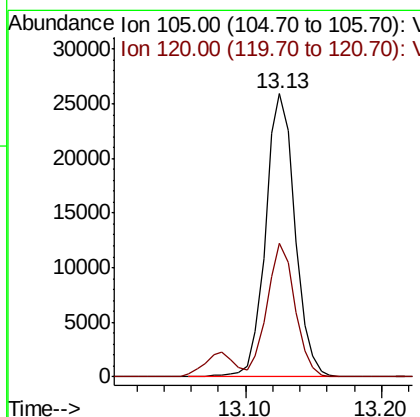
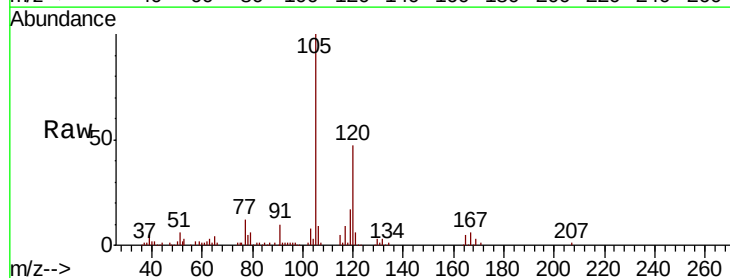
Instrument :
MSVOA_Y
ClientSampled :

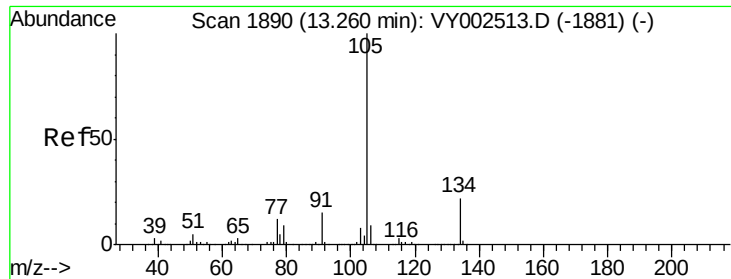
Tot Ion:119 Resp: 33863
Ion Ratio Lower Upper
119 100
91 58.7 30.6 91.6
134 27.1 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 2.751 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion:105 Resp: 39266
Ion Ratio Lower Upper
105 100
120 44.8 23.4 70.3





#85

sec-Butylbenzene

Concen: 2.750 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

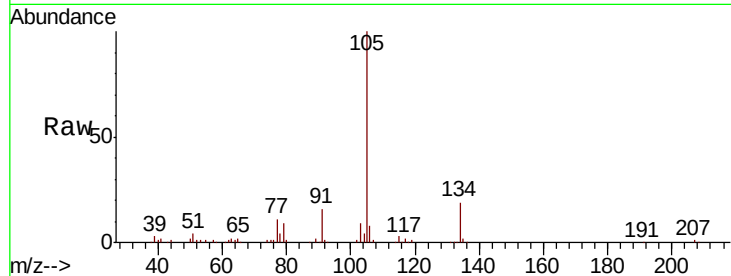
ClientSampleId :

Tot Ion:105 Resp: 47933

Ion Ratio Lower Upper

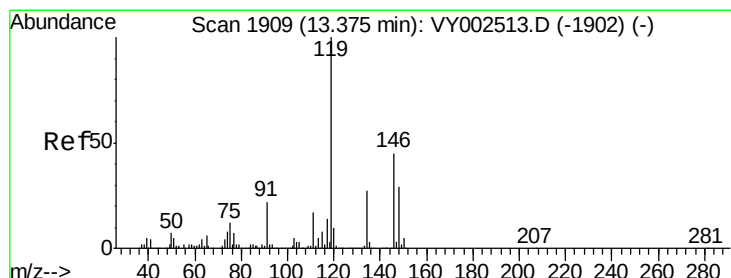
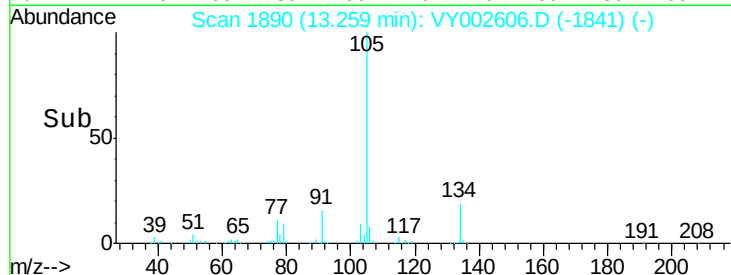
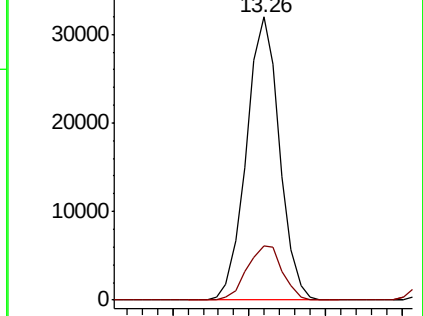
105 100

134 20.4 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.710 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

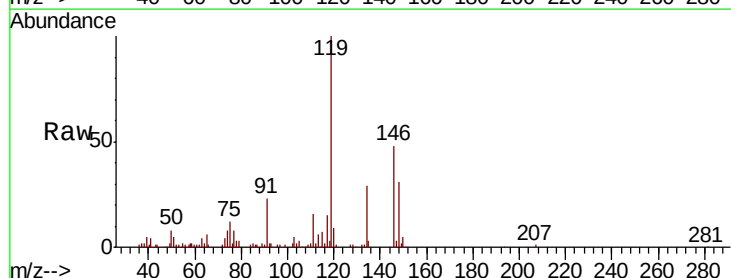
Tgt Ion:119 Resp: 44245

Ion Ratio Lower Upper

119 100

134 28.0 13.5 40.5

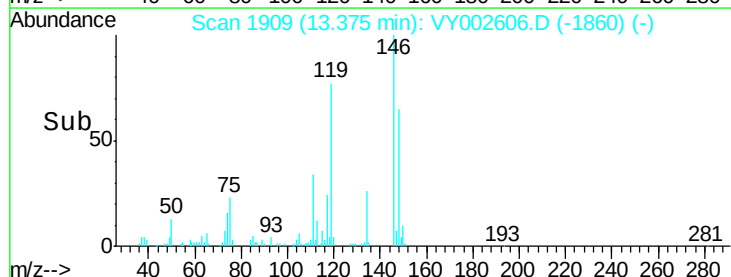
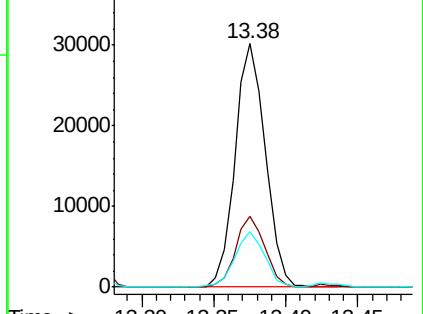
91 22.4 10.9 32.9

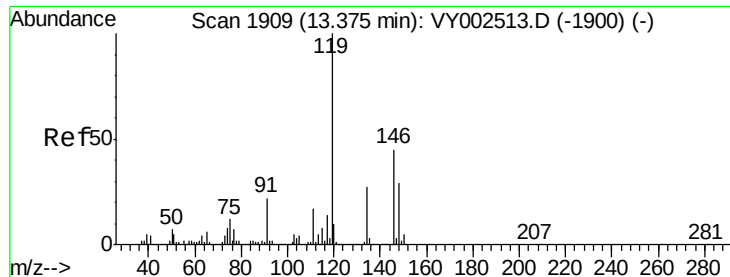


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 2.771 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

ClientSampled :

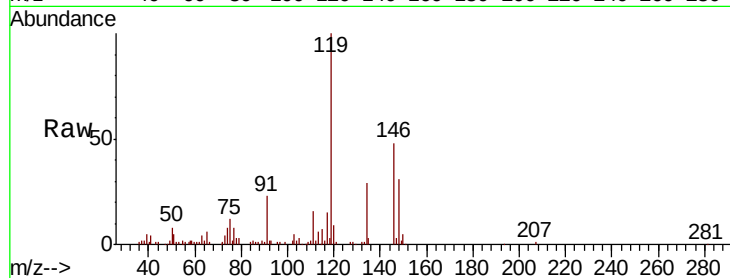
Tot Ion:146 Resp: 22639

Ion Ratio Lower Upper

146 100

111 37.9 18.8 56.3

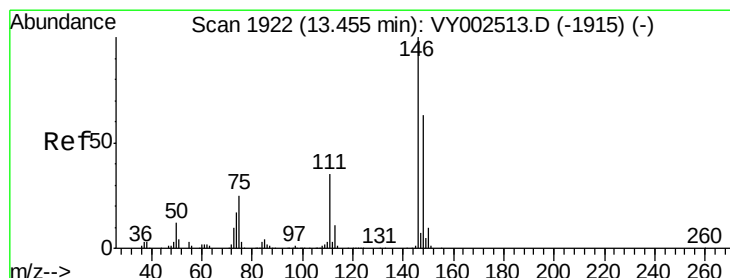
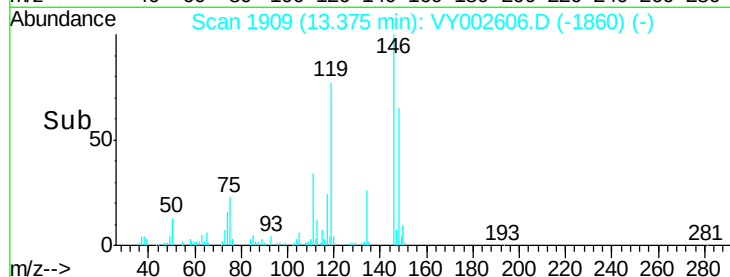
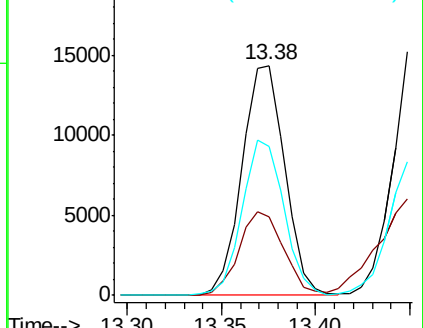
148 66.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 2.912 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

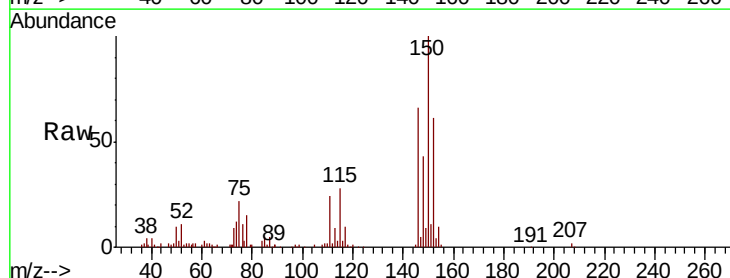
Tgt Ion:146 Resp: 23560

Ion Ratio Lower Upper

146 100

111 50.4 18.1 54.1

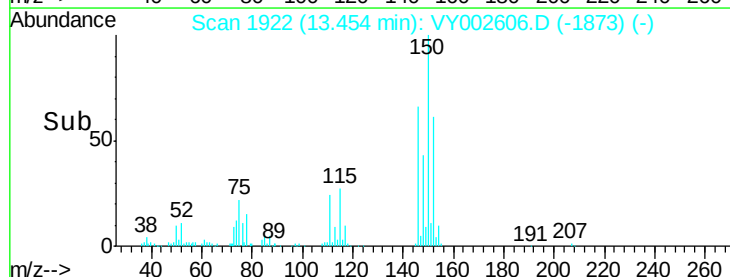
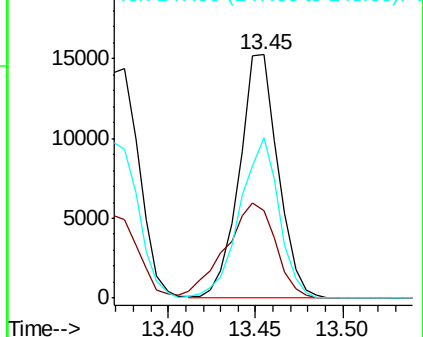
148 66.6 31.9 95.5

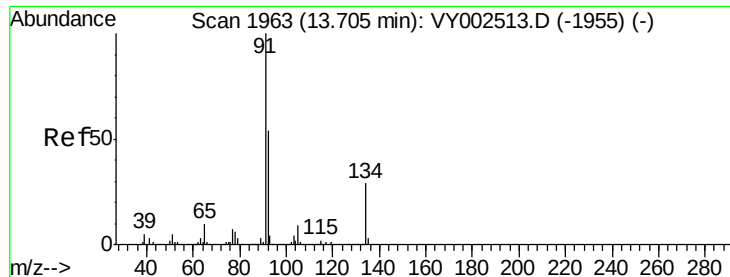


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 2.781 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002606.D

Acq: 06 May 2020 11:42

Instrument :

MSVOA_Y

ClientSampleId :

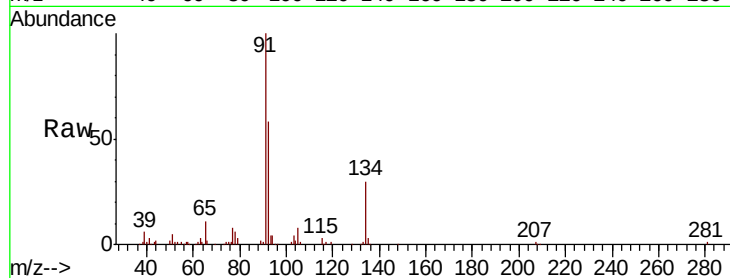
Tot Ion: 91 Resp: 41341

Ion Ratio Lower Upper

91 100

92 54.3 27.1 81.3

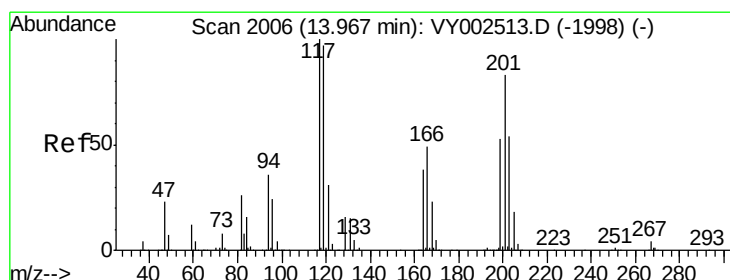
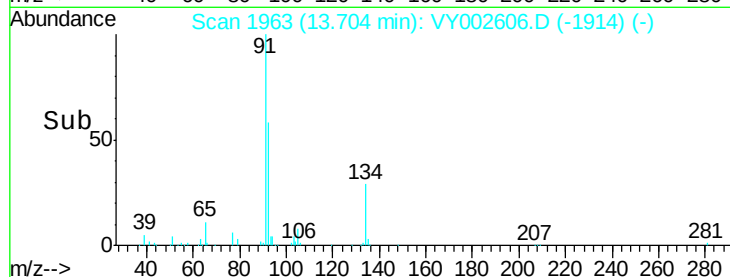
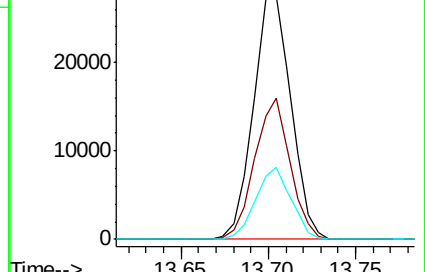
134 27.7 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VY002606.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002606.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002606.D (-1955) (-)



#90

Hexachloroethane

Concen: 2.746 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY002606.D

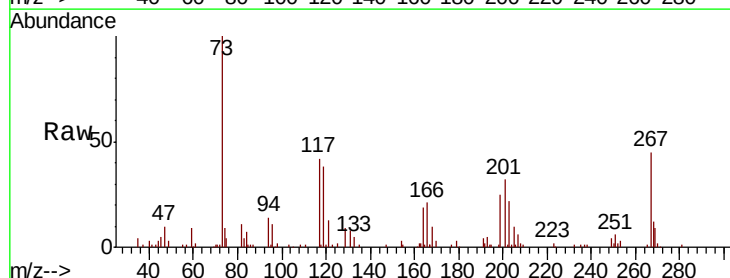
Acq: 06 May 2020 11:42

Tgt Ion: 117 Resp: 8166

Ion Ratio Lower Upper

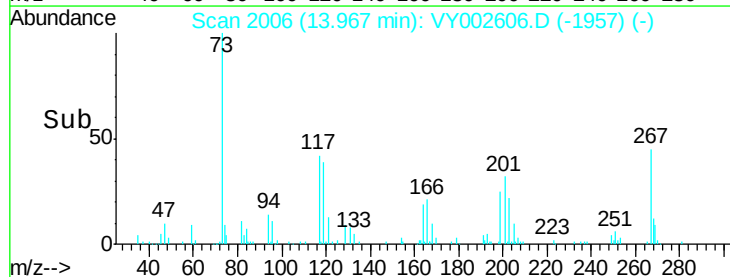
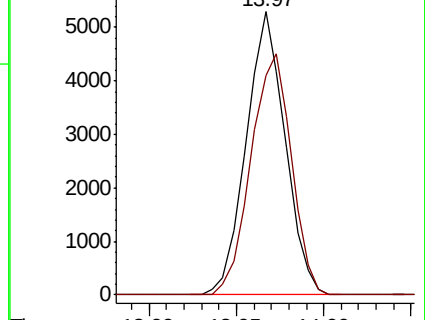
117 100

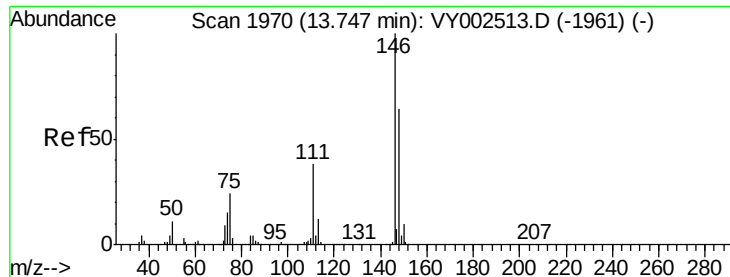
201 88.7 44.4 133.2



Abundance Ion 116.80 (116.50 to 117.50): VY002606.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY002606.D (-1957) (-)

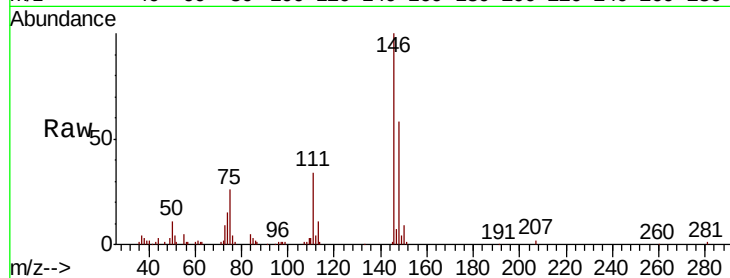




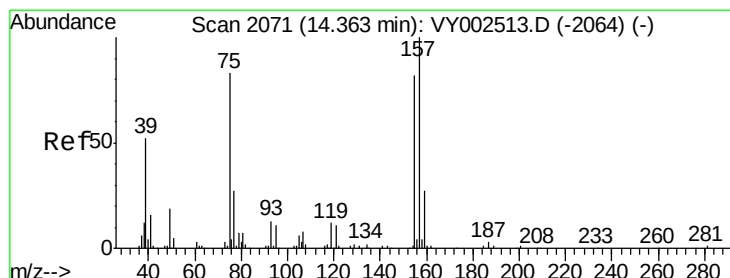
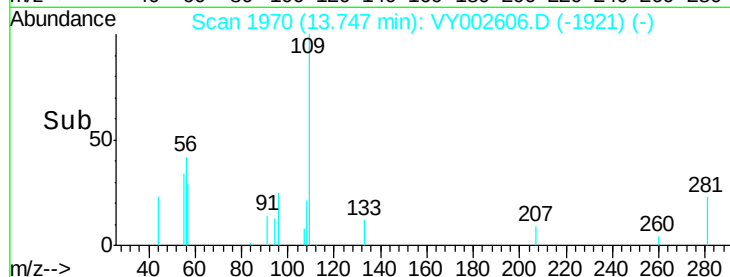
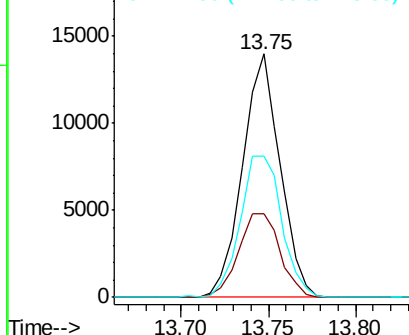
#91
 1,2-Dichlorobenzene
 Concen: 2.856 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002606.D
 Acq: 06 May 2020 11:42

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	64.4	31.9	95.7

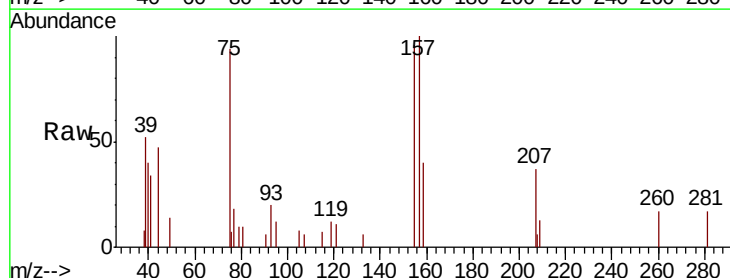


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

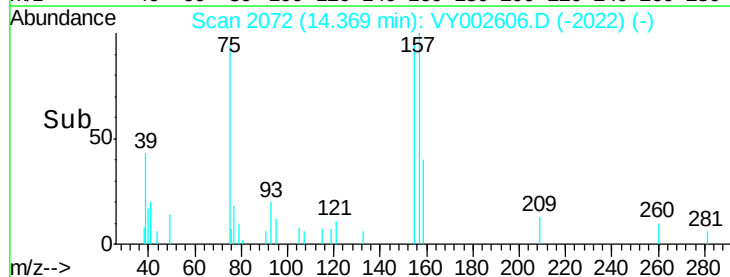
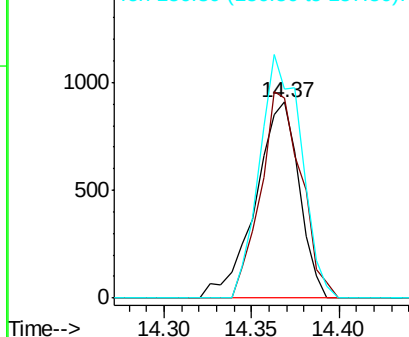


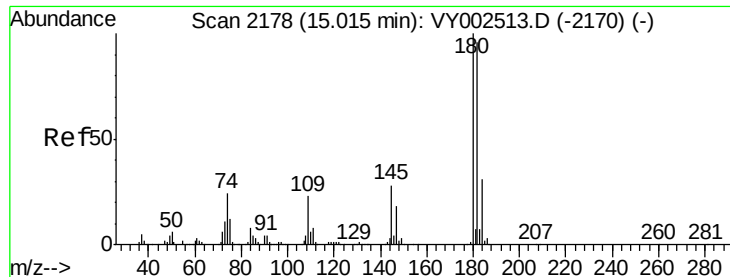
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.106 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002606.D
 Acq: 06 May 2020 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	51.3	153.9
157	118.1	65.0	195.0



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

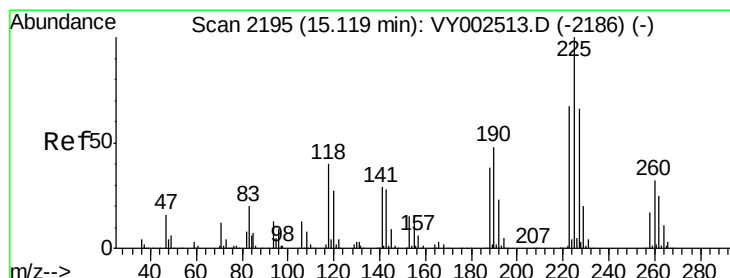
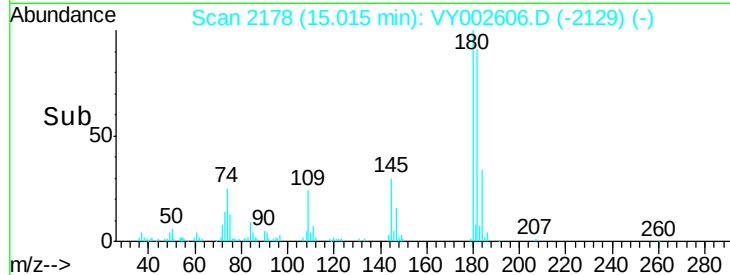
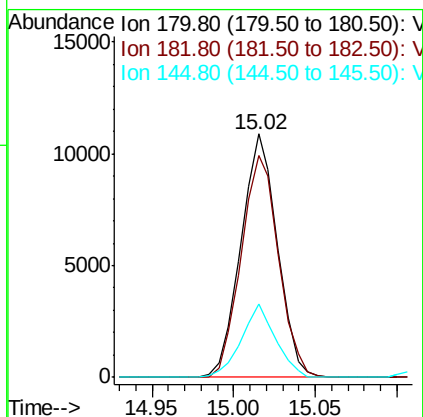
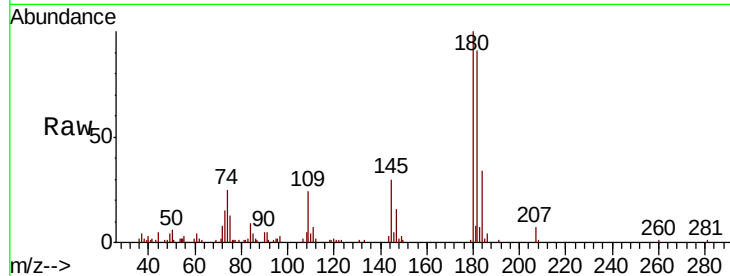




#93
 1,2,4-Trichlorobenzene
 Concen: 3.199 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002606.D
 Acq: 06 May 2020 11:42

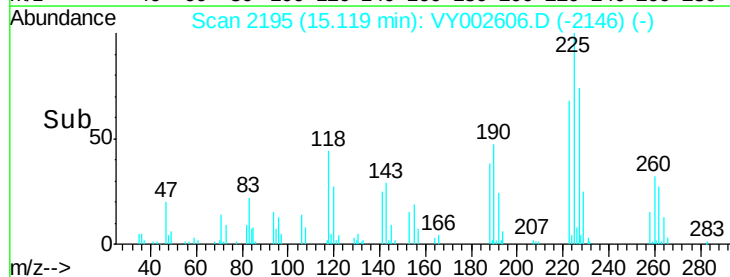
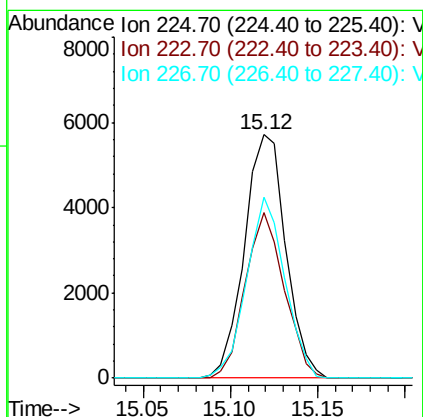
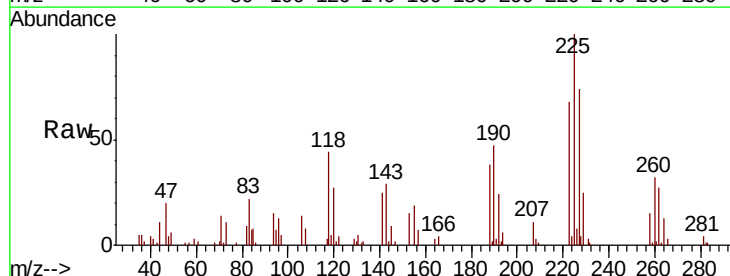
Instrument :
 MSVOA_Y
 ClientSampleId :

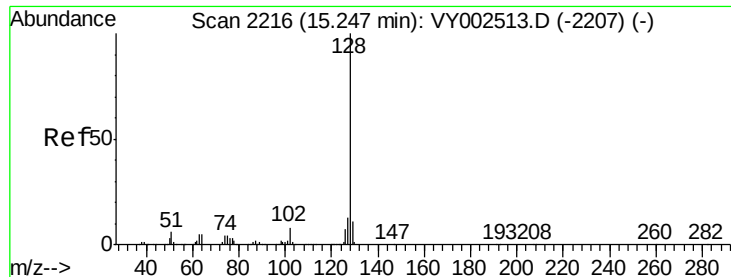
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.9	143.6
145	28.6	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 2.952 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002606.D
 Acq: 06 May 2020 11:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.1	96.5
227	69.0	32.0	96.2

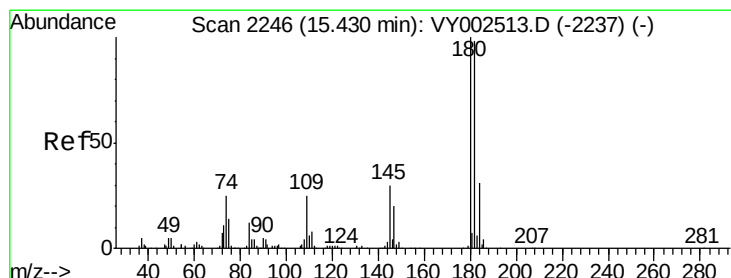
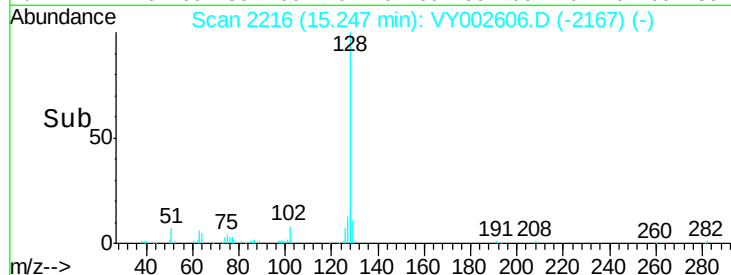
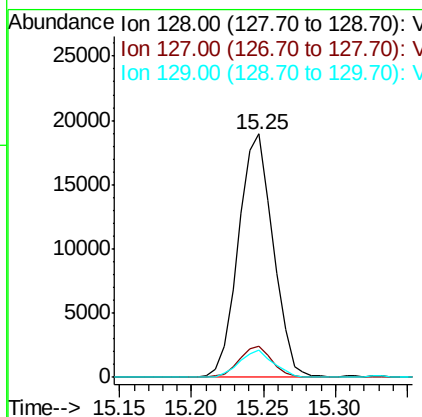
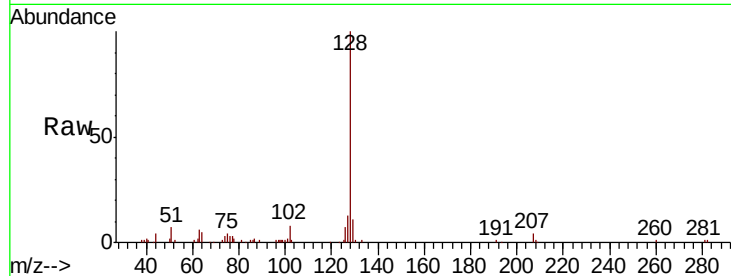




#95
Naphthalene
Concen: 3.284 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 31716
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 3.458 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002606.D
Acq: 06 May 2020 11:42

Tgt Ion:180 Resp: 15537
Ion Ratio Lower Upper
180 100
182 92.7 47.9 143.8
145 33.0 15.0 45.1

