

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003028.D
 Acq On : 30 Jun 2020 11:41
 Operator : SY/MD
 Sample : VY0630SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 05:07:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	526181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	766227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	692638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	366885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	242425	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
35) Dibromofluoromethane	7.72	113	227047	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
50) Toluene-d8	10.18	98	850709	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	12.48	95	300238	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	69522	17.446	ug/l	97
3) Chloromethane	2.11	50	93150	15.963	ug/l	98
4) Vinyl Chloride	2.26	62	106923	18.784	ug/l	95
5) Bromomethane	2.65	94	76424	19.775	ug/l	95
6) Chloroethane	2.79	64	69976	19.325	ug/l	95
7) Trichlorofluoromethane	3.13	101	154266	19.202	ug/l	99
8) Diethyl Ether	3.54	74	50906	18.483	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	94767	19.755	ug/l	98
10) Methyl Iodide	4.10	142	110988	18.659	ug/l	100
11) Tert butyl alcohol	4.97	59	57596	108.142	ug/l	97
12) 1,1-Dichloroethene	3.88	96	88615	19.415	ug/l	93
13) Acrolein	3.74	56	47431	99.156	ug/l	98
14) Allyl chloride	4.49	41	144008	18.071	ug/l	98
15) Acrylonitrile	5.17	53	134892	95.031	ug/l	100
16) Acetone	3.96	43	113023	91.699	ug/l	96
17) Carbon Disulfide	4.20	76	274308	18.810	ug/l	96
18) Methyl Acetate	4.49	43	60605	18.251	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	259265	19.487	ug/l	96
20) Methylene Chloride	4.73	84	166383	27.051	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	101009	19.565	ug/l	97
22) Diisopropyl ether	6.13	45	310913	18.203	ug/l	98
23) Vinyl Acetate	6.07	43	1043302	91.365	ug/l	99
24) 1,1-Dichloroethane	6.03	63	176124	18.877	ug/l	99
25) 2-Butanone	7.00	43	186633	95.323	ug/l	100
26) 2,2-Dichloropropane	6.99	77	165606	19.536	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	114282	19.735	ug/l	97
28) Bromochloromethane	7.34	49	71211	17.154	ug/l	93
29) Tetrahydrofuran	7.35	42	120668	92.678	ug/l	96
30) Chloroform	7.52	83	175919	19.032	ug/l	99
31) Cyclohexane	7.79	56	169234	18.412	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	162651	19.278	ug/l	99
36) 1,1-Dichloropropene	7.92	75	142501	19.308	ug/l	99
37) Ethyl Acetate	7.08	43	81281	18.316	ug/l	97
38) Carbon Tetrachloride	7.91	117	147645	19.227	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	9.19	83	178716	19.530	ug/l	99
40) Benzene	8.16	78	390603	19.331	ug/l	98
41) Methacrylonitrile	7.35	41	113305	47.798	ug/l #	20
42) 1,2-Dichloroethane	8.24	62	122999	19.242	ug/l	100
43) Isopropyl Acetate	8.28	43	158334	18.768	ug/l	98
44) Trichloroethene	8.94	130	116523	19.840	ug/l	98
45) 1,2-Dichloropropane	9.22	63	102864	18.922	ug/l	98
46) Dibromomethane	9.31	93	58726	19.342	ug/l	98
47) Bromodichloromethane	9.50	83	143113	19.250	ug/l	97
48) Methyl methacrylate	9.30	41	68812	17.920	ug/l	92
49) 1,4-Dioxane	9.30	88	15952	430.404	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	405717	93.049	ug/l	97
52) Toluene	10.24	92	247666	19.471	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	148101	19.001	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	169576	19.023	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	83378	19.762	ug/l	98
56) Ethyl methacrylate	10.51	69	118822	19.456	ug/l	96
57) 1,3-Dichloropropane	10.79	76	145334	19.622	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	269048	85.895	ug/l	98
59) 2-Hexanone	10.83	43	292371	95.932	ug/l	99
60) Dibromochloromethane	10.99	129	105868	19.608	ug/l	100
61) 1,2-Dibromoethane	11.09	107	80184	19.278	ug/l	99
64) Tetrachloroethene	10.72	164	116926	19.946	ug/l	96
65) Chlorobenzene	11.52	112	270130	19.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	105771	19.836	ug/l	99
67) Ethyl Benzene	11.59	91	485753	19.441	ug/l	98
68) m/p-Xylenes	11.70	106	363043	39.041	ug/l	99
69) o-Xylene	12.03	106	173724	19.825	ug/l	98
70) Styrene	12.05	104	291827	19.494	ug/l	99
71) Bromoform	12.21	173	70262	19.761	ug/l	99
73) Isopropylbenzene	12.33	105	475383	19.798	ug/l	100
74) N-amyl acetate	12.14	43	146926	18.796	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	97203	20.060	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	134355	37.002	ug/l #	100
77) Bromobenzene	12.61	156	120985	19.652	ug/l	99
78) n-propylbenzene	12.67	91	568246	19.678	ug/l	99
79) 2-Chlorotoluene	12.75	91	318682	19.771	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	396718	19.689	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	36957	19.802	ug/l	92
82) 4-Chlorotoluene	12.85	91	333313	19.862	ug/l	100
83) tert-Butylbenzene	13.08	119	347612	19.648	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	398612	19.633	ug/l	99
85) sec-Butylbenzene	13.25	105	483471	19.826	ug/l	100
86) p-Isopropyltoluene	13.37	119	442501	19.583	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	225812	19.646	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	224433	19.802	ug/l	99
89) n-Butylbenzene	13.70	91	432789	20.018	ug/l	99
90) Hexachloroethane	13.96	117	87579	19.518	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	205137	19.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17048	19.875	ug/l	96

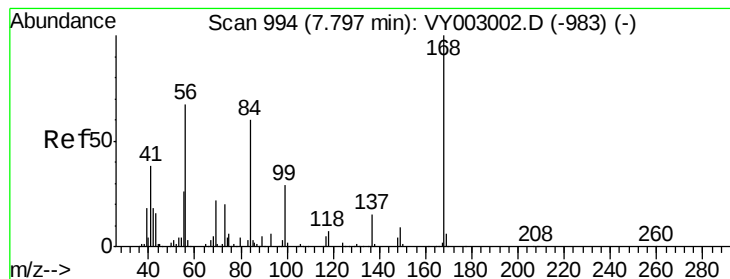
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	151252	19.739	ug/l	99
94) Hexachlorobutadiene	15.11	225	97757	20.225	ug/l	98
95) Naphthalene	15.23	128	278435	19.894	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	131193	19.717	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

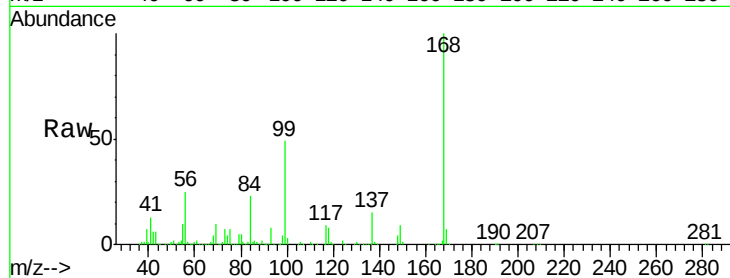
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 526181

Ion Ratio Lower Upper

168 100

99 48.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

250000

200000

150000

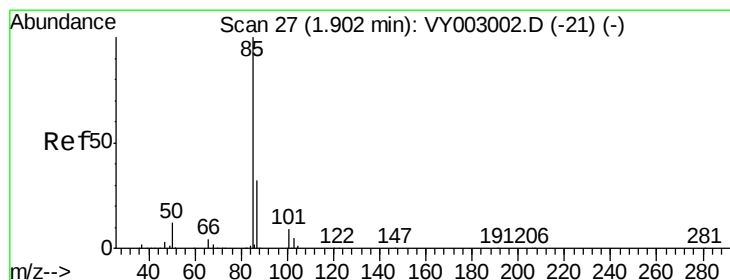
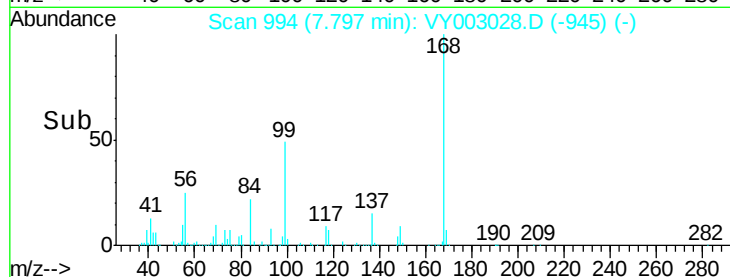
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.446 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003028.D

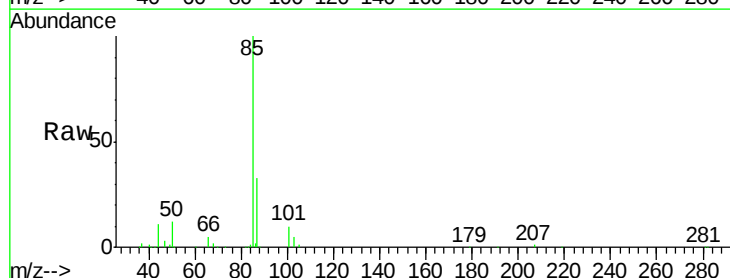
Acq: 30 Jun 2020 11:41

Tgt Ion: 85 Resp: 69522

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003002.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003002.D (-21) (-)

1.91

50000

40000

30000

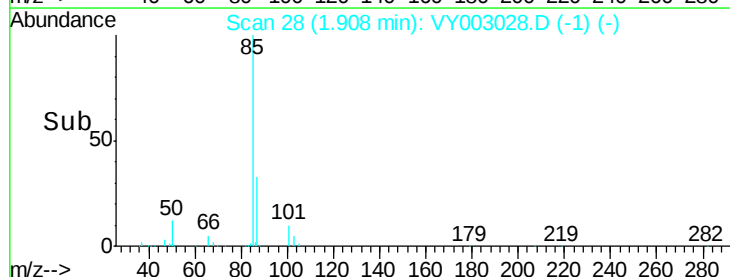
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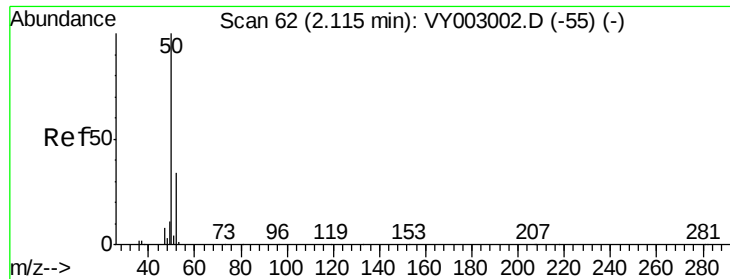
10000

0

1.80 1.90 2.00

Time-->

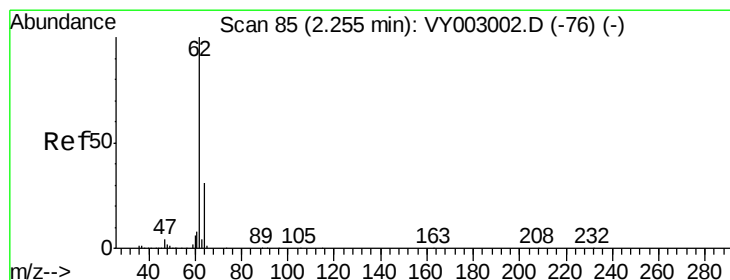
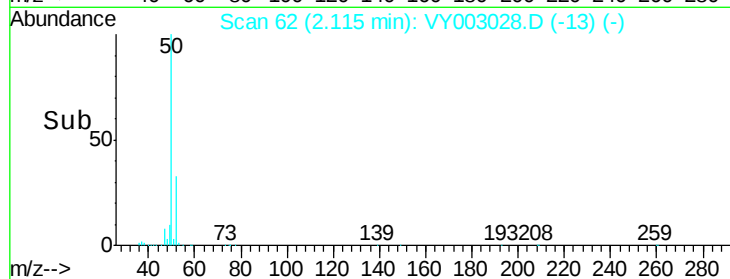
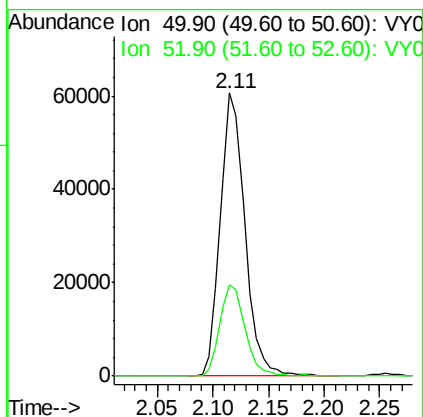
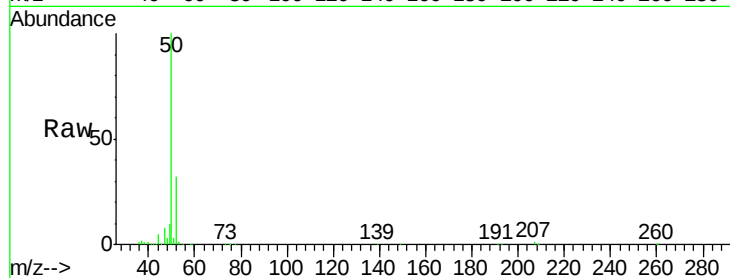




#3
Chloromethane
Concen: 15.963 ug/l
RT: 2.11 min Scan# 62
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

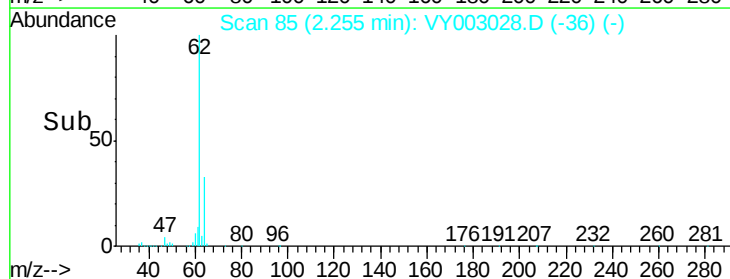
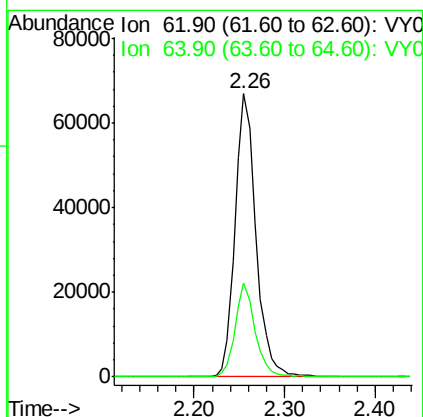
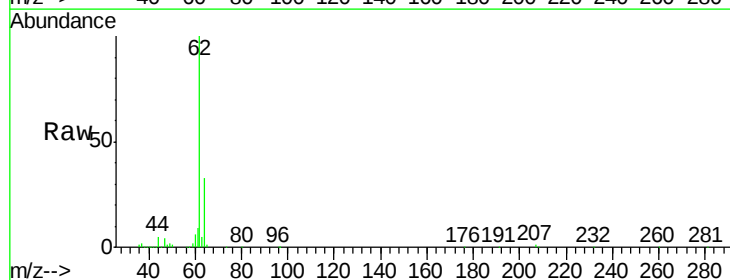
Instrument :
MSVOA_Y
ClientSampleId :

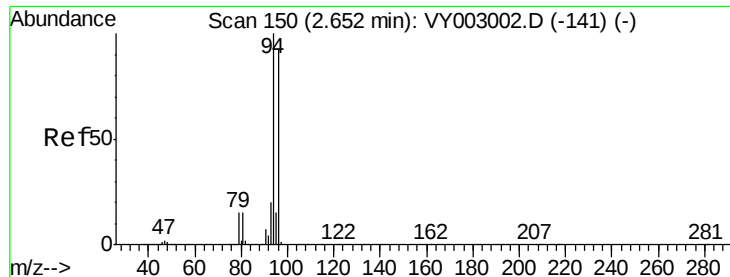
Tot Ion: 50 Resp: 93150
Ion Ratio Lower Upper
50 100
52 32.4 26.9 40.3



#4
Vinyl Chloride
Concen: 18.784 ug/l
RT: 2.26 min Scan# 85
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion: 62 Resp: 106923
Ion Ratio Lower Upper
62 100
64 33.0 24.4 36.6





#5

Bromomethane

Concen: 19.775 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

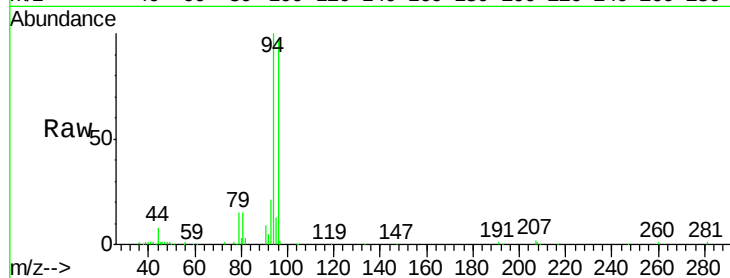
ClientSampleId :

Tot Ion: 94 Resp: 76424

Ion Ratio Lower Upper

94 100

96 96.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

40000

30000

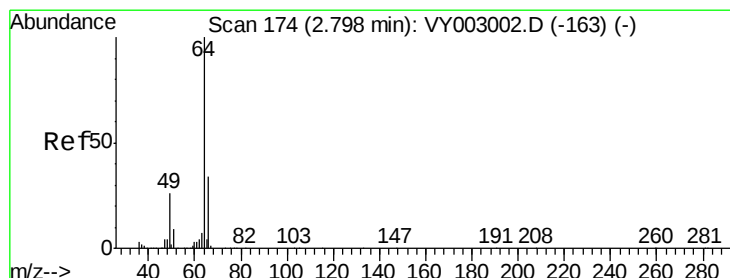
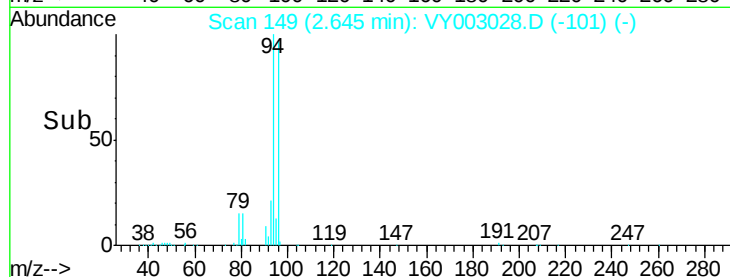
20000

10000

0

Time-->

2.60 2.70



#6

Chloroethane

Concen: 19.325 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003028.D

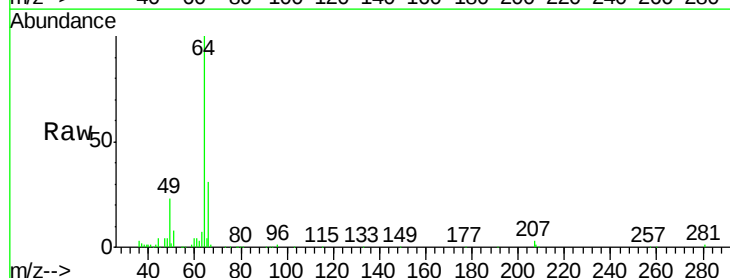
Acq: 30 Jun 2020 11:41

Tgt Ion: 64 Resp: 69976

Ion Ratio Lower Upper

64 100

66 31.1 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

30000

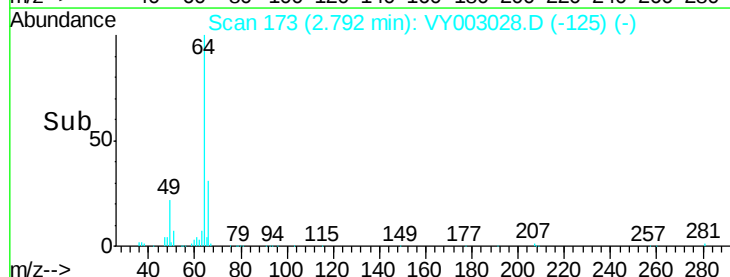
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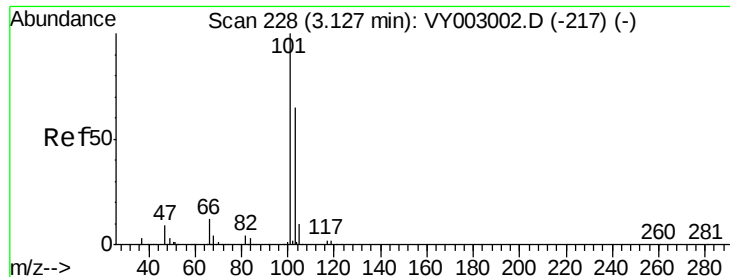
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Time-->

2.70 2.80 2.90 3.00



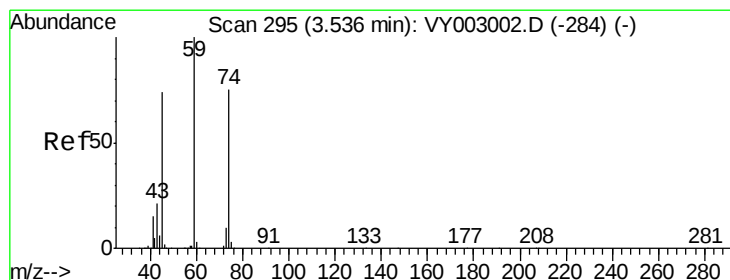
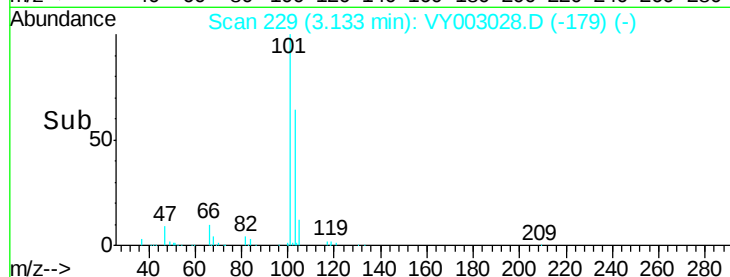
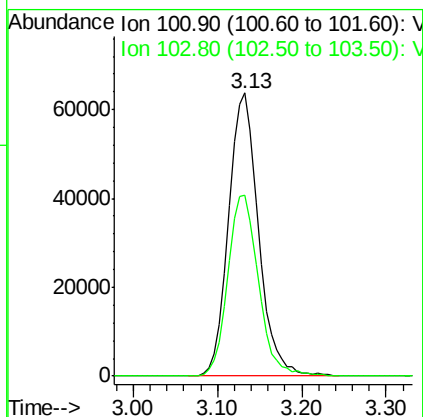
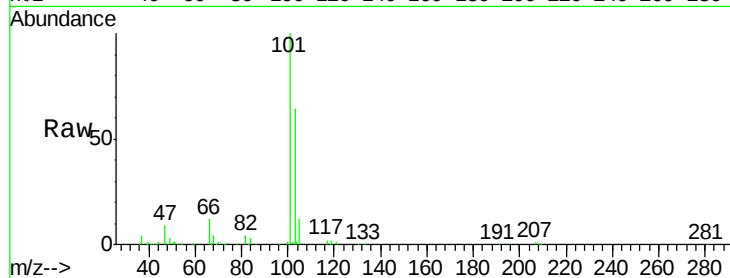


#7

Trichlorofluoromethane
Concen: 19.202 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :

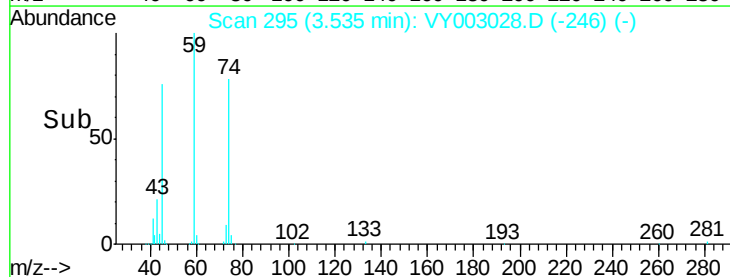
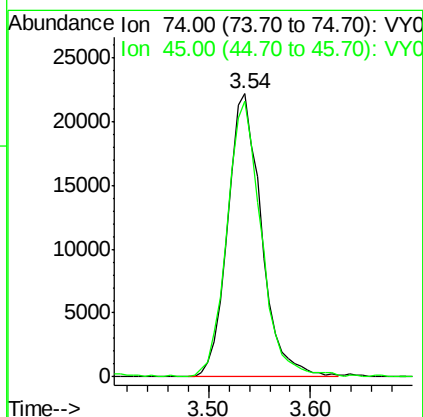
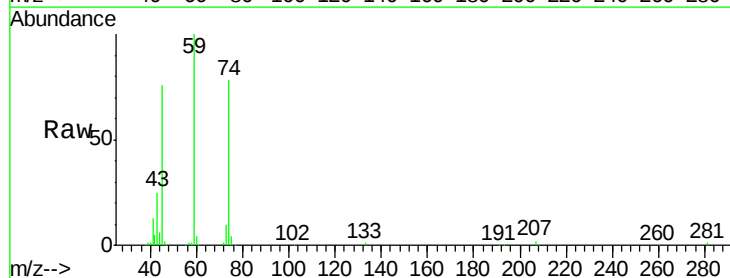
Tot Ion:101 Resp: 154266
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4

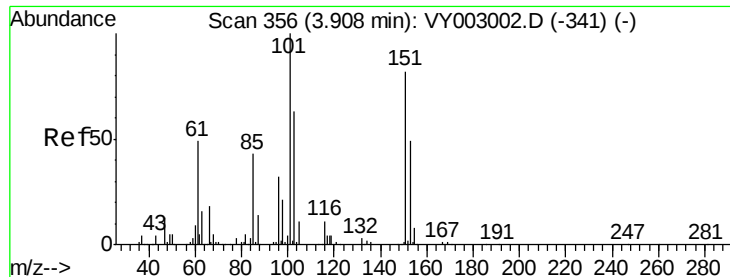


#8

Diethyl Ether
Concen: 18.483 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion: 74 Resp: 50906
Ion Ratio Lower Upper
74 100
45 99.0 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.755 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

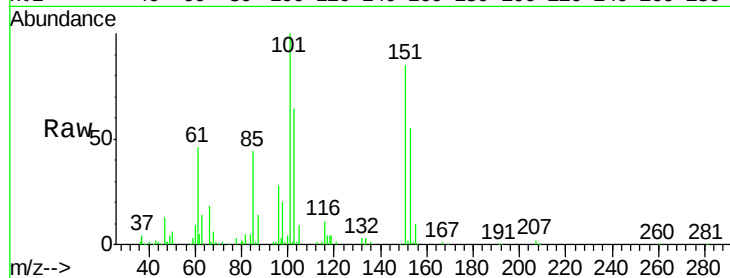
Tot Ion:101 Resp: 94767

Ion Ratio Lower Upper

101 100

85 43.4 35.5 53.3

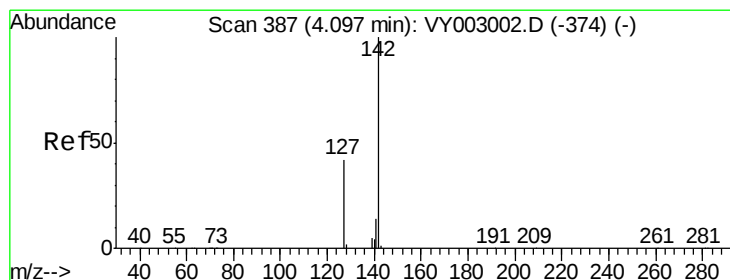
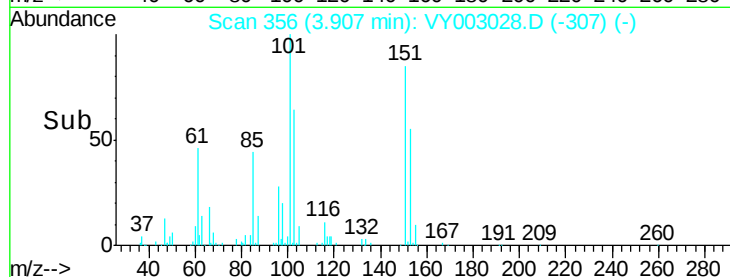
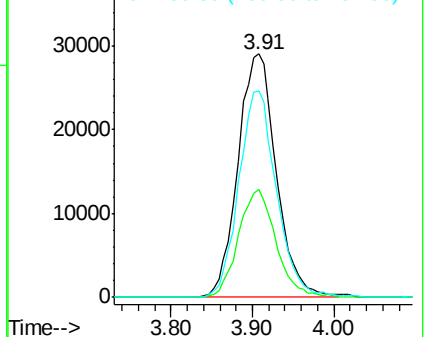
151 83.5 65.5 98.3



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: 18.659 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

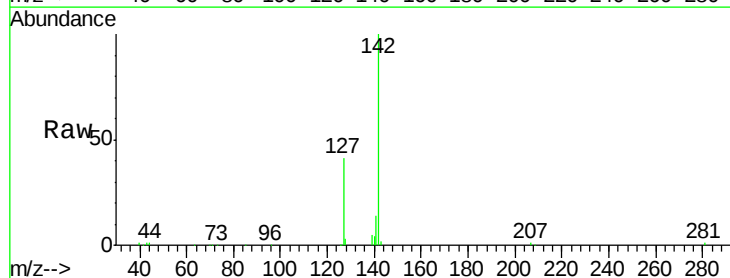
Tgt Ion:142 Resp: 110988

Ion Ratio Lower Upper

142 100

127 42.7 34.2 51.2

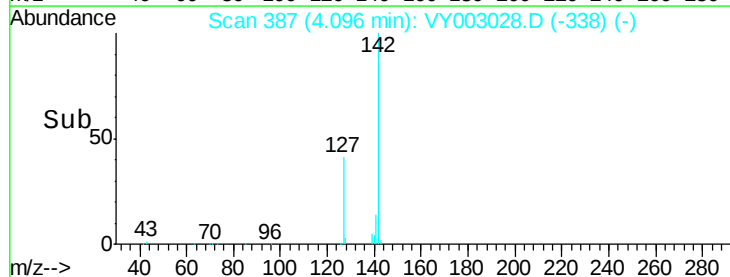
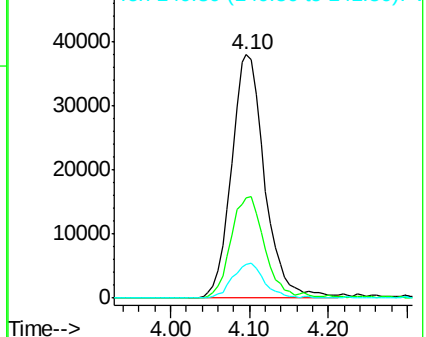
141 14.0 11.7 17.5

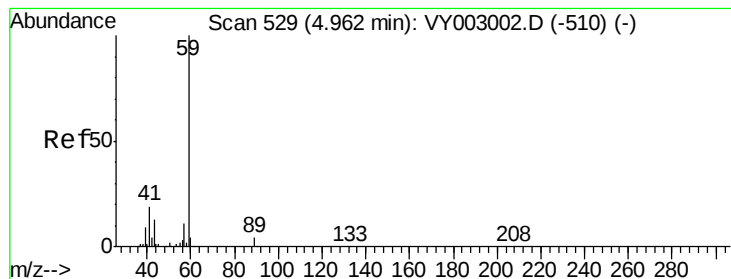


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



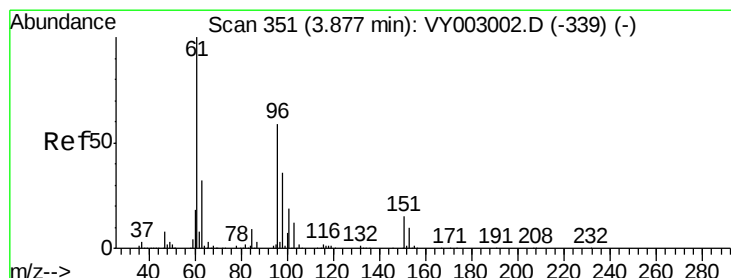
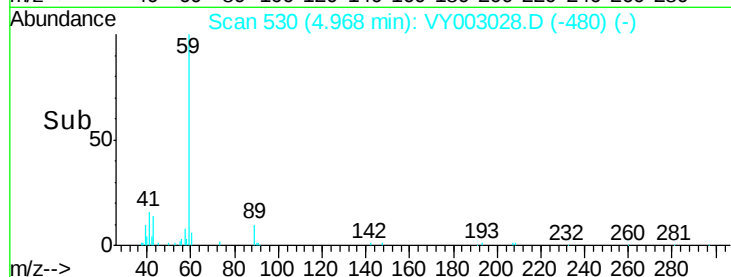
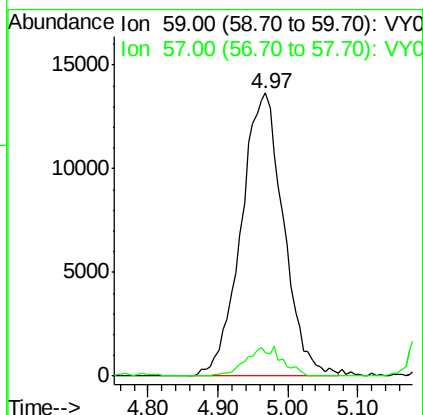
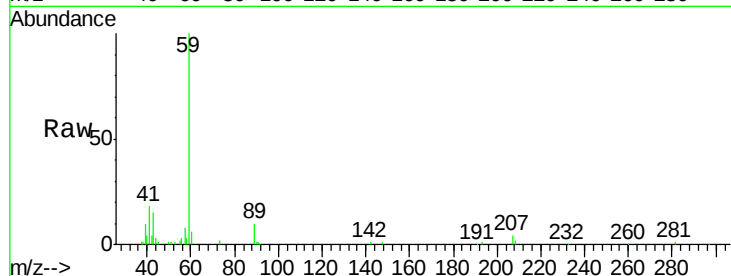


#11

Tert butyl alcohol
 Concen: 108.142 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :

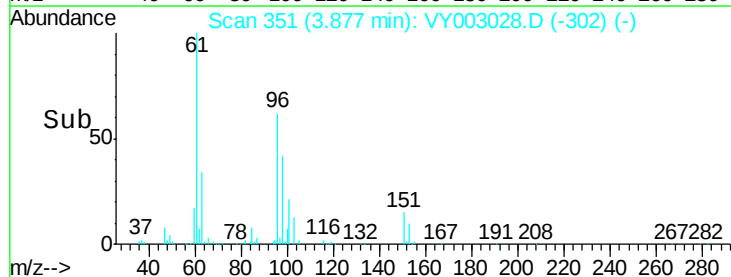
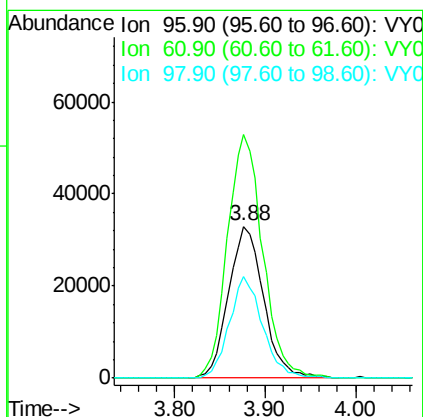
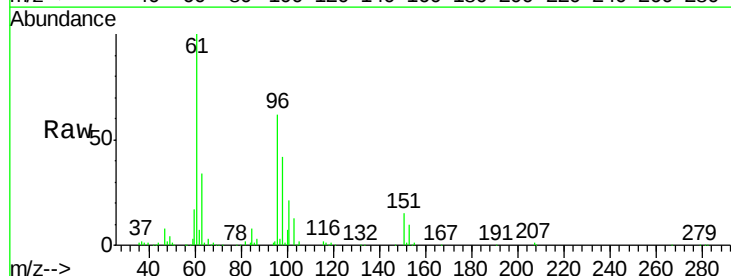
Tot Ion: 59 Resp: 57596
 Ion Ratio Lower Upper
 59 100
 57 8.8 8.0 12.0

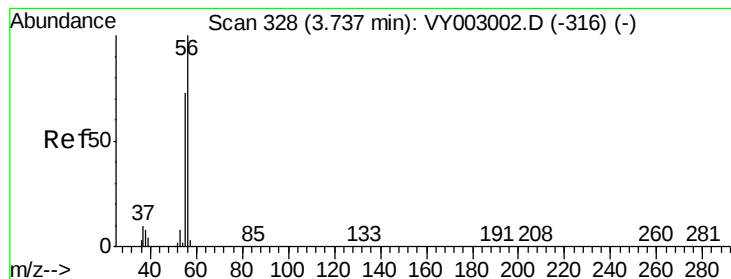


#12

1,1-Dichloroethene
 Concen: 19.415 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion: 96 Resp: 88615
 Ion Ratio Lower Upper
 96 100
 61 160.2 136.7 205.1
 98 67.1 49.7 74.5





#13

Acrolein

Concen: 99.156 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

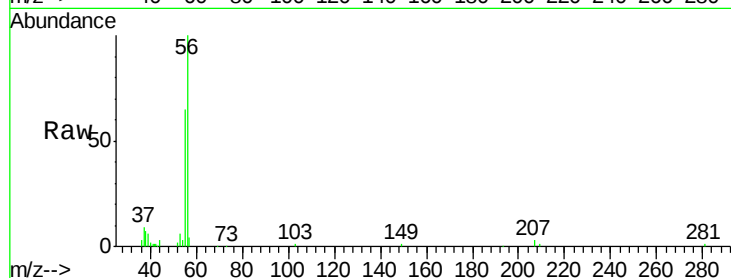
ClientSampleId :

Tot Ion: 56 Resp: 47431

Ion Ratio Lower Upper

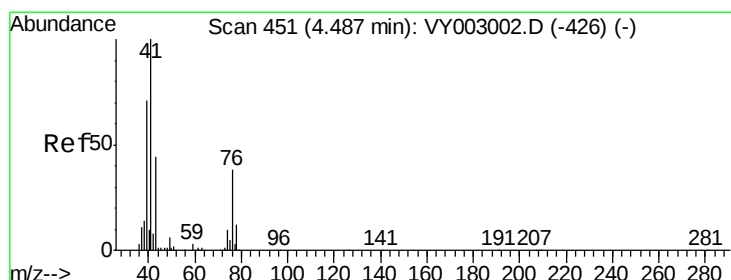
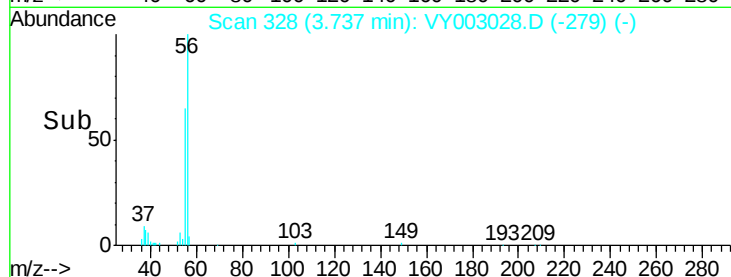
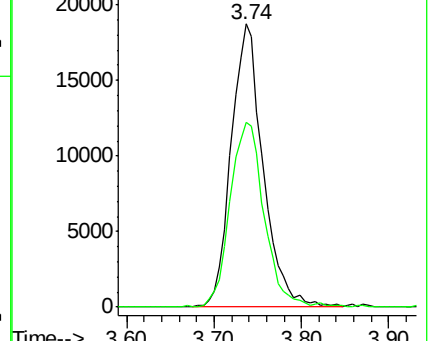
56 100

55 69.2 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 18.071 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

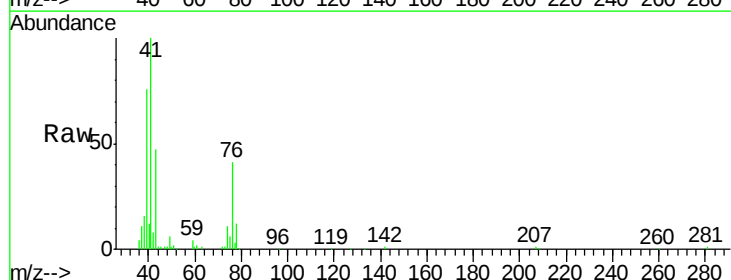
Tgt Ion: 41 Resp: 144008

Ion Ratio Lower Upper

41 100

39 70.7 55.6 83.4

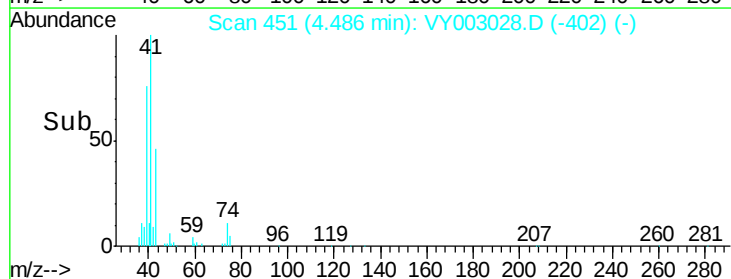
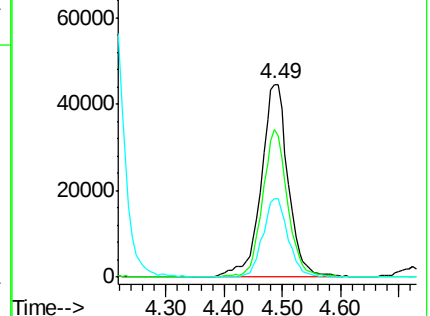
76 37.7 28.6 43.0

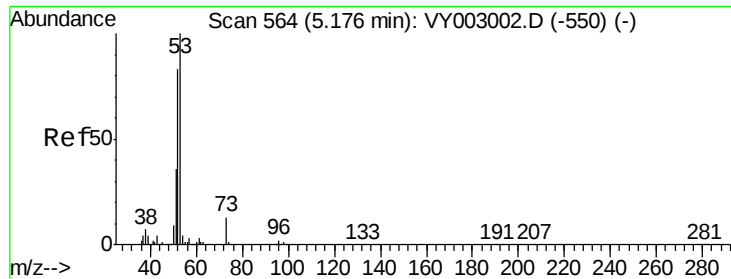


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 95.031 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

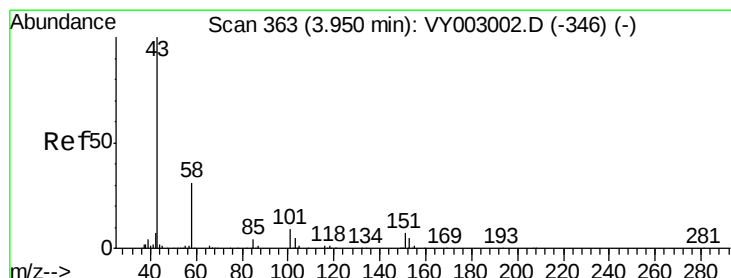
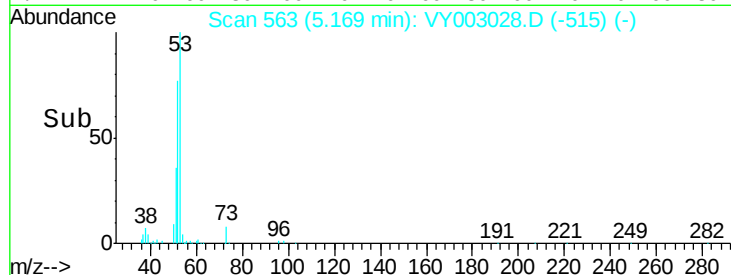
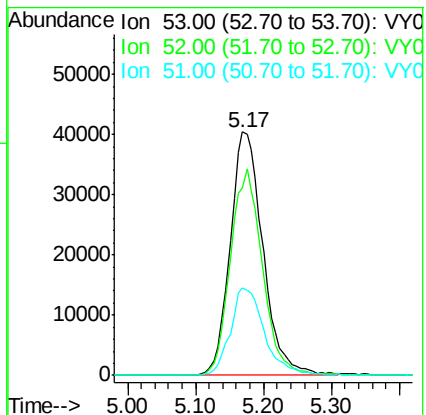
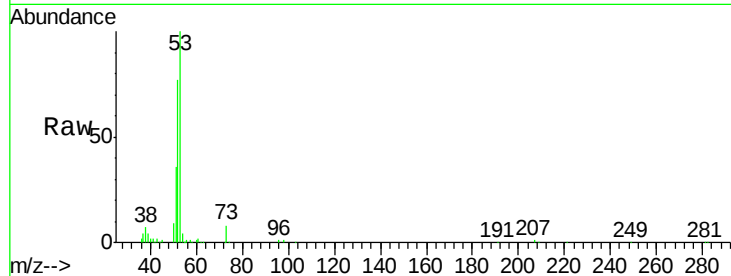
Tot Ion: 53 Resp: 134892

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.2

51 37.5 29.5 44.3



#16

Acetone

Concen: 91.699 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003028.D

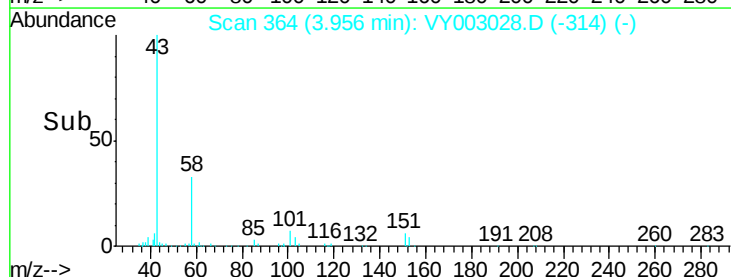
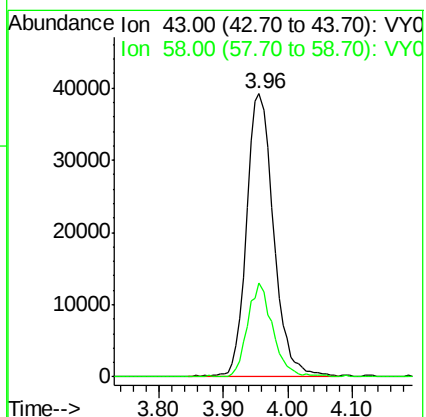
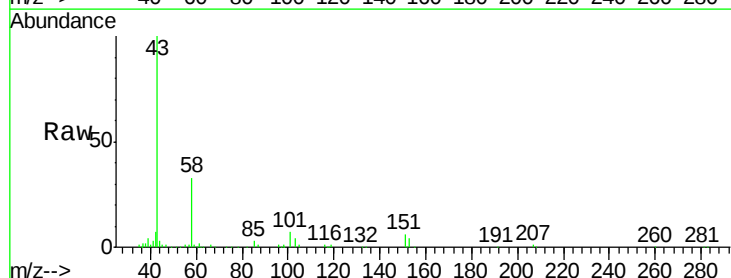
Acq: 30 Jun 2020 11:41

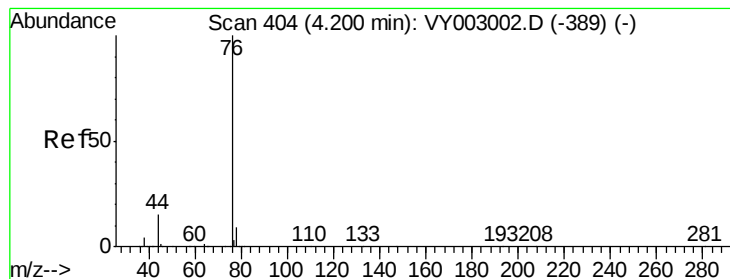
Tgt Ion: 43 Resp: 113023

Ion Ratio Lower Upper

43 100

58 33.0 24.7 37.1





#17

Carbon Disulfide

Concen: 18.810 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

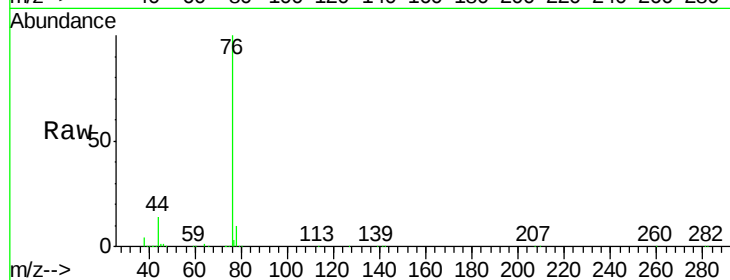
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 76 Resp: 274308

Ion Ratio Lower Upper

76 100

78 10.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY003028.D (-389) (-)

Ion 77.90 (77.60 to 78.60): VY003028.D (-389) (-)

4.20

100000

80000

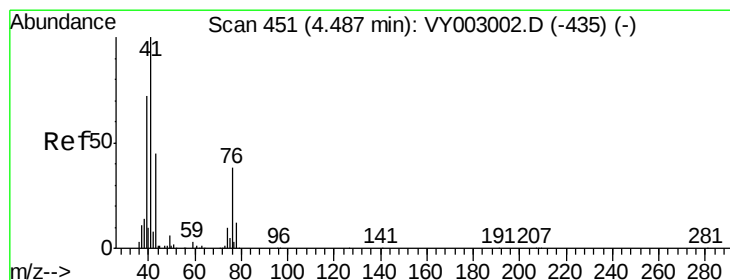
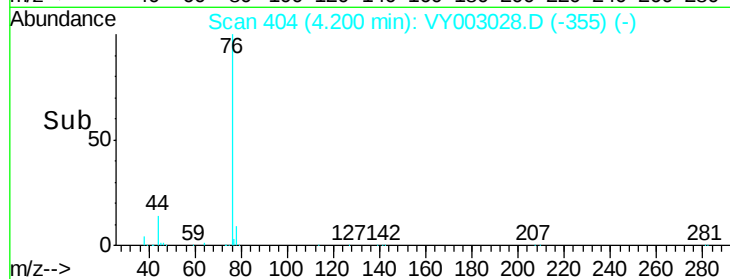
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 18.251 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003028.D

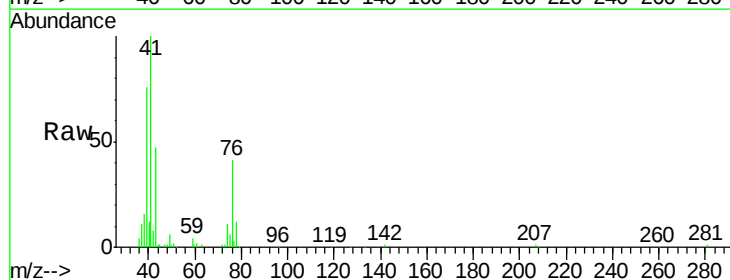
Acq: 30 Jun 2020 11:41

Tgt Ion: 43 Resp: 60605

Ion Ratio Lower Upper

43 100

74 25.4 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.30): VY003028.D (-435) (-)

Ion 74.00 (73.70 to 74.30): VY003028.D (-435) (-)

4.49

20000

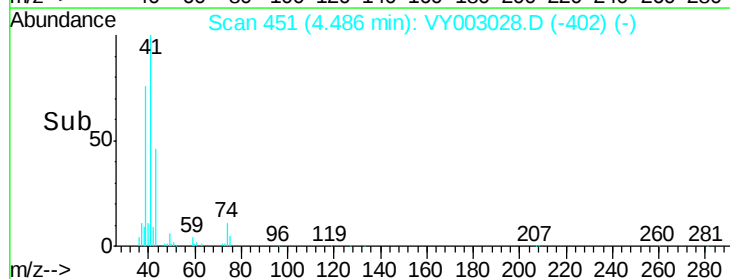
15000

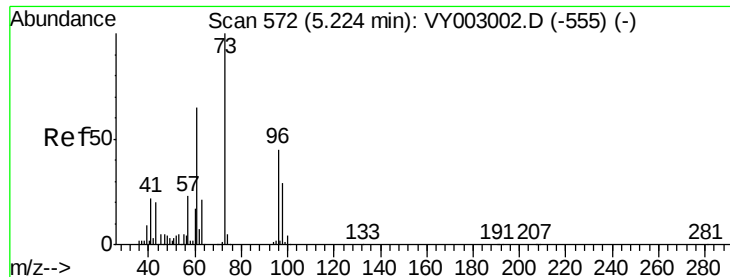
10000

5000

0

Time-->



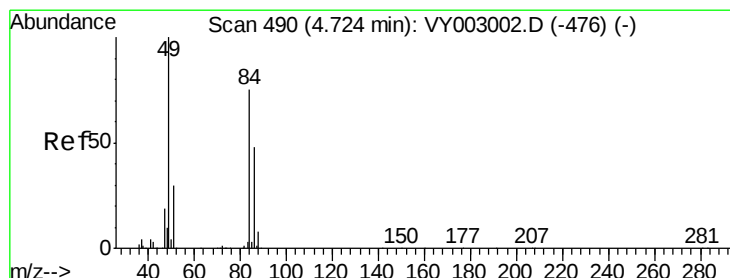
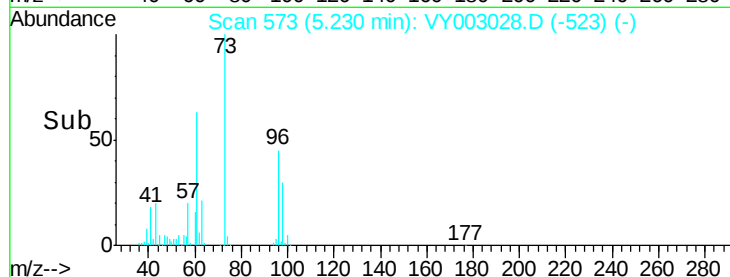
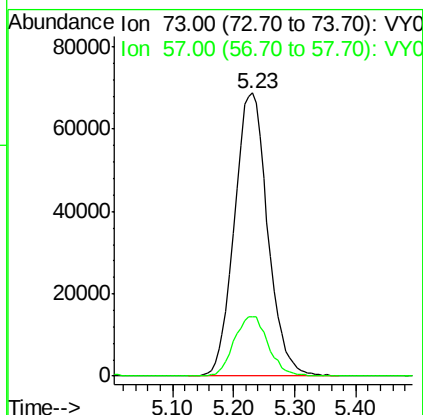
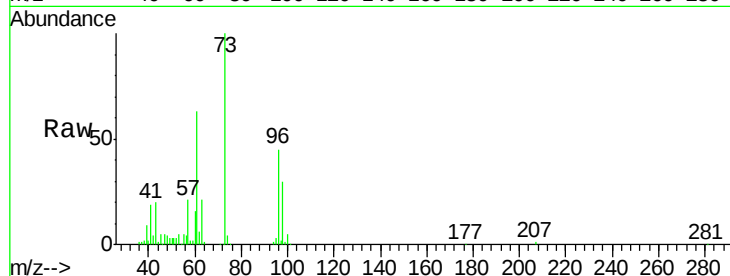


#19

Methyl tert-butyl Ether
 Concen: 19.487 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :

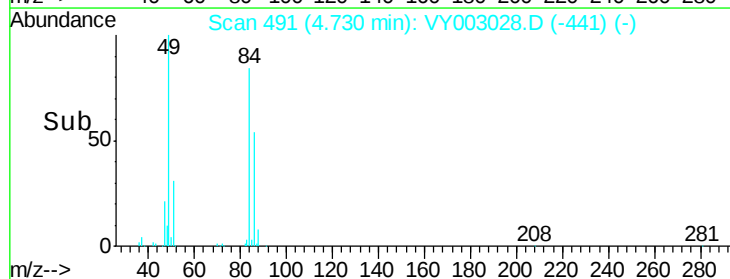
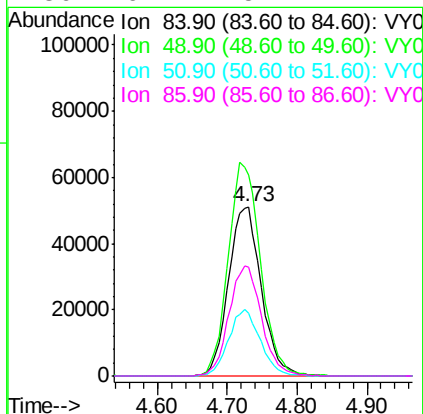
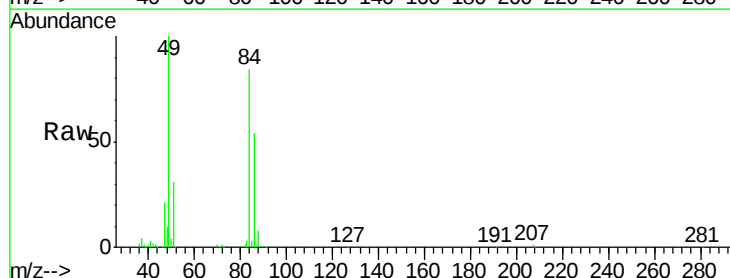
Tot Ion: 73 Resp: 259265
 Ion Ratio Lower Upper
 73 100
 57 20.8 18.2 27.2

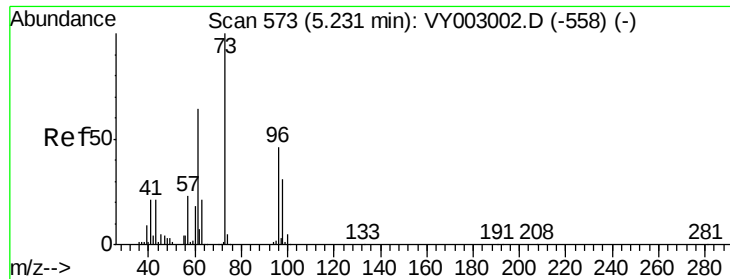


#20

Methylene Chloride
 Concen: 27.051 ug/l
 RT: 4.73 min Scan# 491
 Delta R.T. 0.01 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion: 84 Resp: 166383
 Ion Ratio Lower Upper
 84 100
 49 119.0 106.8 160.2
 51 36.8 32.0 48.0
 86 64.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 19.565 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

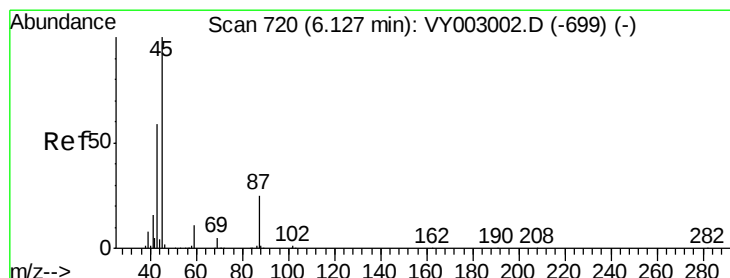
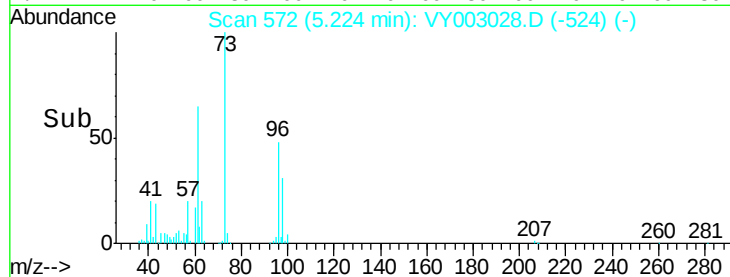
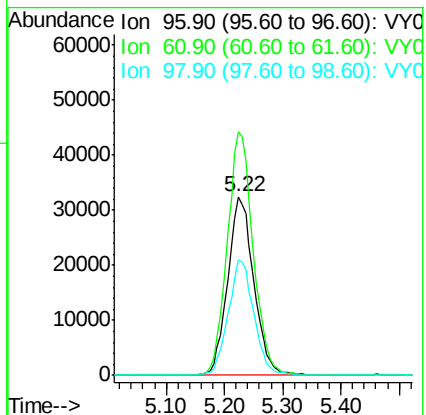
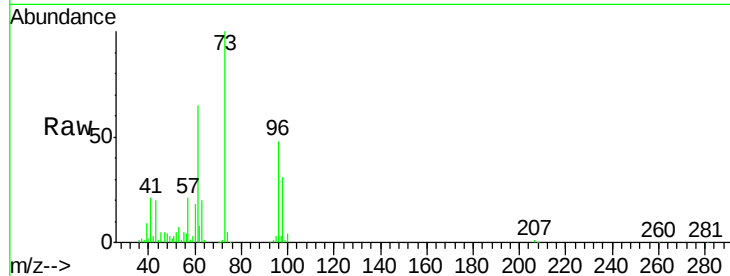
Tot Ion: 96 Resp: 101009

Ion Ratio Lower Upper

96 100

61 136.4 112.3 168.5

98 65.1 53.8 80.8



#22

Diisopropyl ether

Concen: 18.203 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Tgt Ion: 45 Resp: 310913

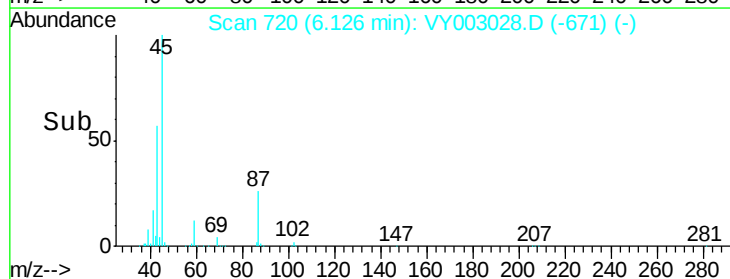
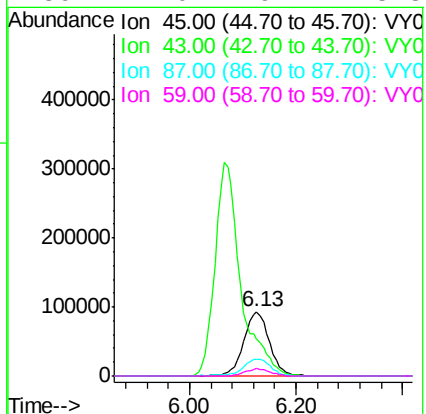
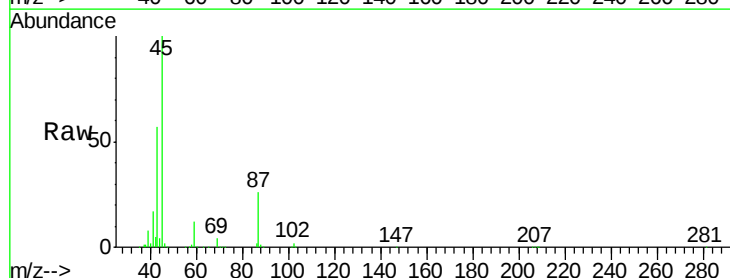
Ion Ratio Lower Upper

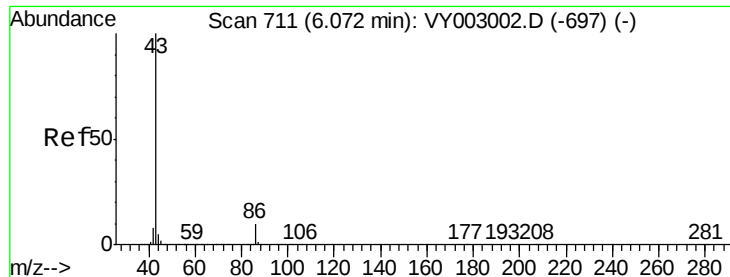
45 100

43 57.1 47.4 71.2

87 26.1 20.2 30.2

59 12.0 9.2 13.8





#23

Vinyl Acetate

Concen: 91.365 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

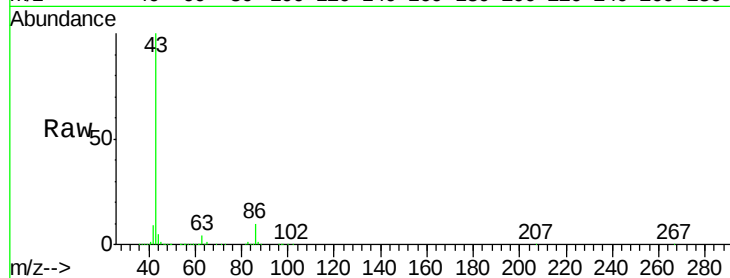
ClientSampleId :

Tot Ion: 43 Resp: 1043302

Ion Ratio Lower Upper

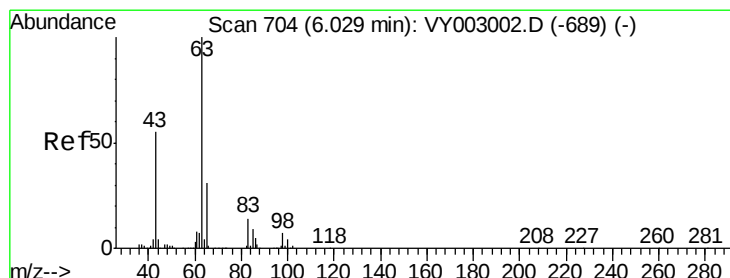
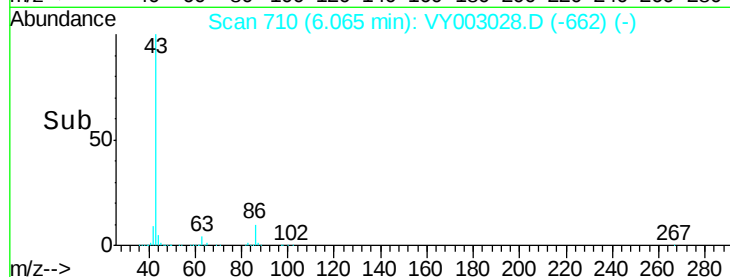
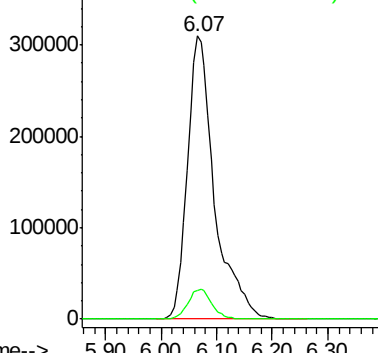
43 100

86 10.3 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 18.877 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

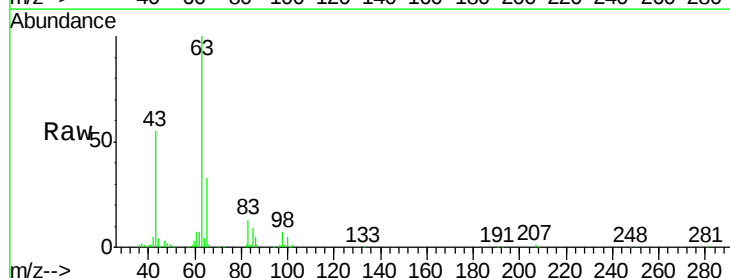
Tgt Ion: 63 Resp: 176124

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

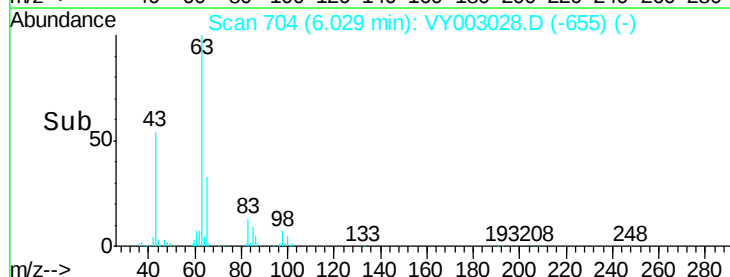
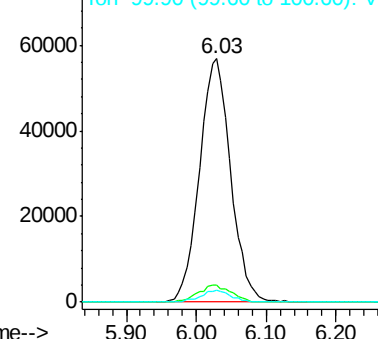
100 5.1 2.3 6.8



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: 95.323 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

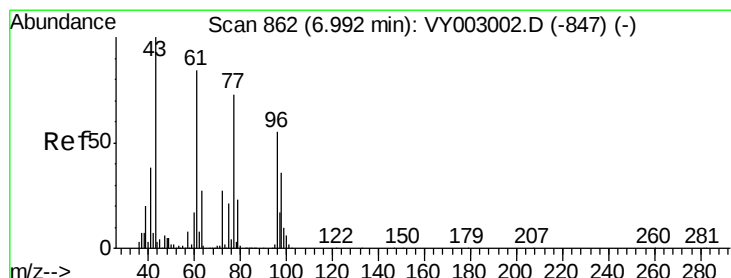
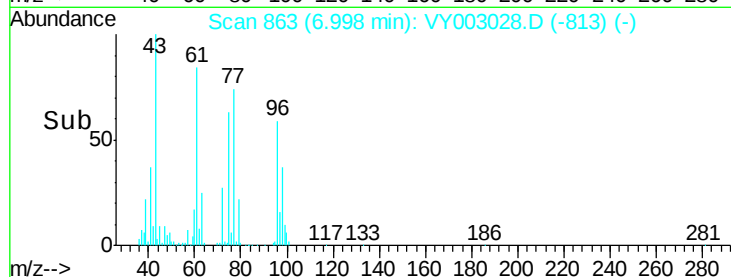
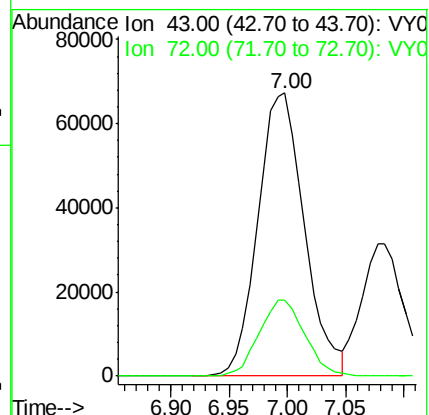
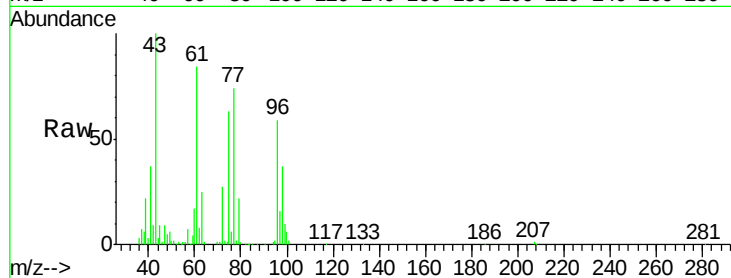
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 186633

Ion Ratio Lower Upper

43 100

72 26.7 21.4 32.0



#26

2,2-Dichloropropane

Concen: 19.536 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003028.D

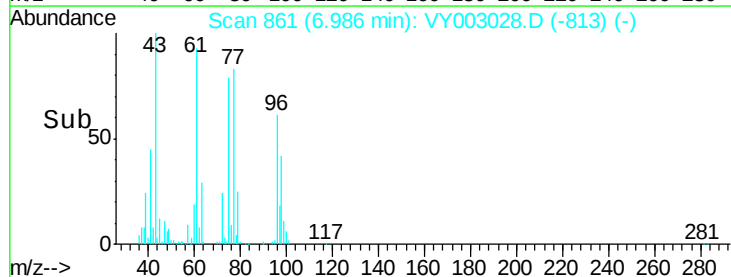
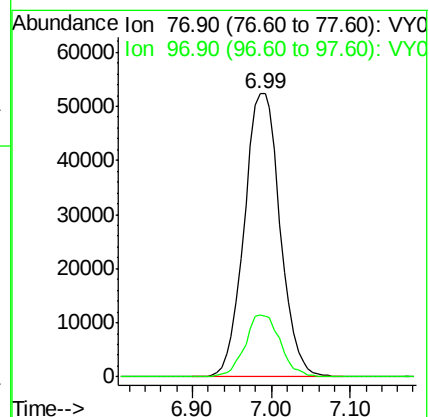
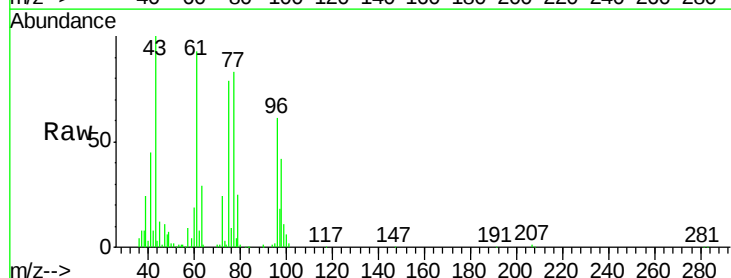
Acq: 30 Jun 2020 11:41

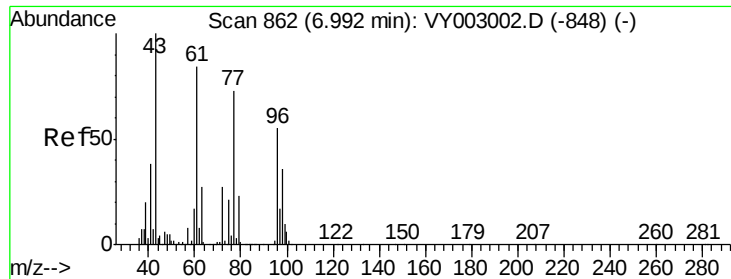
Tgt Ion: 77 Resp: 165606

Ion Ratio Lower Upper

77 100

97 21.5 11.3 33.9

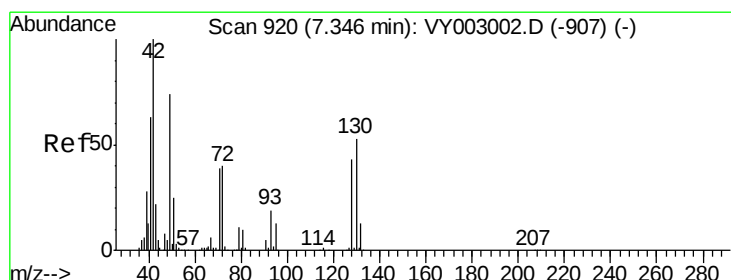
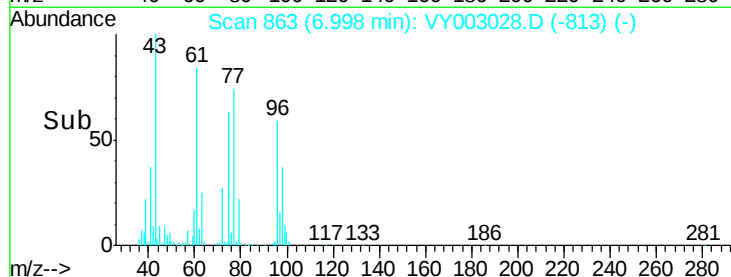
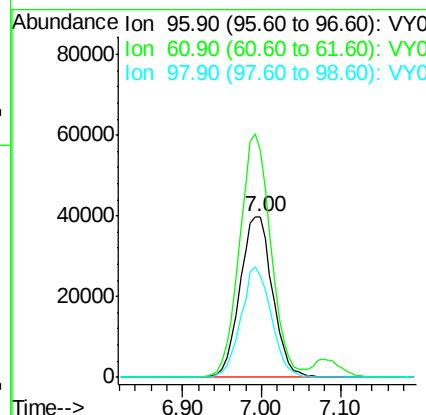
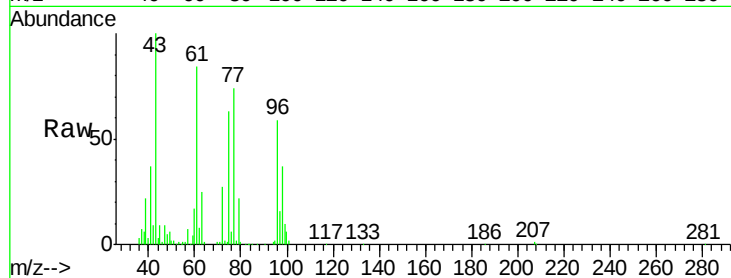




#27
 cis-1,2-Dichloroethene
 Concen: 19.735 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

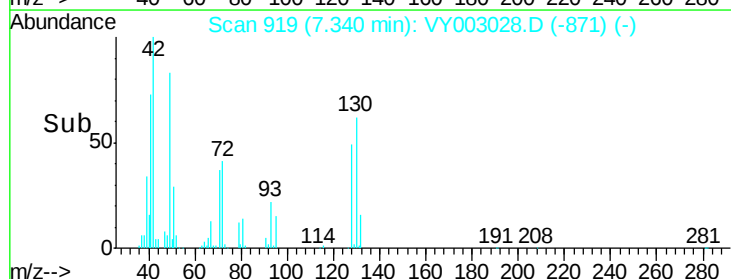
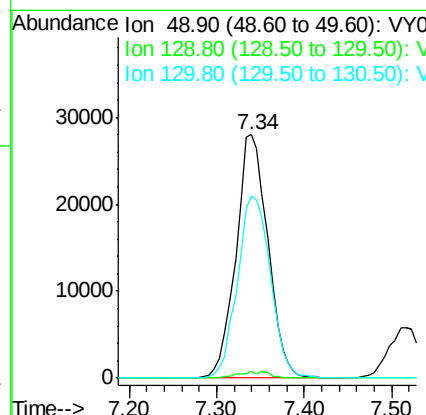
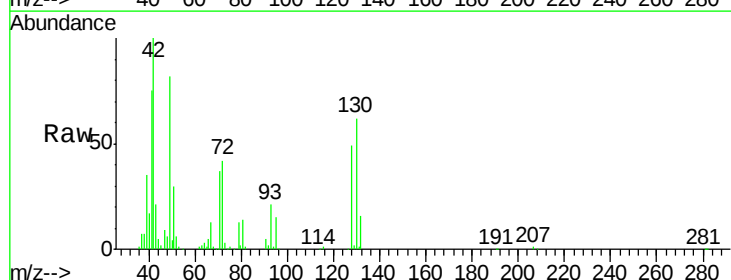
Instrument :
 MSVOA_Y
 ClientSampleId :

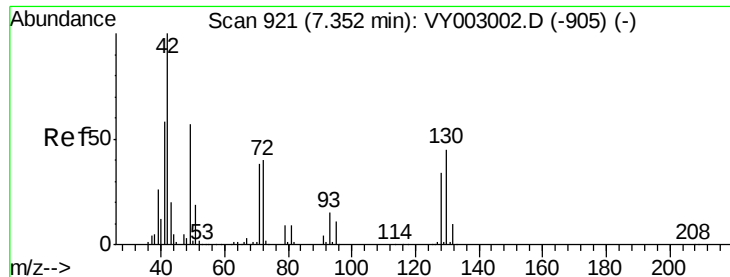
Tot Ion: 96 Resp: 114282
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 301.2
 98 64.1 0.0 129.0



#28
 Bromochloromethane
 Concen: 17.154 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion: 49 Resp: 71211
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.4
 130 77.5 57.0 85.6

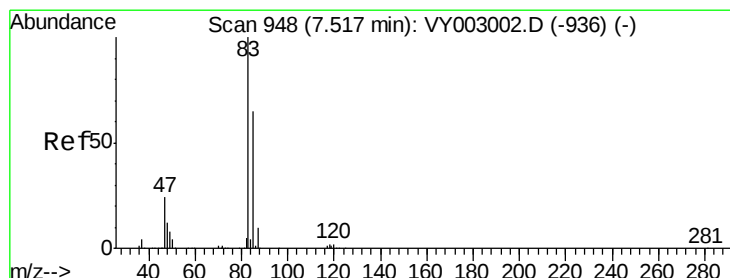
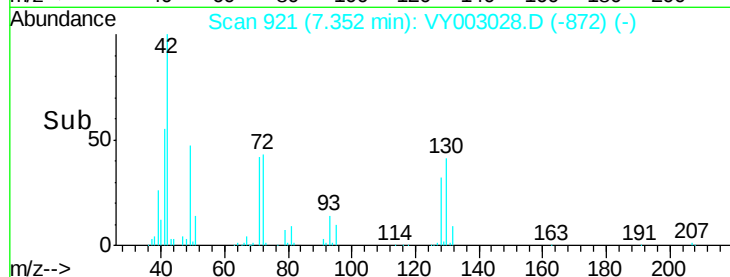
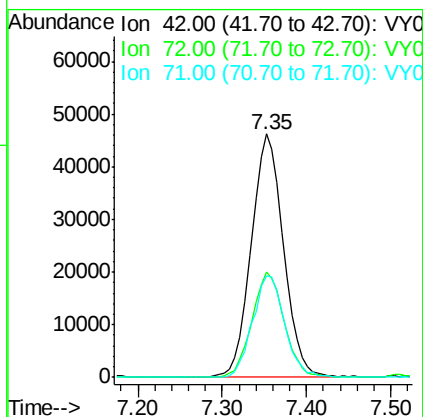
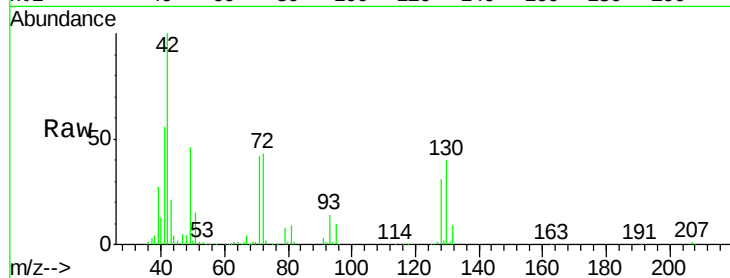




#29
Tetrahydrofuran
Concen: 92.678 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

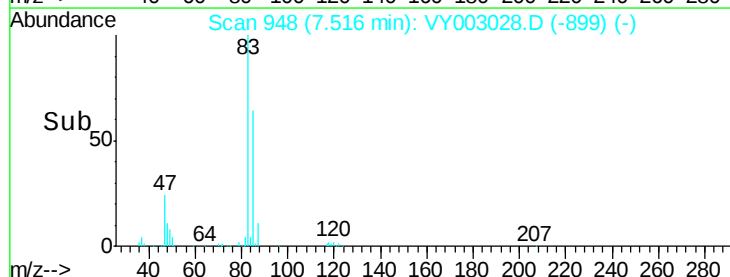
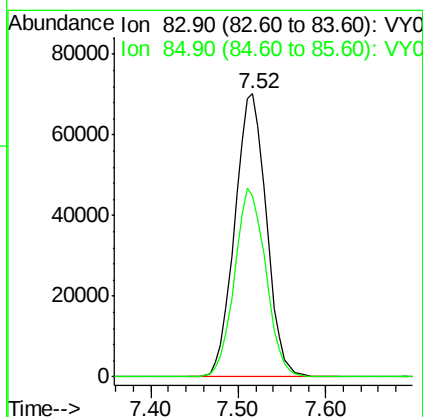
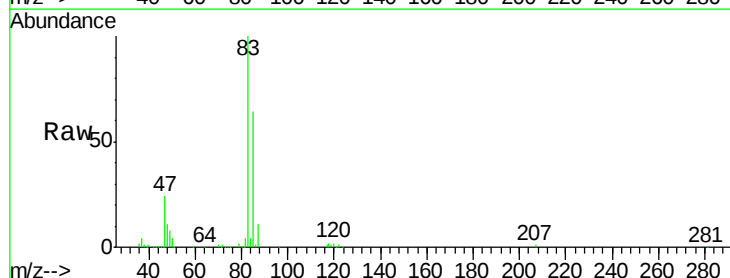
Instrument :
MSVOA_Y
ClientSampleId :

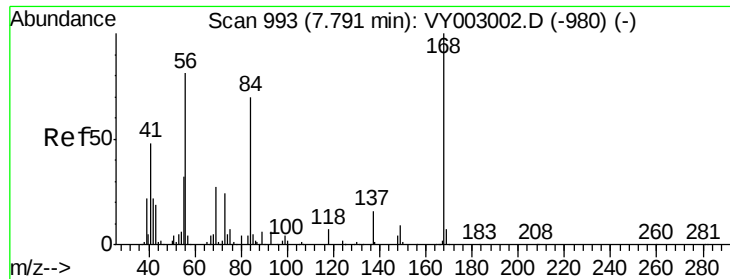
Tot Ion: 42 Resp: 120668
Ion Ratio Lower Upper
42 100
72 43.2 32.9 49.3
71 41.8 31.2 46.8



#30
Chloroform
Concen: 19.032 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion: 83 Resp: 175919
Ion Ratio Lower Upper
83 100
85 63.7 51.7 77.5

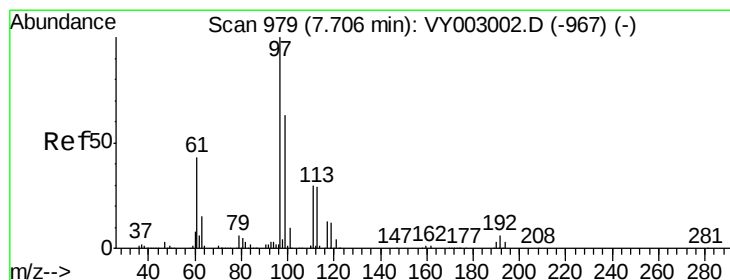
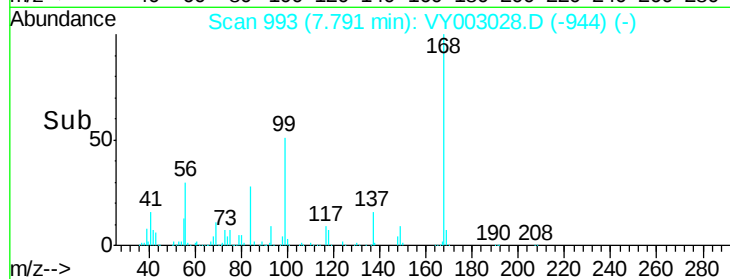
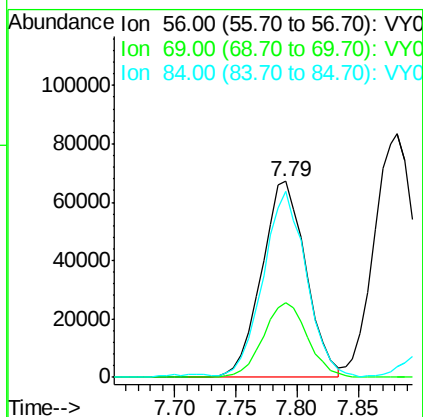
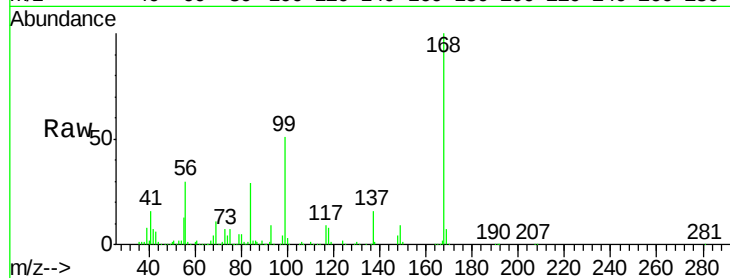




#31
Cyclohexane
Concen: 18.412 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

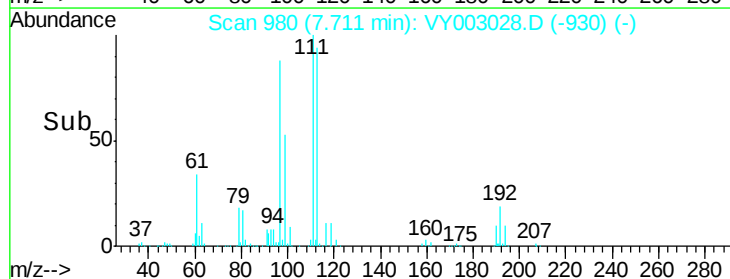
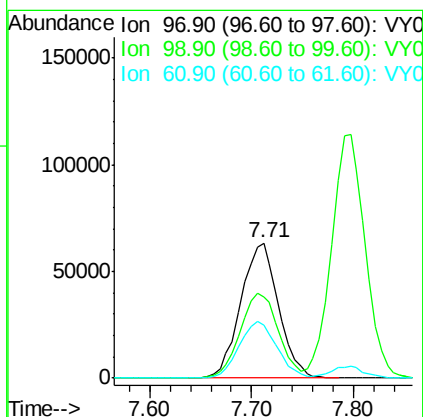
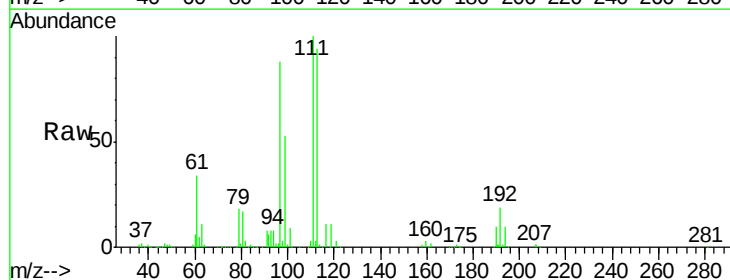
Instrument :
MSVOA_Y
ClientSampled :

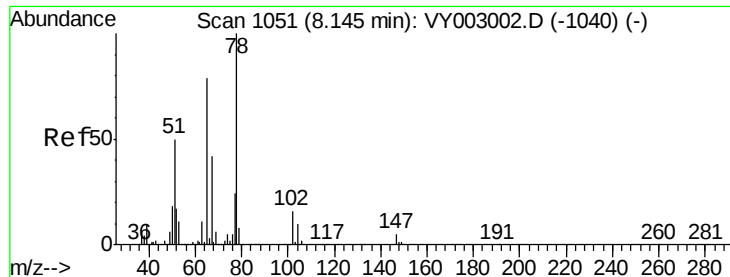
Tot Ion: 56 Resp: 169234
Ion Ratio Lower Upper
56 100
69 38.2 27.0 40.4
84 93.4 68.1 102.1



#32
1,1,1-Trichloroethane
Concen: 19.278 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion: 97 Resp: 162651
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.2
61 41.9 33.9 50.9

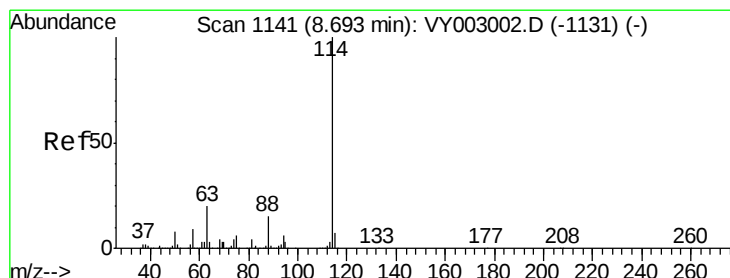
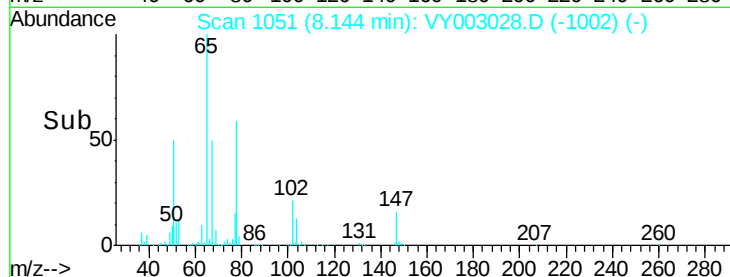
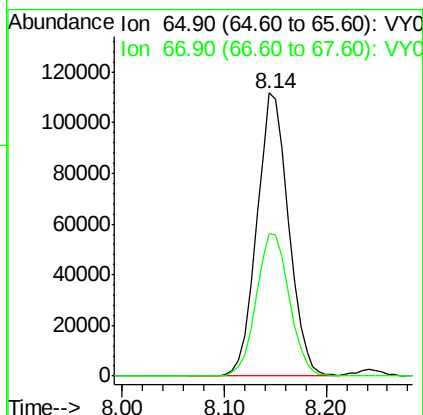
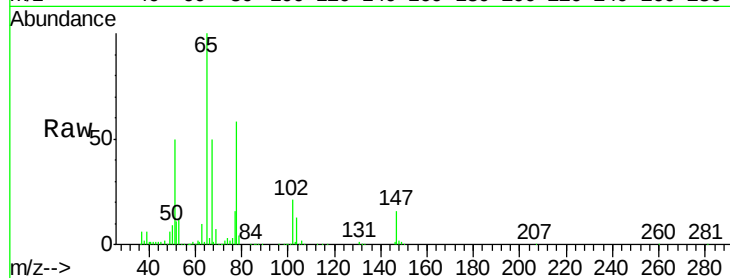




#33
 1,2-Dichloroethane-d4
 Concen: 46.388 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

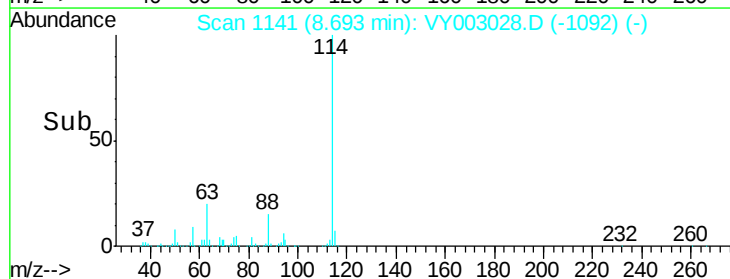
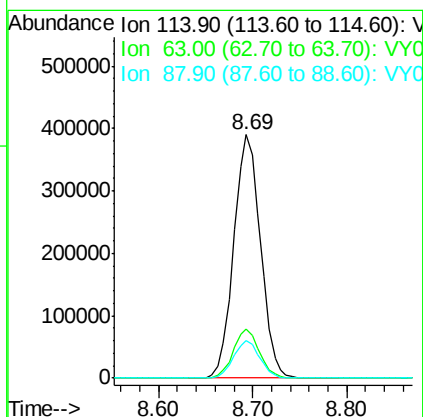
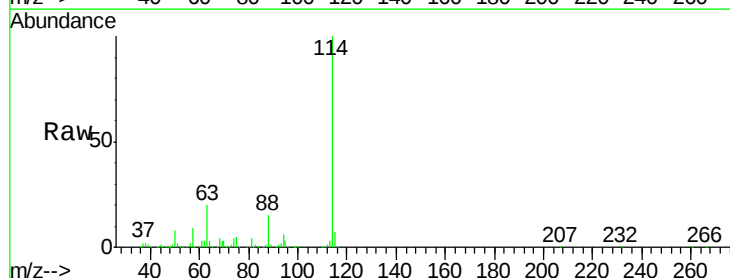
Instrument :
 MSVOA_Y
 ClientSampleId :

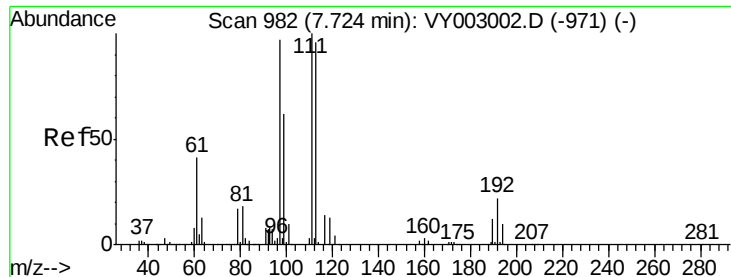
Tot Ion: 65 Resp: 242425
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion: 114 Resp: 766227
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.6
 88 15.3 0.0 30.0

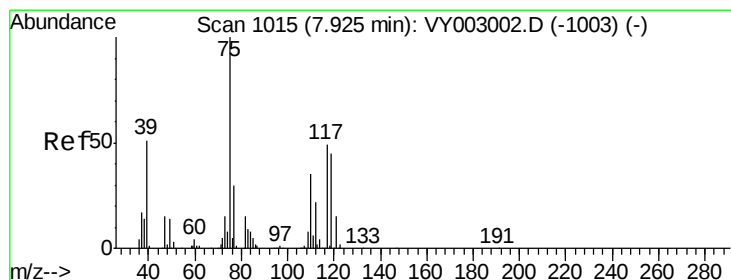
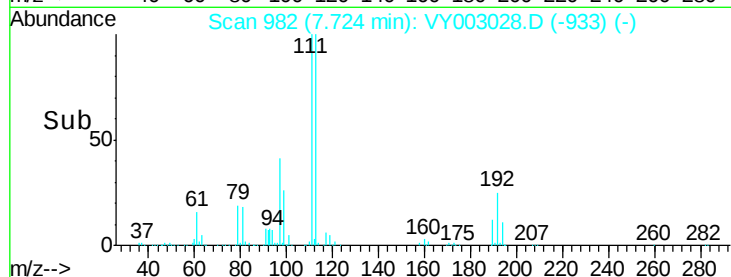
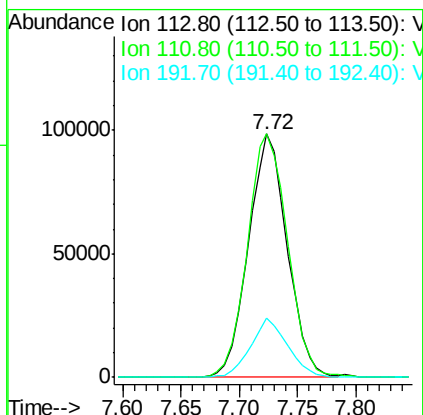
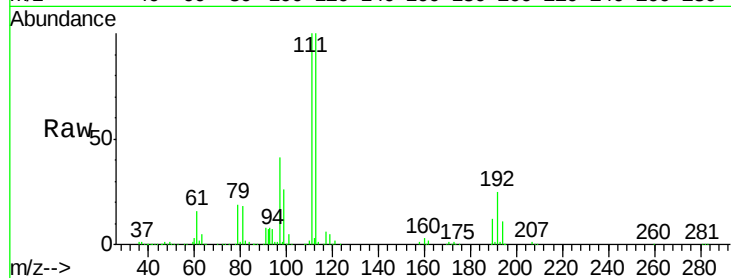




#35
 Dibromofluoromethane
 Concen: 47.501 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

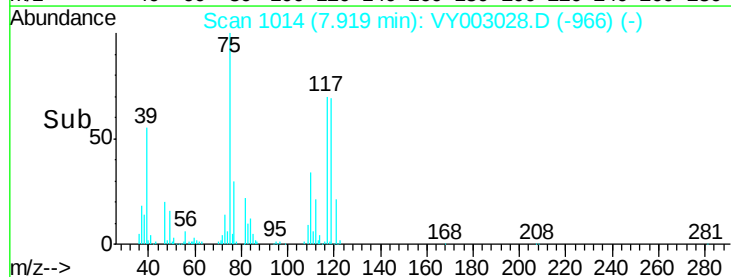
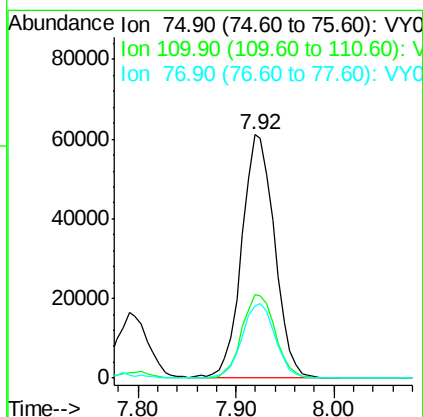
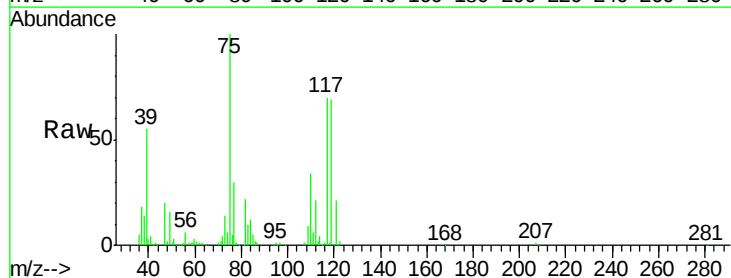
Instrument :
 MSVOA_Y
 ClientSampled :

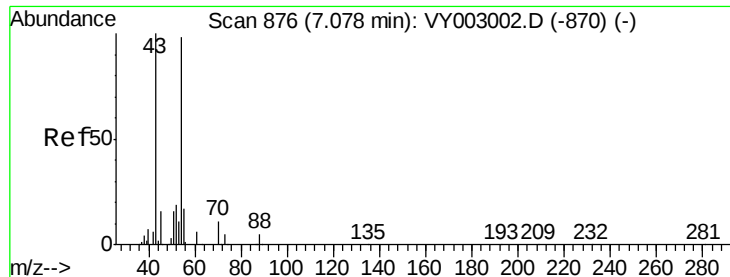
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.6	123.8
192	23.2	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 19.308 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.1	51.2
77	31.2	24.9	37.3

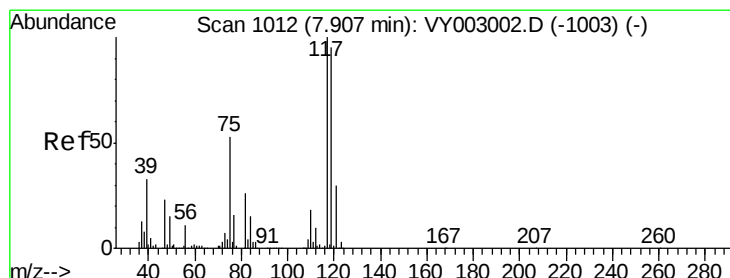
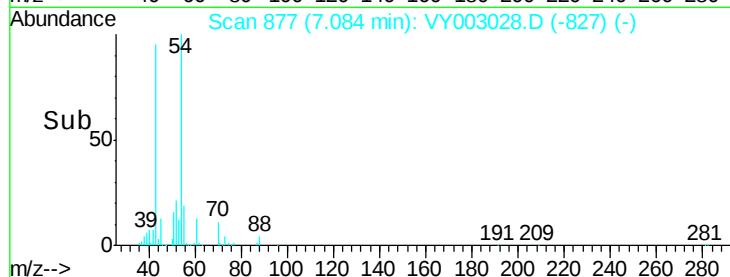
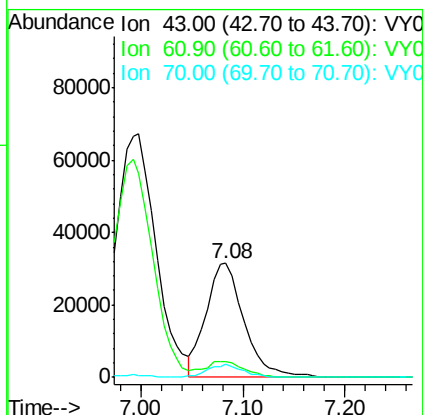
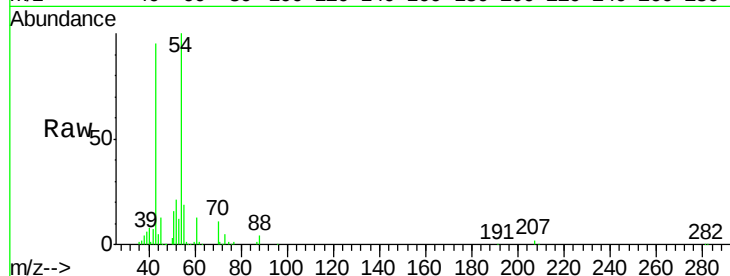




#37
Ethyl Acetate
Concen: 18.316 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

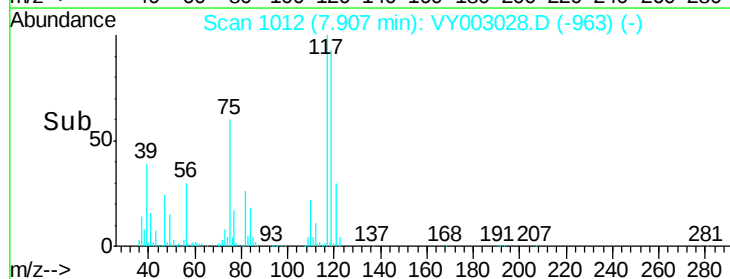
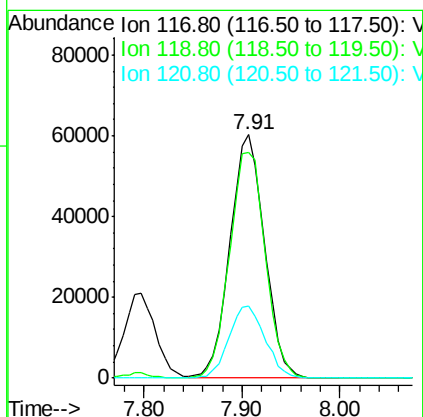
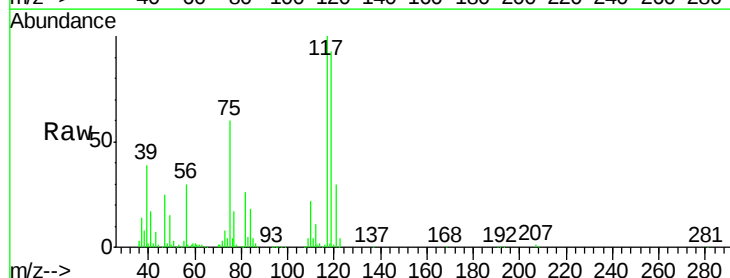
Instrument :
MSVOA_Y
ClientSampled :

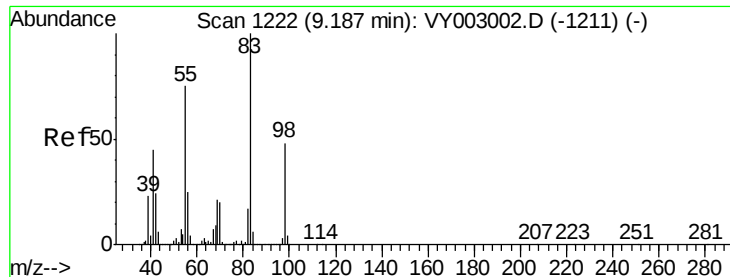
Tot Ion: 43 Resp: 81281
Ion Ratio Lower Upper
43 100
61 14.2 10.4 15.6
70 10.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.227 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion: 117 Resp: 147645
Ion Ratio Lower Upper
117 100
119 92.8 75.7 113.5
121 29.7 23.9 35.9

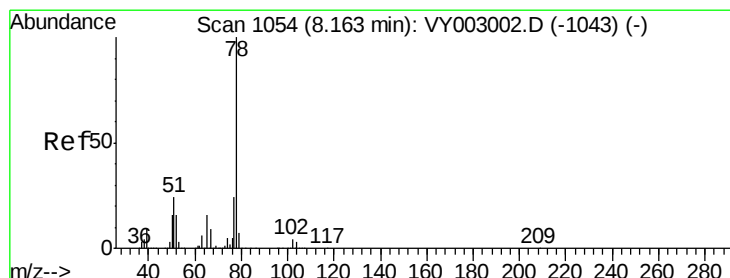
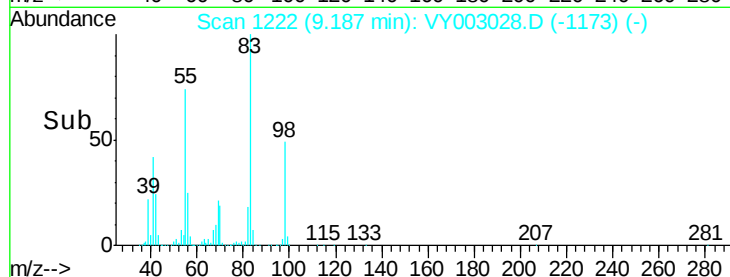
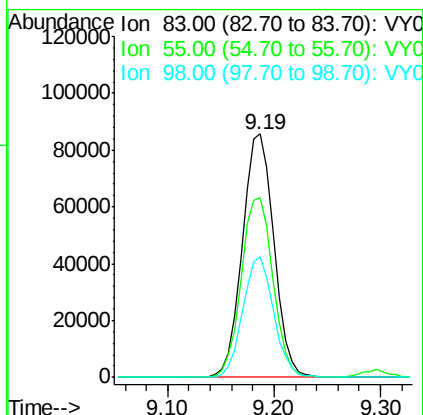
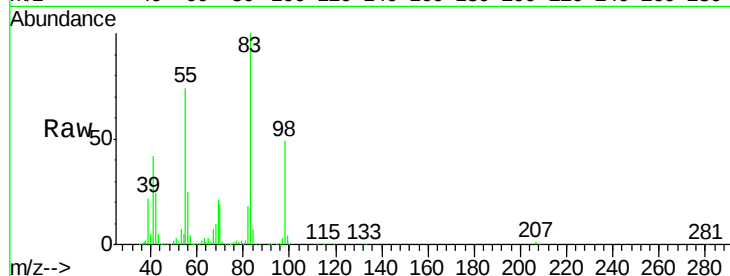




#39
Methvlcvclohexane
Concen: 19.530 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

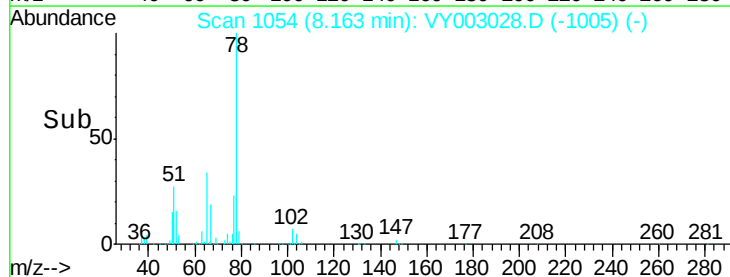
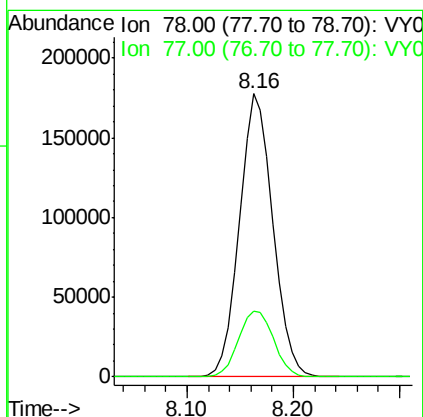
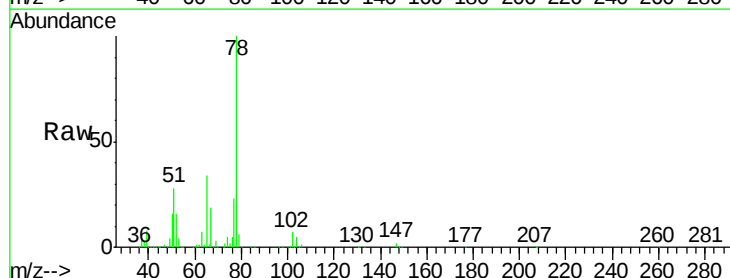
Instrument :
MSVOA_Y
ClientSampled :

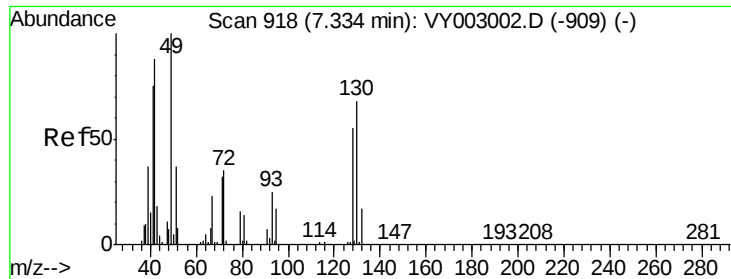
Tot Ion: 83 Resp: 178716
Ion Ratio Lower Upper
83 100
55 73.9 59.9 89.9
98 49.4 38.7 58.1



#40
Benzene
Concen: 19.331 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion: 78 Resp: 390603
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8

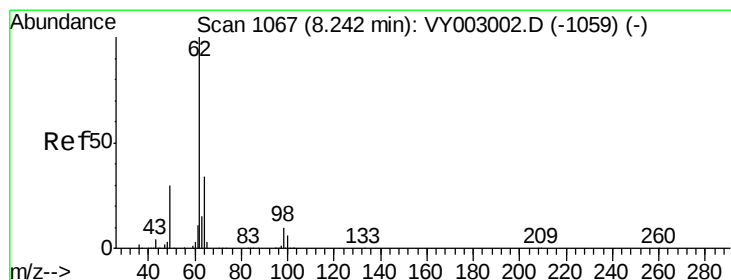
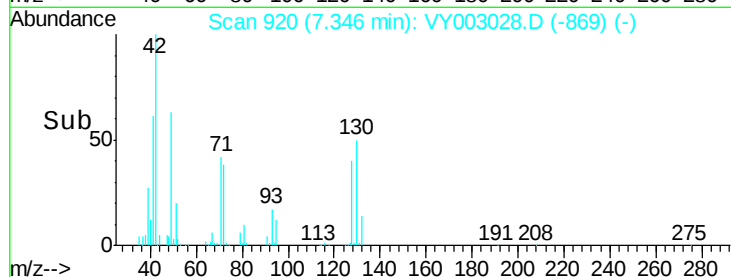
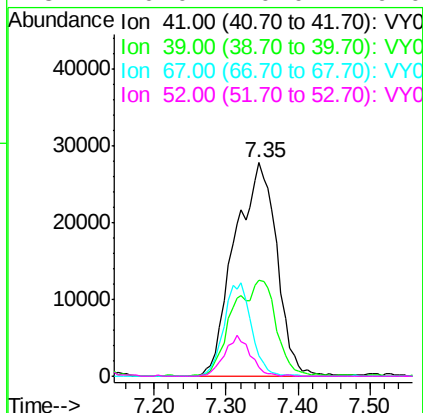
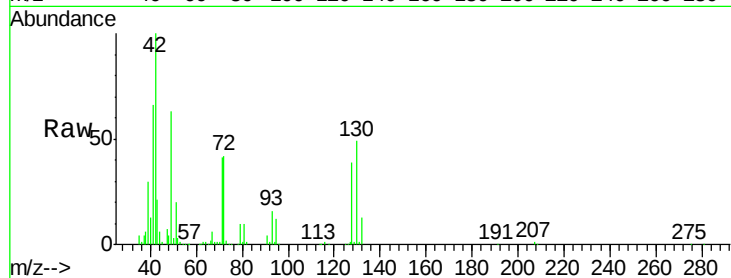




#41
Methacrylonitrile
Concen: 47.798 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

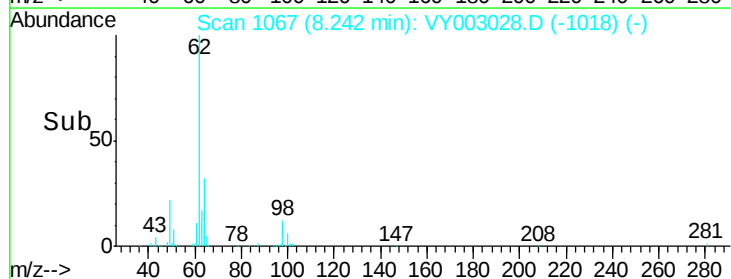
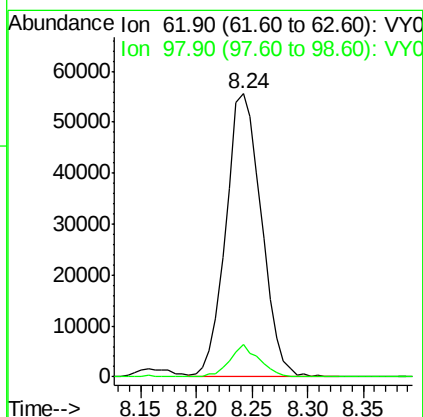
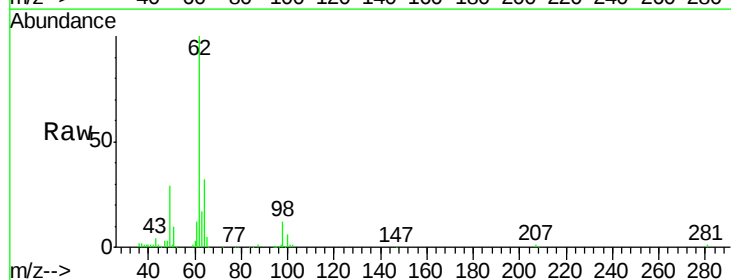
Instrument :
MSVOA_Y
ClientSampleId :

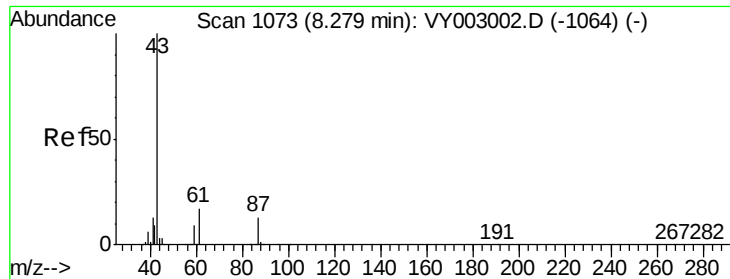
Tot Ion	Ratio	Lower	Upper
41	100		
39	23.7	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.242 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 18.768 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

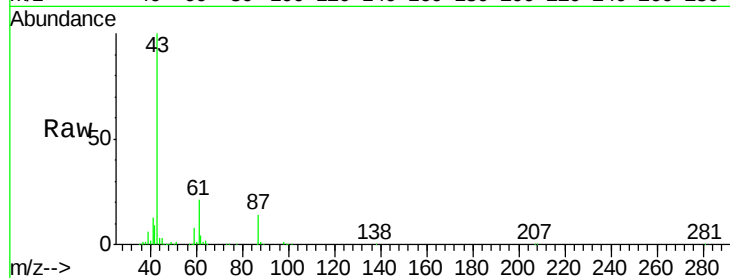
Tot Ion: 43 Resp: 158334

Ion Ratio Lower Upper

43 100

61 28.5 21.8 32.6

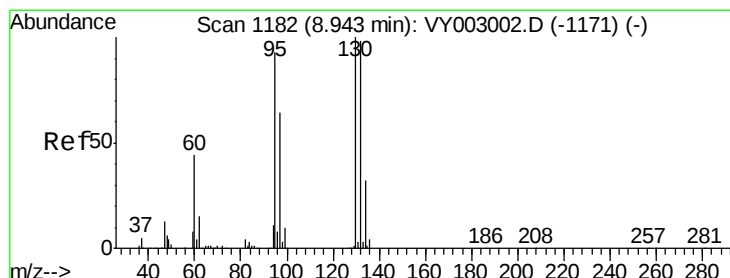
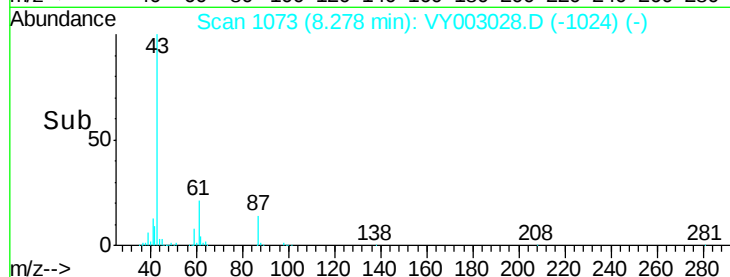
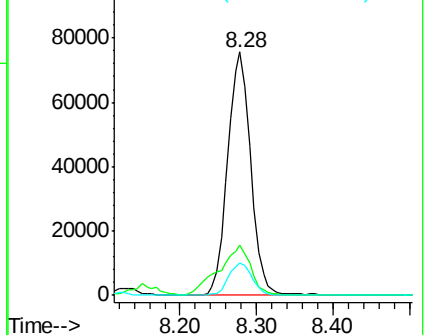
87 13.4 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY003028.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY003028.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY003028.D (-1064) (-)



#44

Trichloroethene

Concen: 19.840 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003028.D

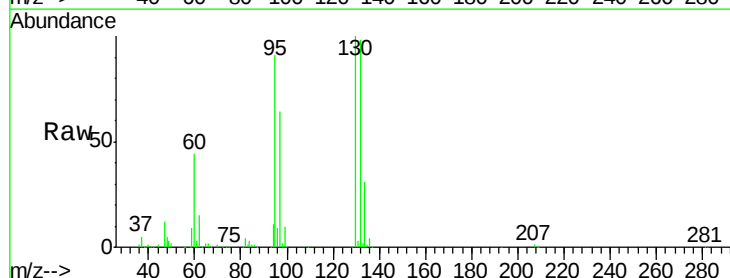
Acq: 30 Jun 2020 11:41

Tgt Ion:130 Resp: 116523

Ion Ratio Lower Upper

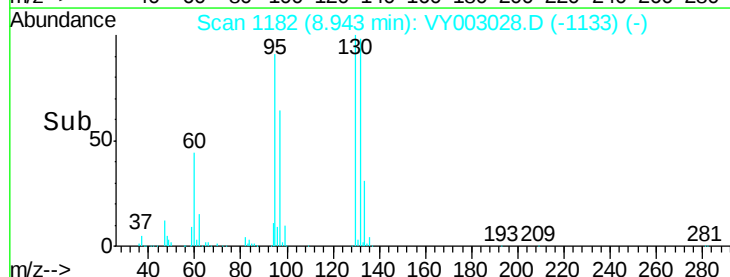
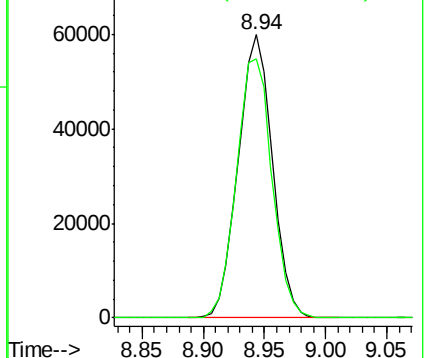
130 100

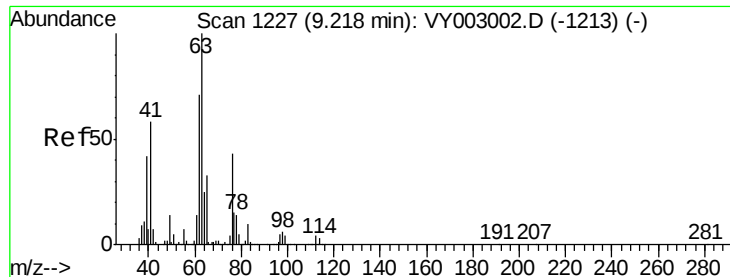
95 91.4 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): VY003028.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003028.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 18.922 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

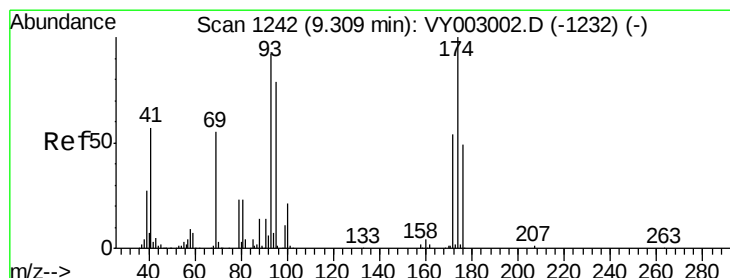
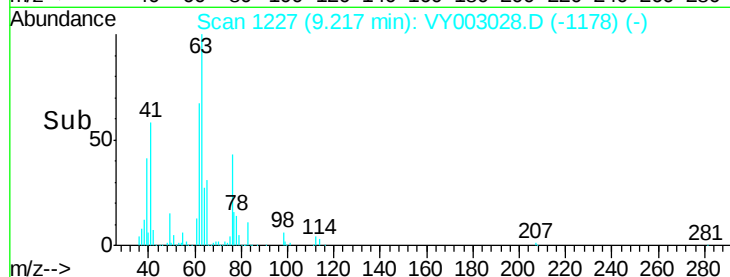
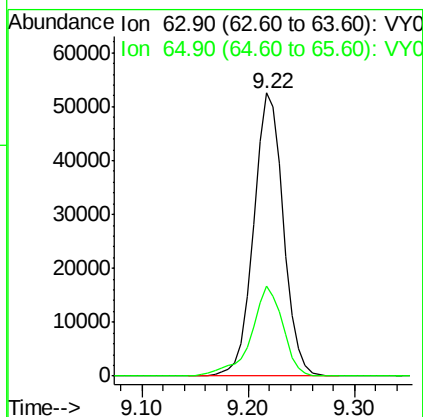
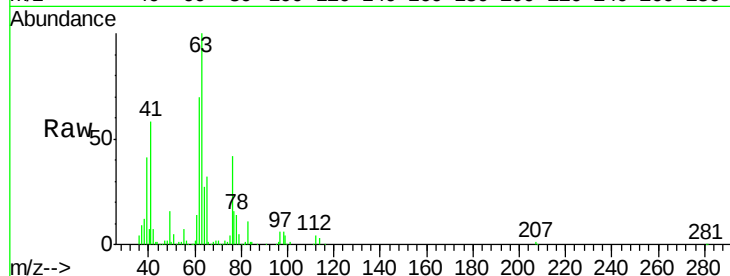
ClientSampleId :

Tot Ion: 63 Resp: 102864

Ion Ratio Lower Upper

63 100

65 31.7 26.2 39.4



#46

Dibromomethane

Concen: 19.342 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

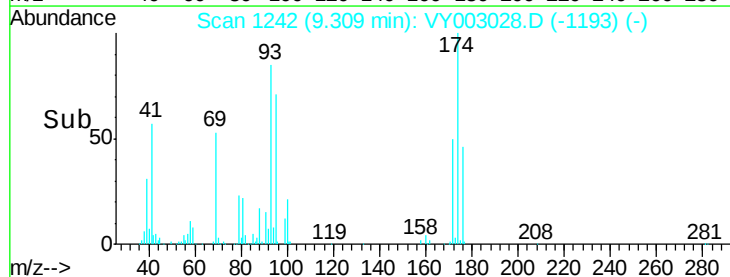
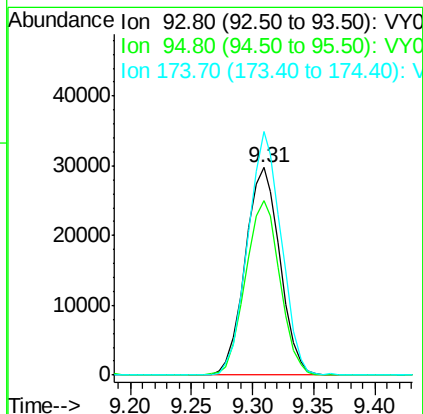
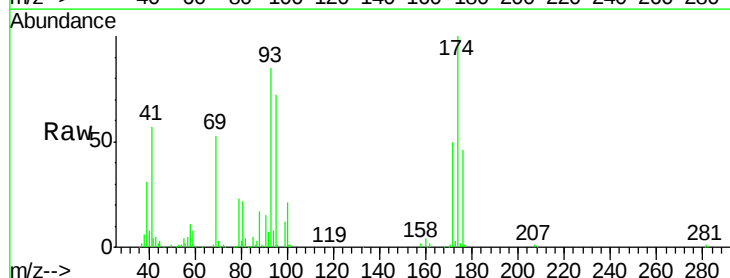
Tgt Ion: 93 Resp: 58726

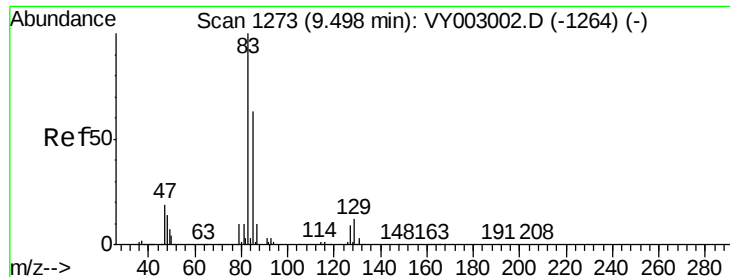
Ion Ratio Lower Upper

93 100

95 83.3 67.6 101.4

174 113.3 88.3 132.5





#47

Bromodichloromethane

Concen: 19.250 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :

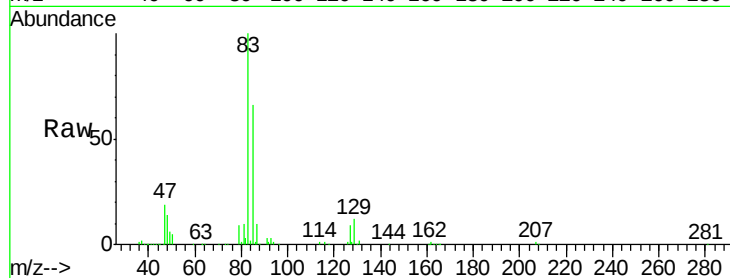
Tot Ion: 83 Resp: 143113

Ion Ratio Lower Upper

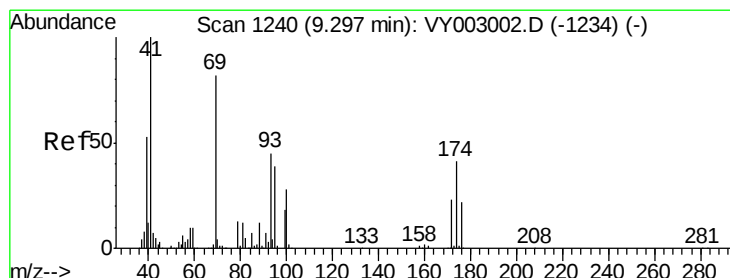
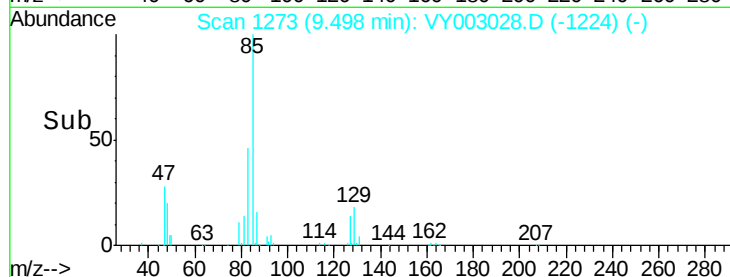
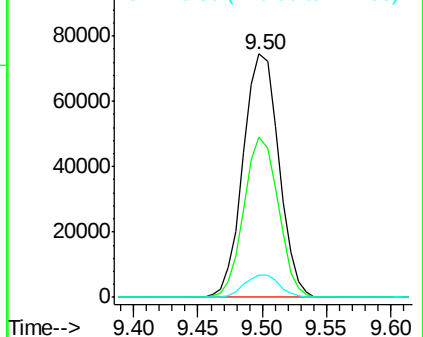
83 100

85 65.9 50.5 75.7

127 8.9 7.0 10.4



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



#48

Methyl methacrylate

Concen: 17.920 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

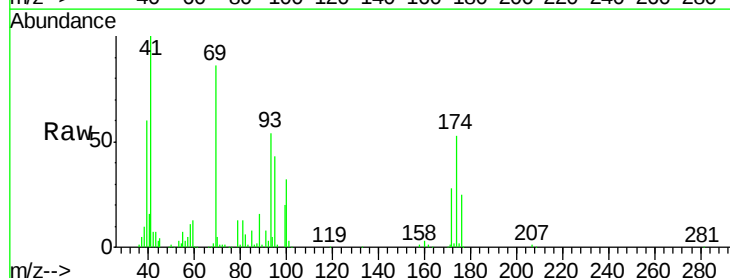
Tgt Ion: 41 Resp: 68812

Ion Ratio Lower Upper

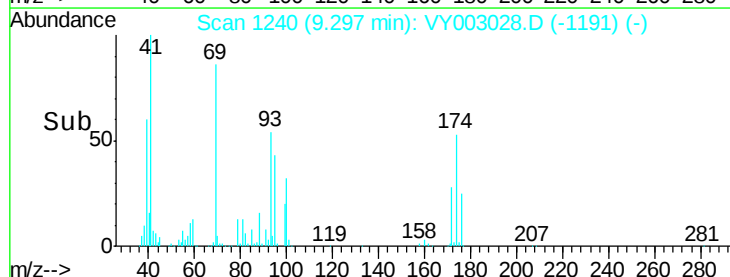
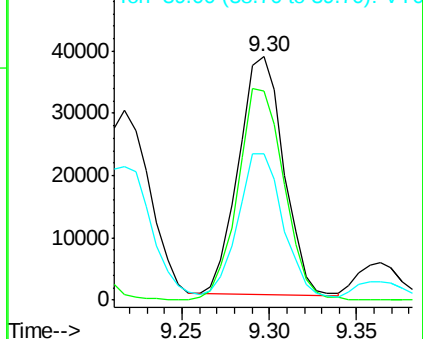
41 100

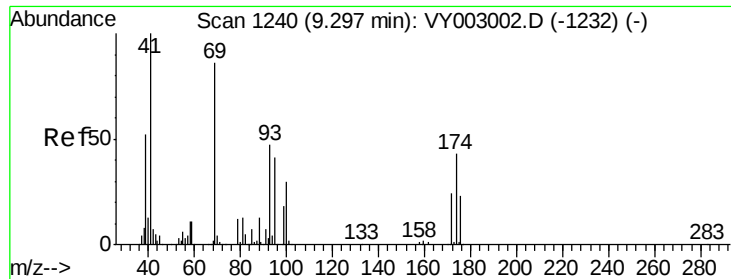
69 90.9 67.7 101.5

39 62.6 45.0 67.4



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

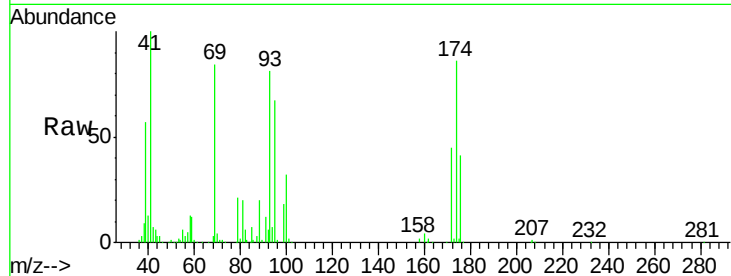




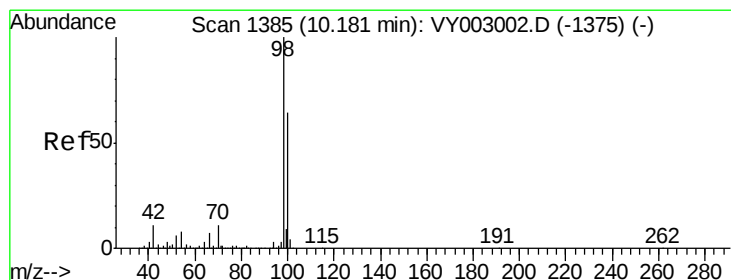
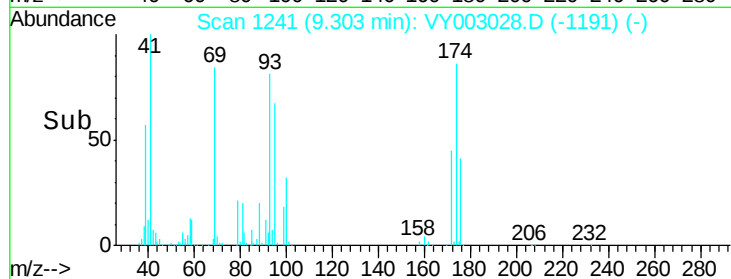
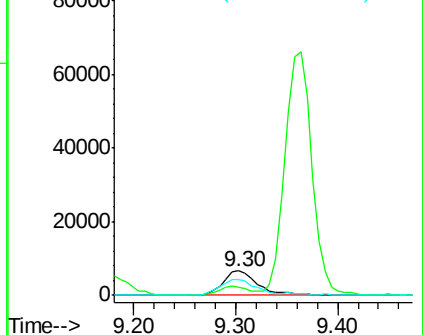
#49
1,4-Dioxane
Concen: 430.404 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 15952
Ion Ratio Lower Upper
88 100
43 33.0 28.6 42.8
58 66.1 56.7 85.1

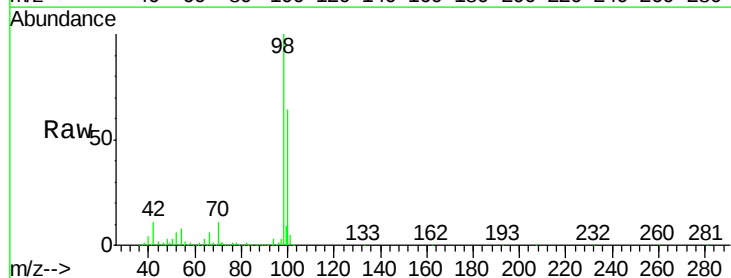


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

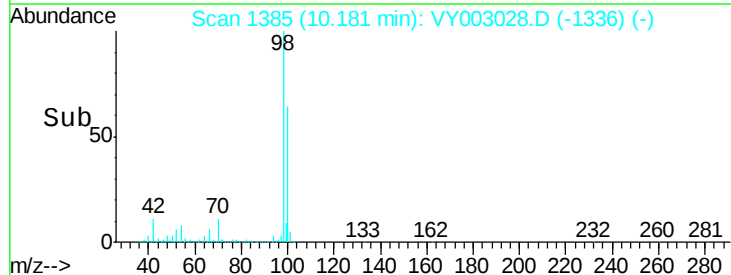
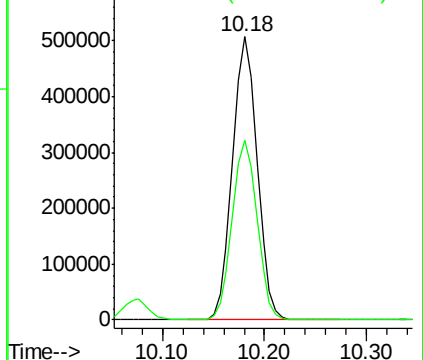


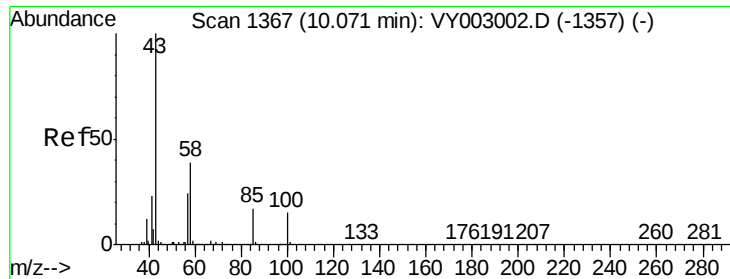
#50
Toluene-d8
Concen: 47.774 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion: 98 Resp: 850709
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



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

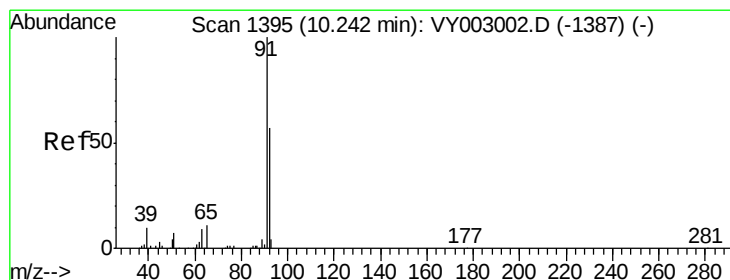
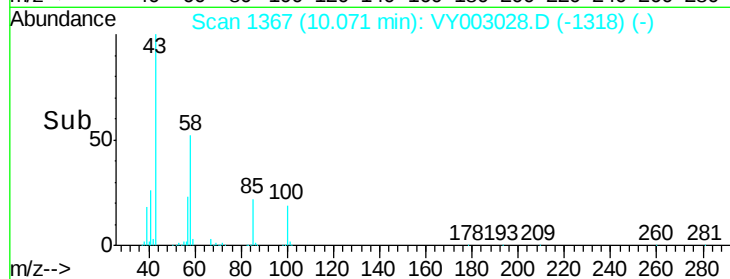
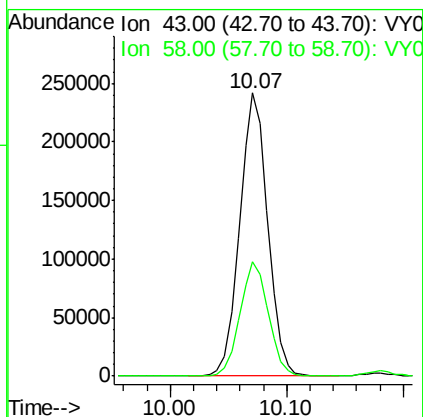
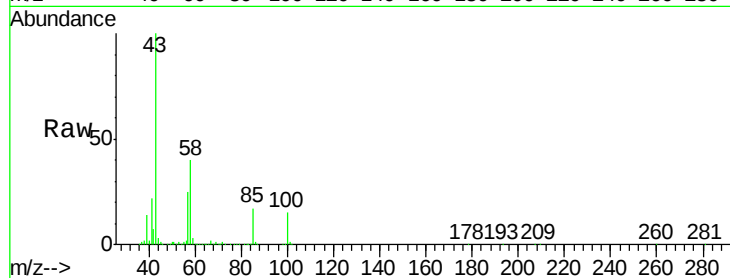




#51
4-Methyl-2-Pentanone
Concen: 93.049 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

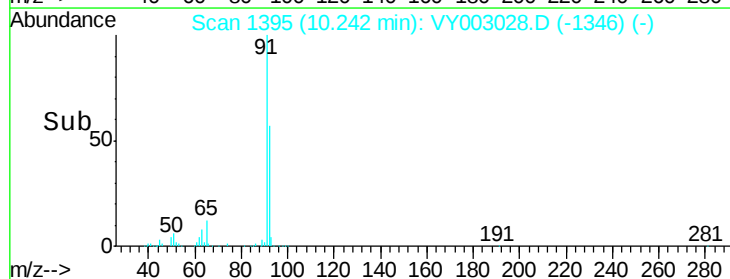
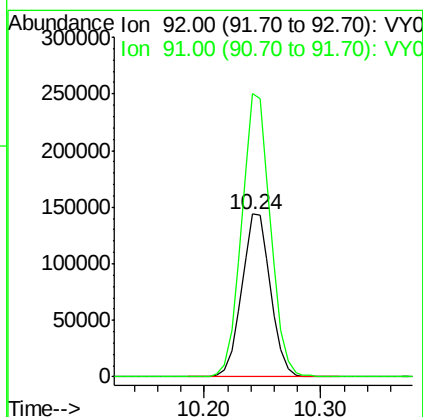
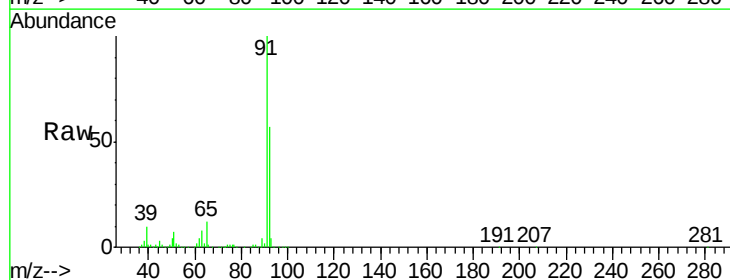
Instrument :
MSVOA_Y
ClientSampled :

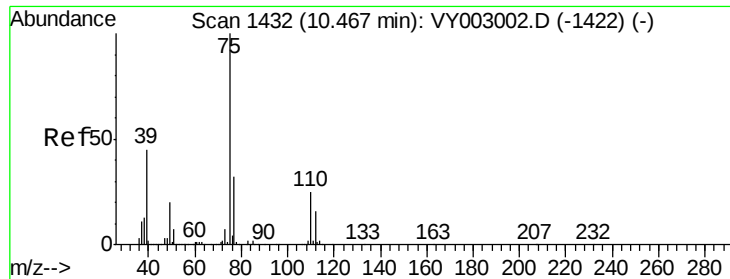
Tot Ion: 43 Resp: 405717
Ion Ratio Lower Upper
43 100
58 40.7 31.1 46.7



#52
Toluene
Concen: 19.471 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion: 92 Resp: 247666
Ion Ratio Lower Upper
92 100
91 173.3 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 19.001 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

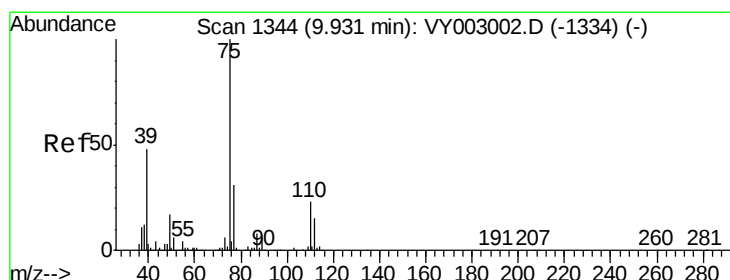
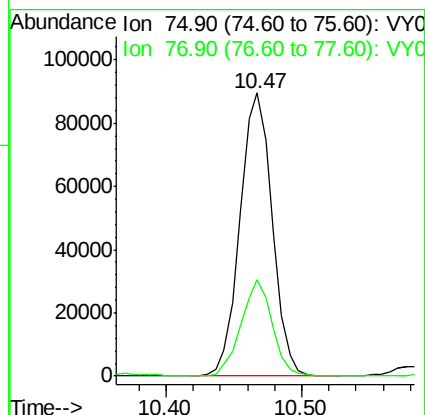
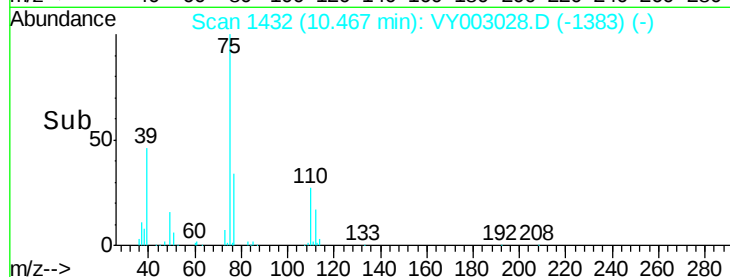
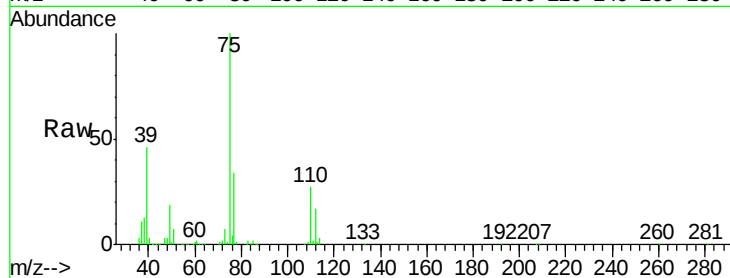
ClientSampled :

Tot Ion: 75 Resp: 148101

Ion Ratio Lower Upper

75 100

77 34.0 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 19.023 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

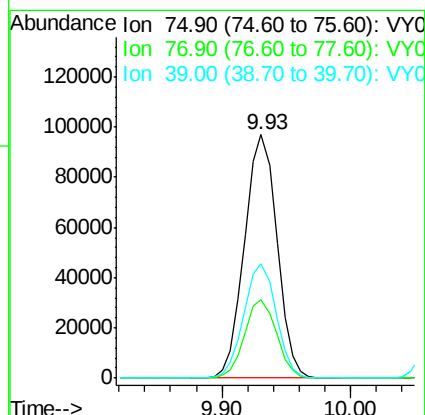
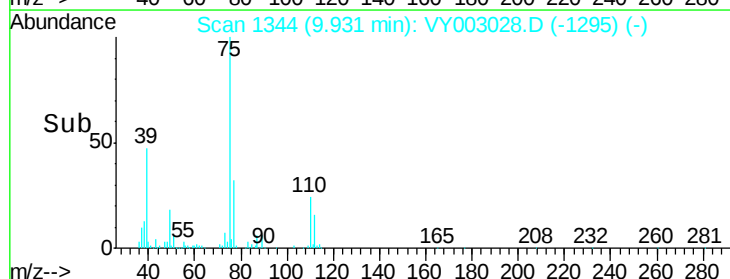
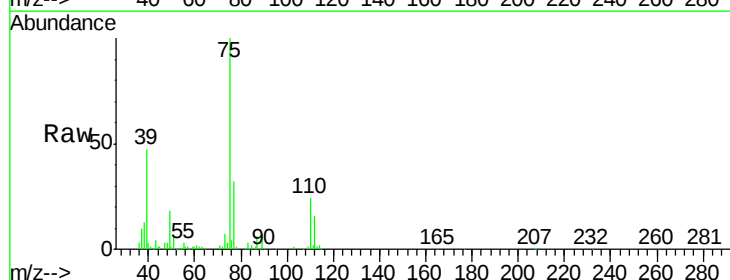
Tgt Ion: 75 Resp: 169576

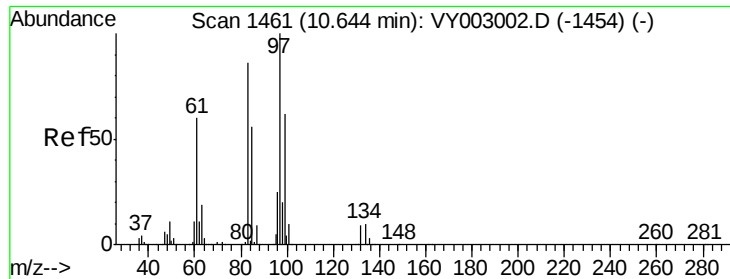
Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0

39 46.8 38.3 57.5

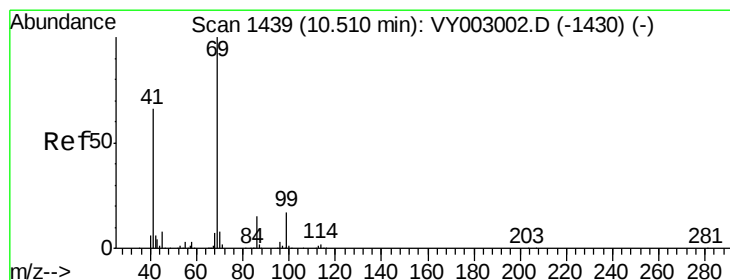
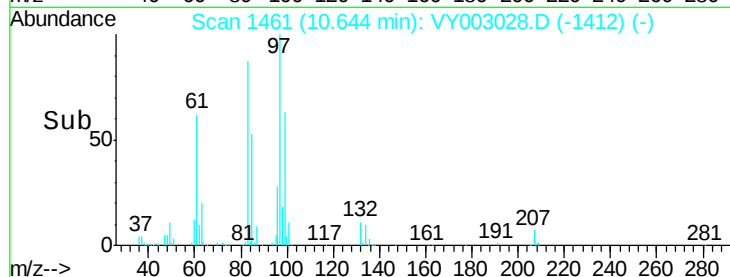
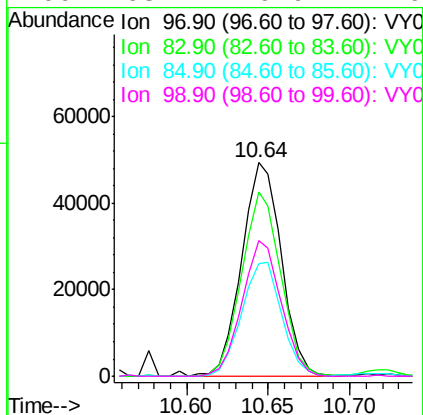
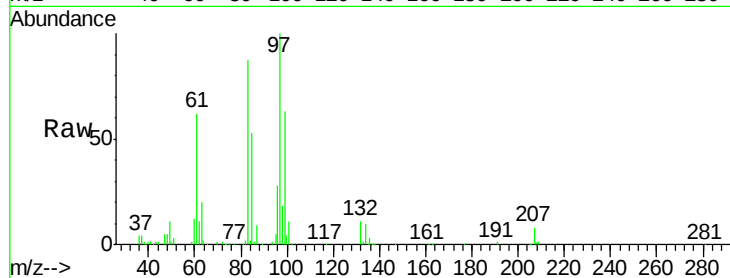




#55
 1,1,2-Trichloroethane
 Concen: 19.762 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

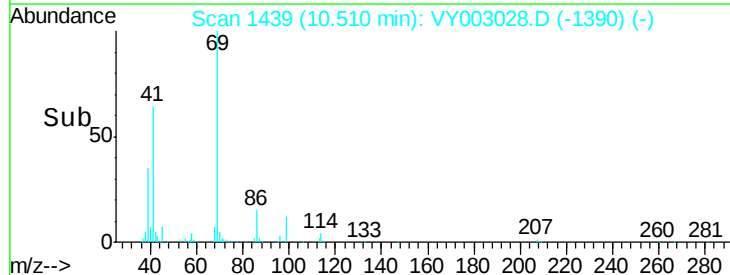
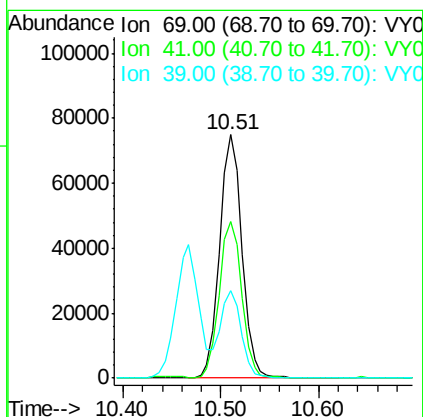
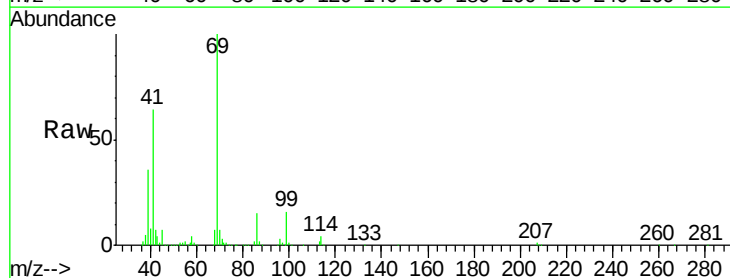
Instrument :
 MSVOA_Y
 ClientSampleId :

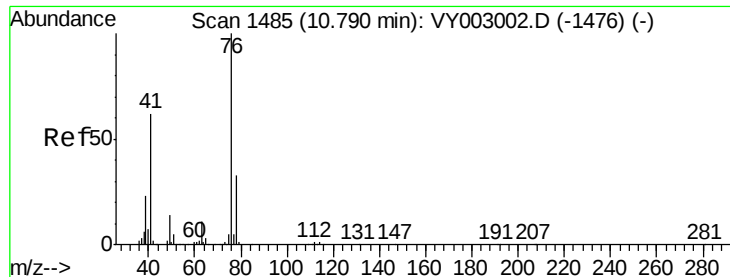
Tot Ion:	97	Resp:	83378
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.0	103.6
85	52.8	44.8	67.2
99	63.4	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 19.456 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion:	69	Resp:	118822
Ion	Ratio	Lower	Upper
69	100		
41	64.4	53.7	80.5
39	32.9	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.622 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

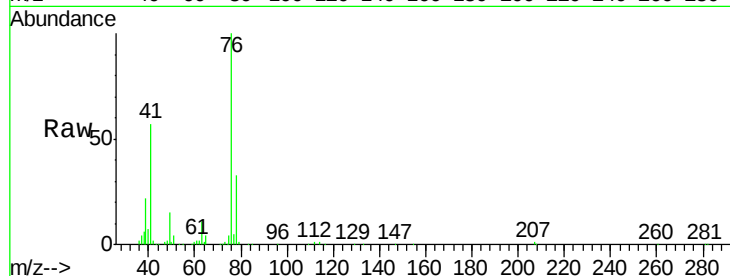
ClientSampleId :

Tot Ion: 76 Resp: 145334

Ion Ratio Lower Upper

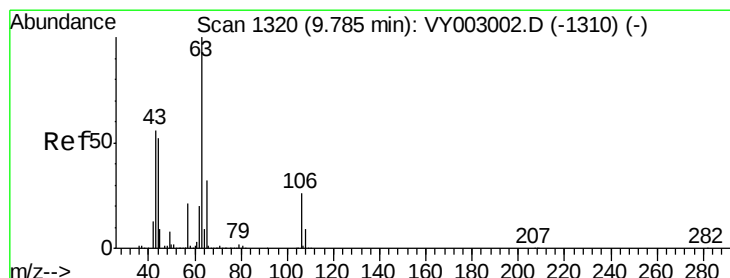
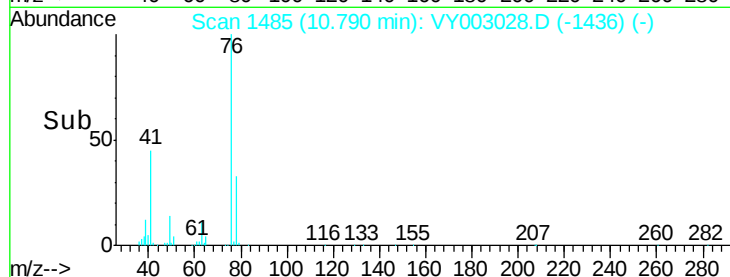
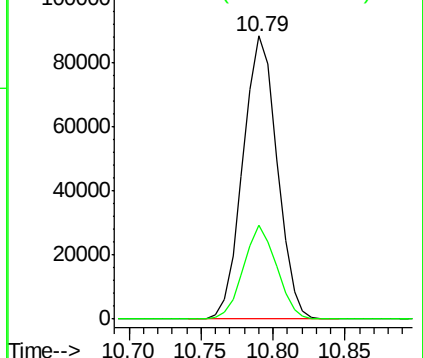
76 100

78 32.1 26.0 39.0



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: 85.895 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003028.D

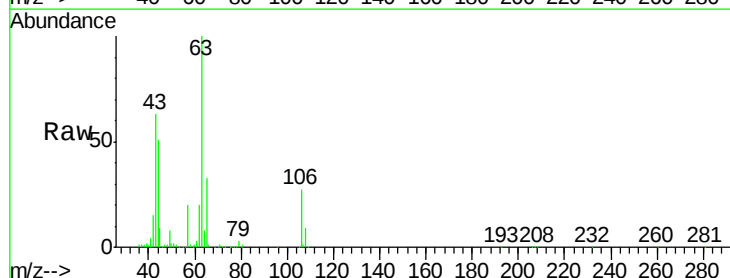
Acq: 30 Jun 2020 11:41

Tgt Ion: 63 Resp: 269048

Ion Ratio Lower Upper

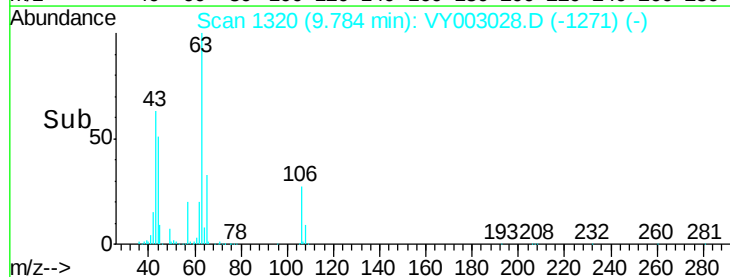
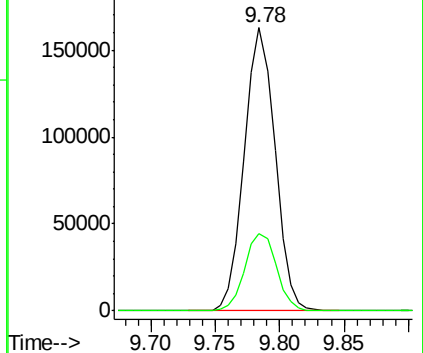
63 100

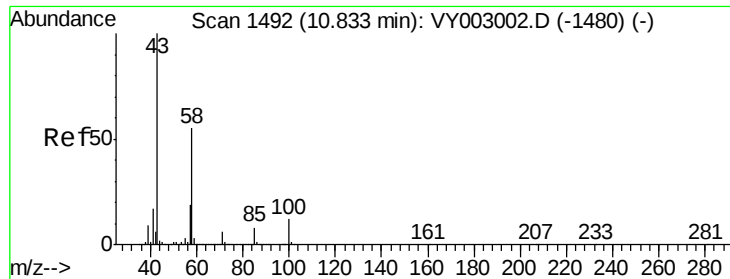
106 28.1 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

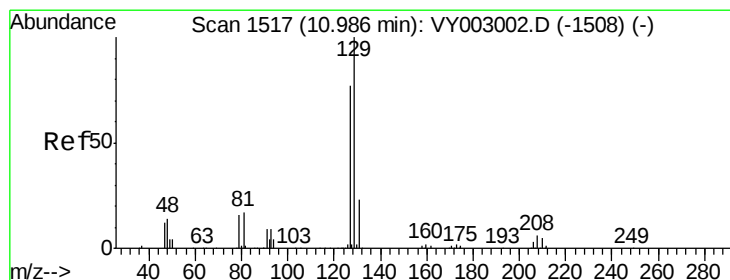
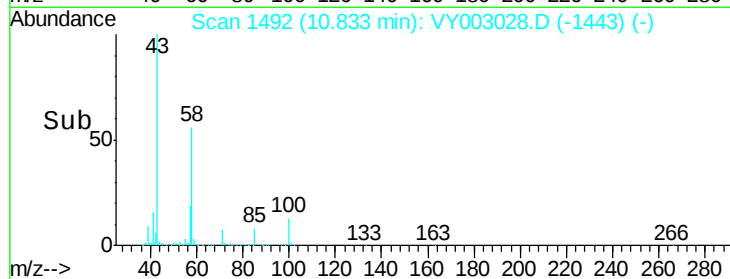
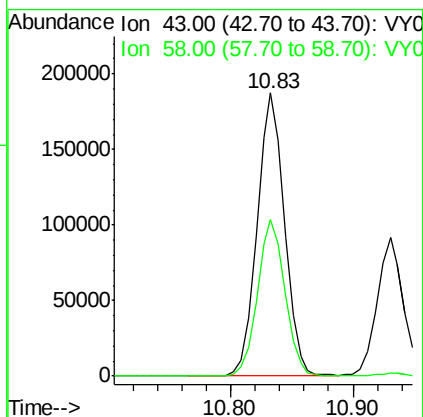
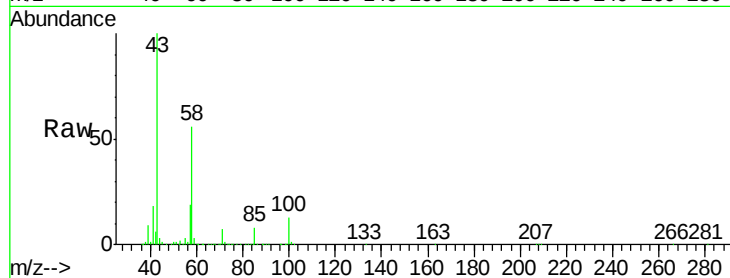




#59
2-Hexanone
Concen: 95.932 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

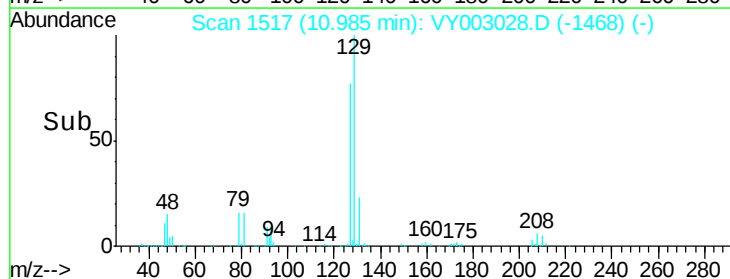
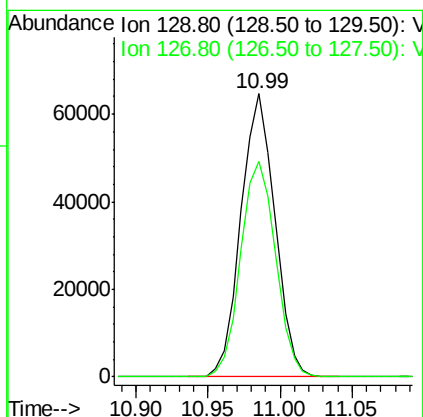
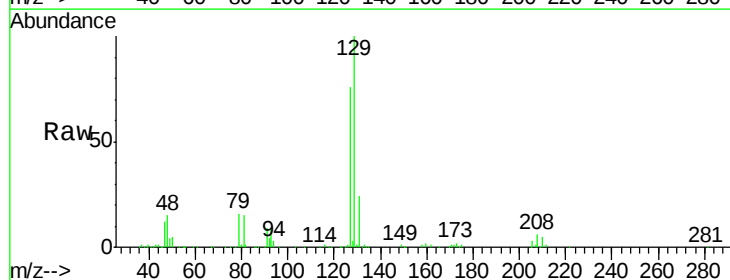
Instrument :
MSVOA_Y
ClientSampleId :

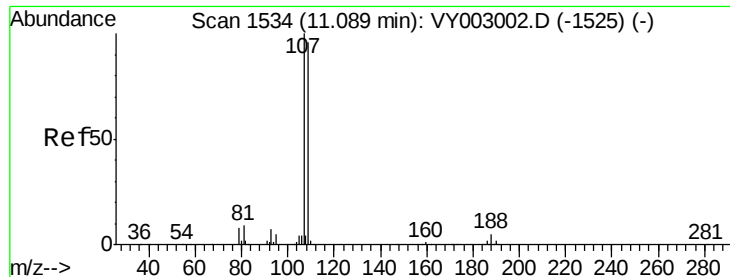
Tot Ion: 43 Resp: 292371
Ion Ratio Lower Upper
43 100
58 55.5 27.5 82.4



#60
Dibromochloromethane
Concen: 19.608 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion: 129 Resp: 105868
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3

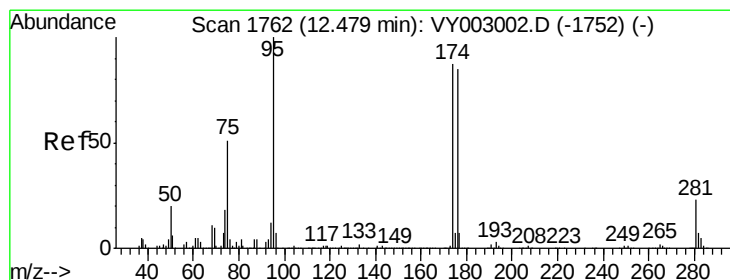
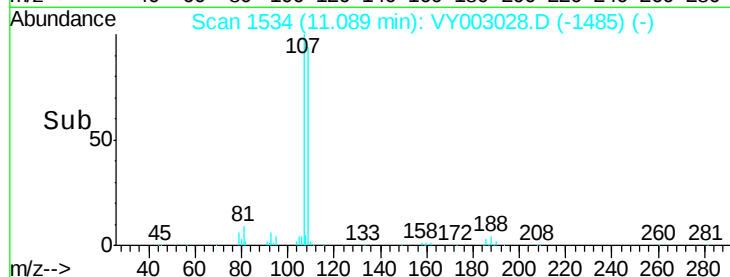
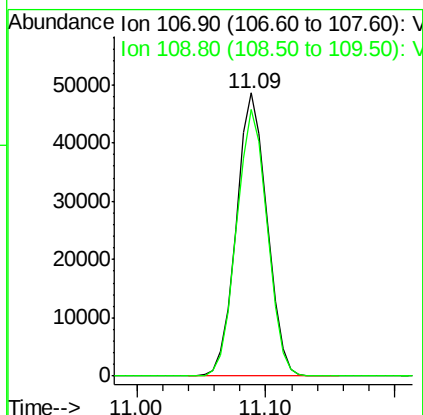
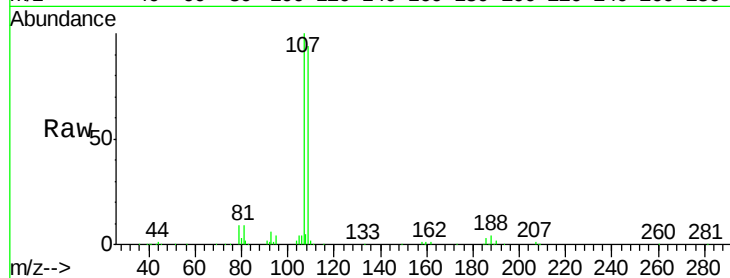




#61
 1,2-Dibromoethane
 Concen: 19.278 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

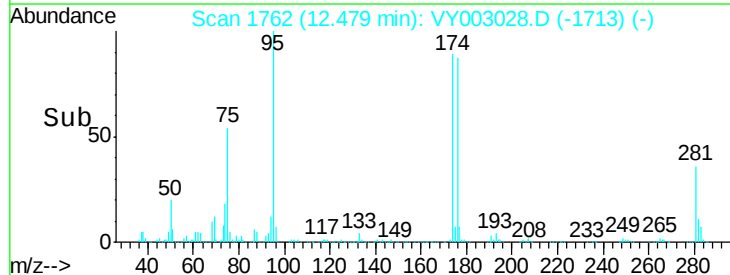
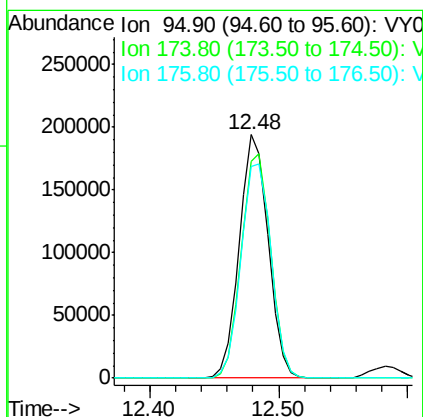
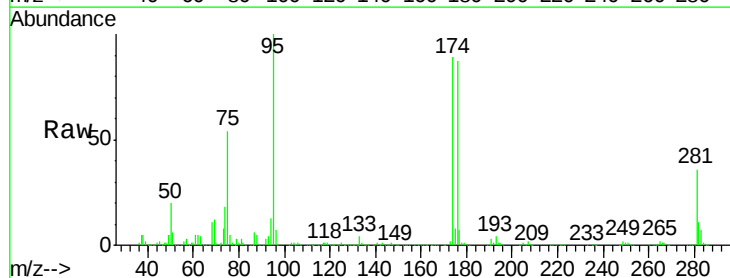
Instrument :
 MSVOA_Y
 ClientSampled :

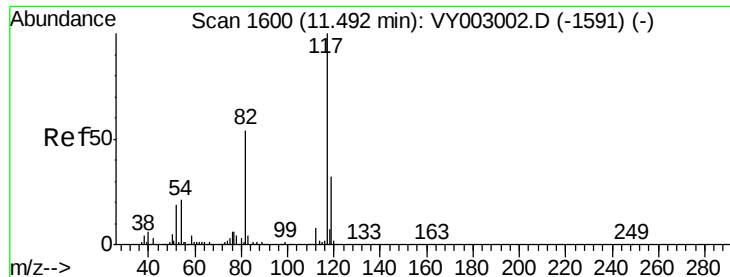
Tot Ion: 107 Resp: 80184
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 47.899 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion: 95 Resp: 300238
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 184.8
 176 92.0 0.0 183.0

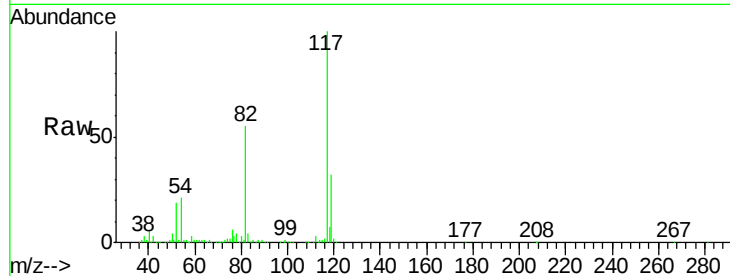




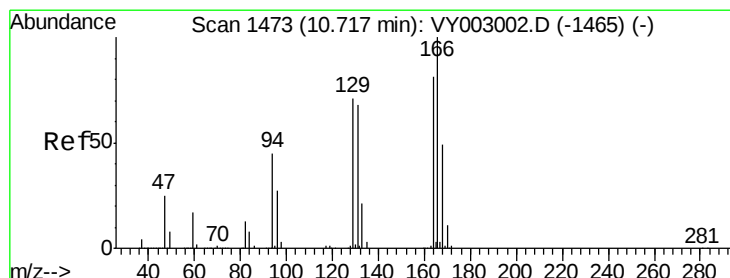
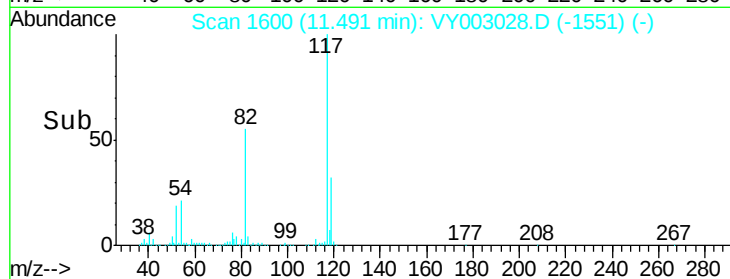
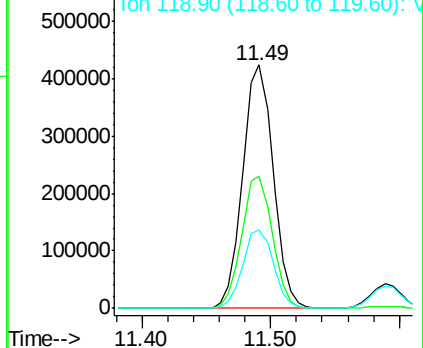
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 692638
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.6
119 32.5 25.8 38.8

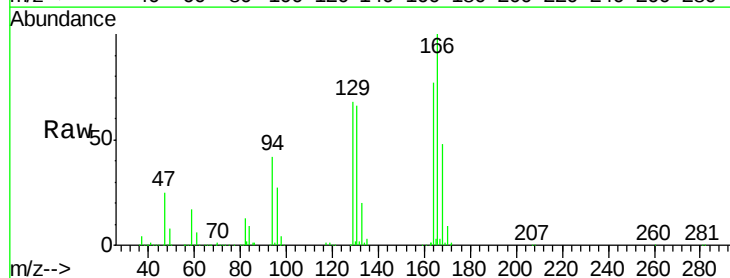


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

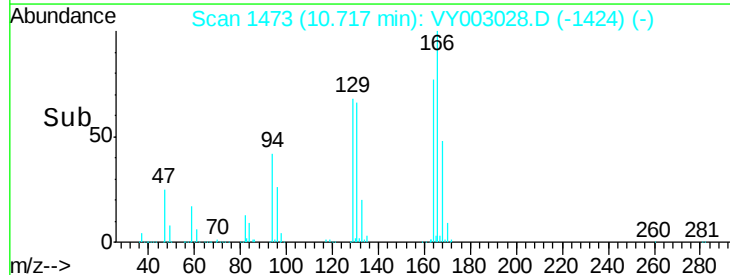
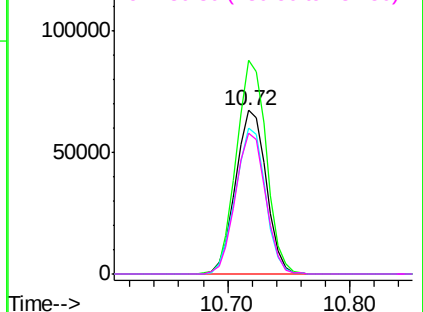


#64
Tetrachloroethene
Concen: 19.946 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion:164 Resp: 116926
Ion Ratio Lower Upper
164 100
166 130.4 98.5 147.7
129 89.1 69.7 104.5
131 85.7 67.2 100.8



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

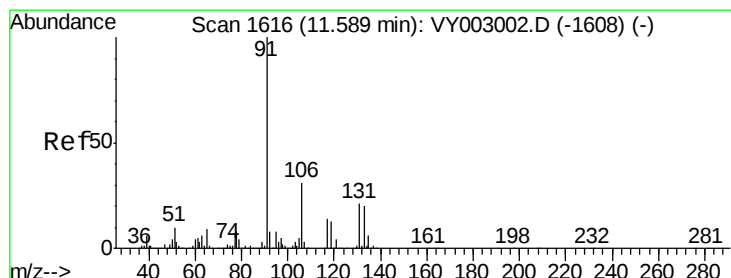
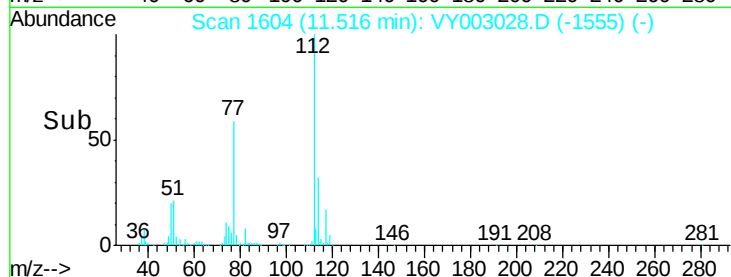
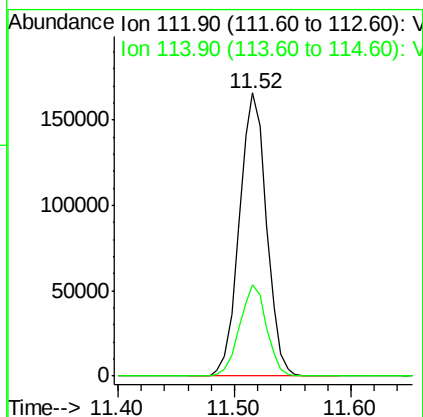
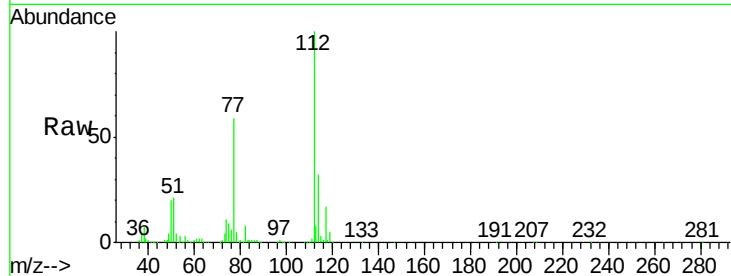




#65
Chlorobenzene
Concen: 19.779 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

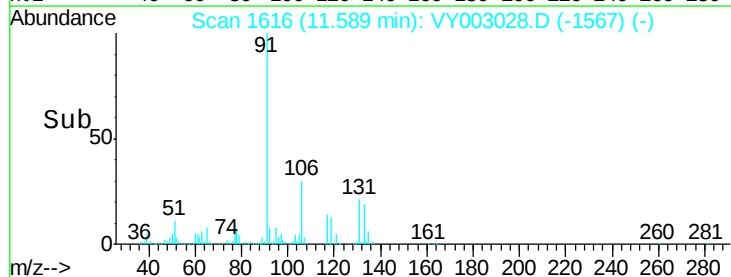
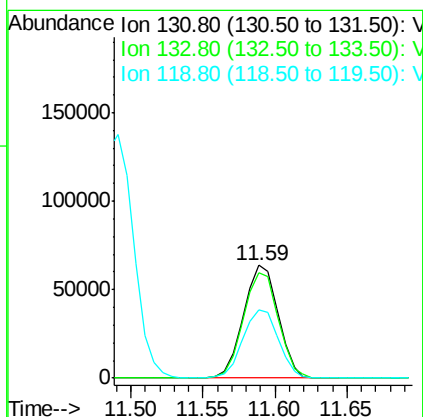
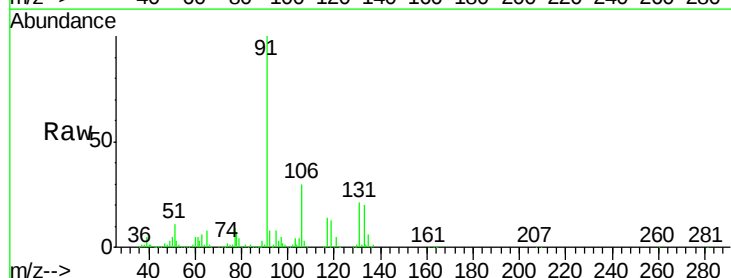
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:112 Resp: 270130
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.836 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion:131 Resp: 105771
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.8
119 62.2 31.8 95.3





#67

Ethyl Benzene

Concen: 19.441 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

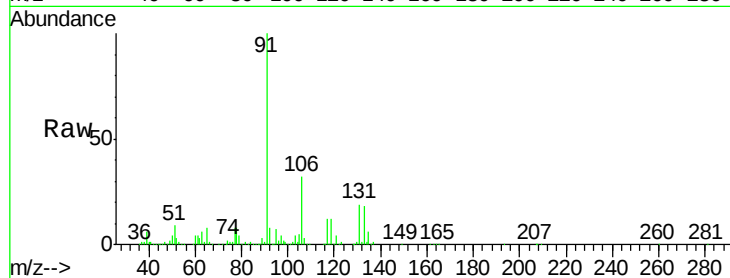
ClientSampleId :

Tot Ion: 91 Resp: 485753

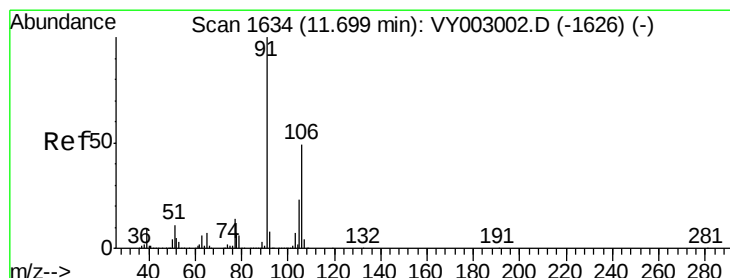
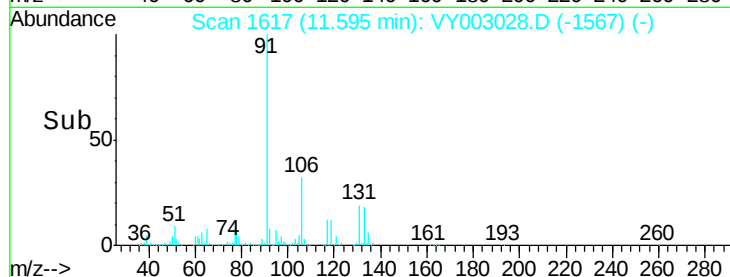
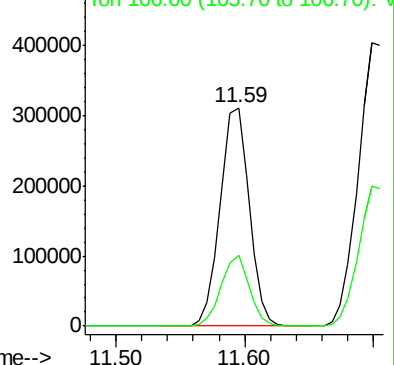
Ion Ratio Lower Upper

91 100

106 32.4 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1607) (-)



#68

m/p-Xylenes

Concen: 39.041 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003028.D

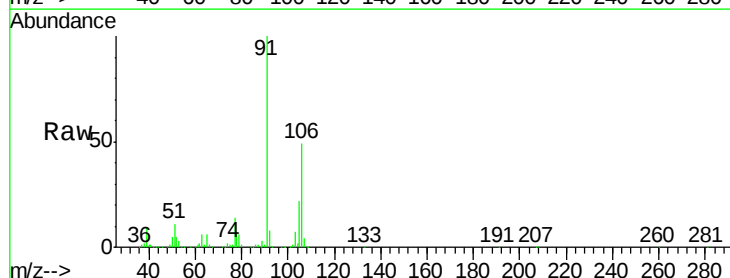
Acq: 30 Jun 2020 11:41

Tgt Ion: 106 Resp: 363043

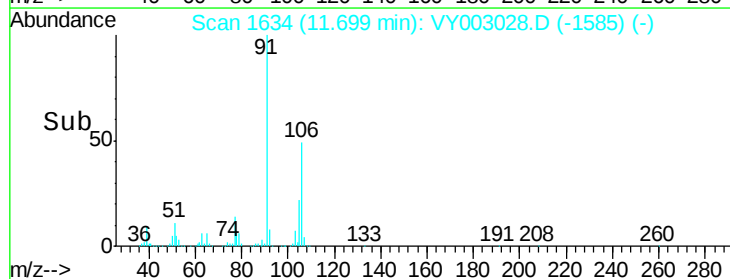
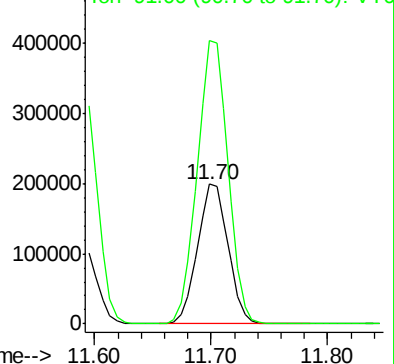
Ion Ratio Lower Upper

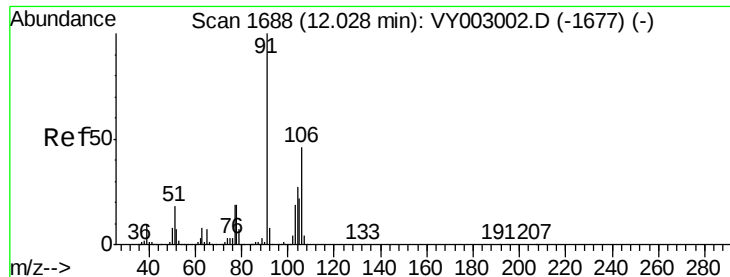
106 100

91 204.3 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): VY003002.D (-1626) (-)

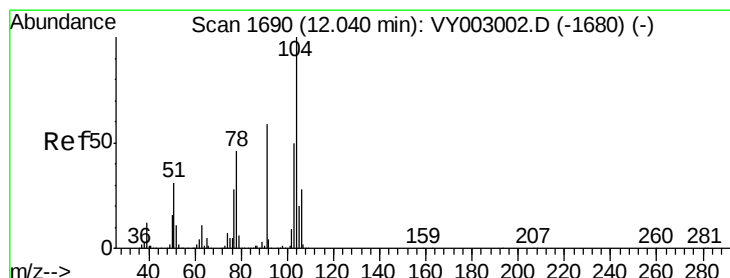
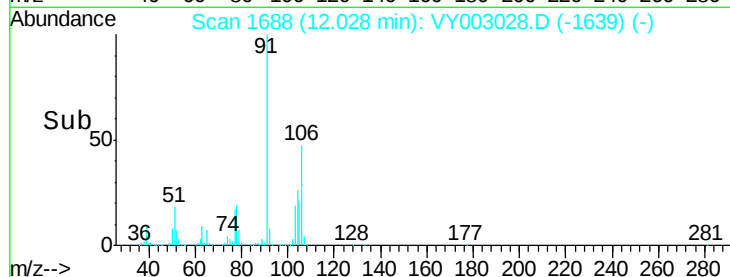
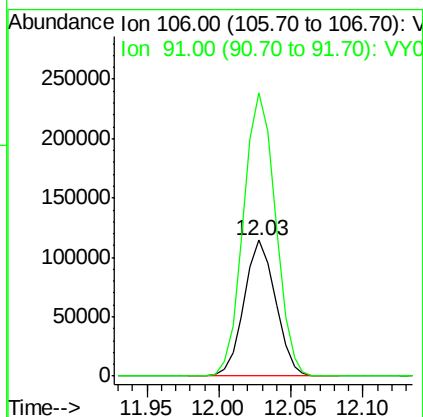
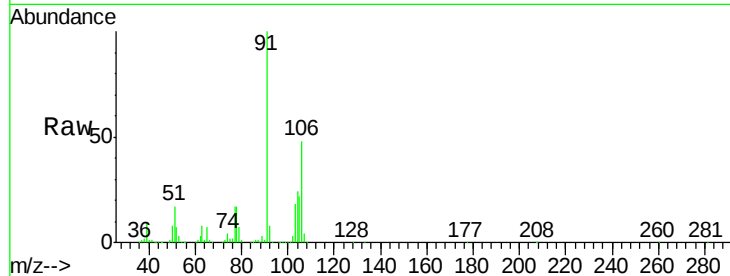




#69
o-Xylene
Concen: 19.825 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

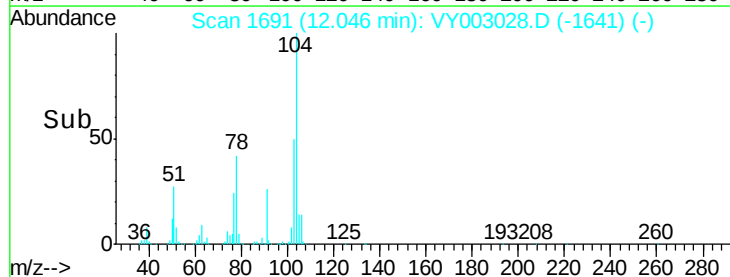
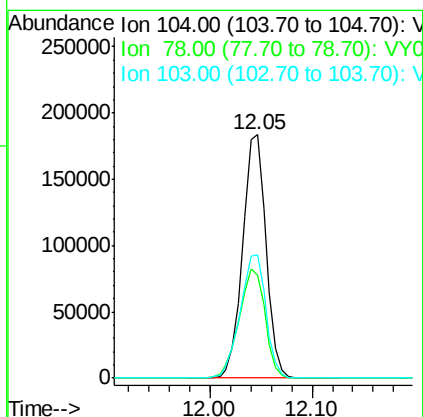
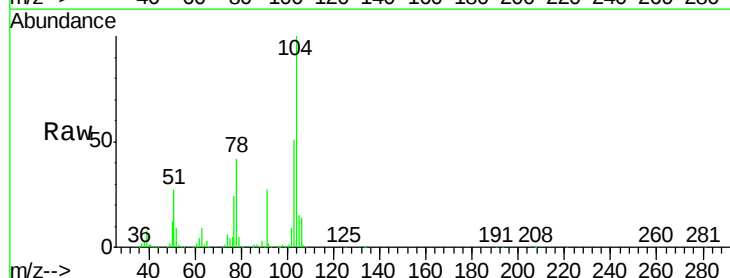
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 173724
Ion Ratio Lower Upper
106 100
91 212.1 107.9 323.8



#70
Styrene
Concen: 19.494 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion:104 Resp: 291827
Ion Ratio Lower Upper
104 100
78 49.7 40.4 60.6
103 55.8 44.1 66.1





#71

Bromoform

Concen: 19.761 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

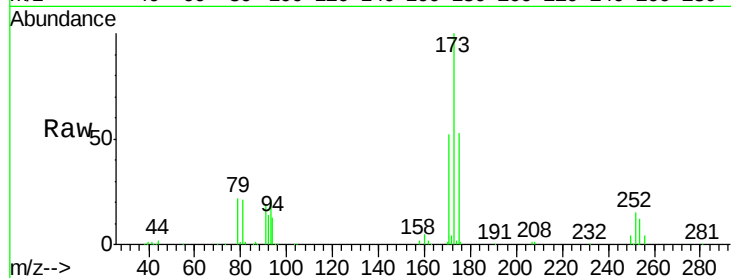
Tot Ion:173 Resp: 70262

Ion Ratio Lower Upper

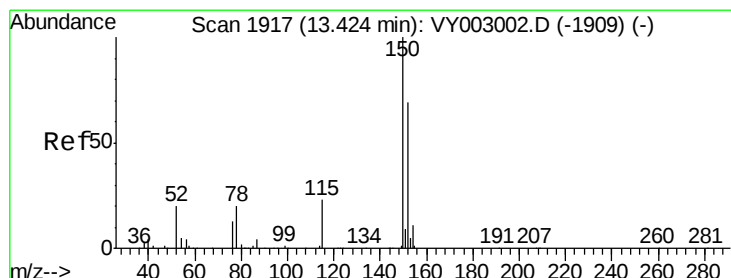
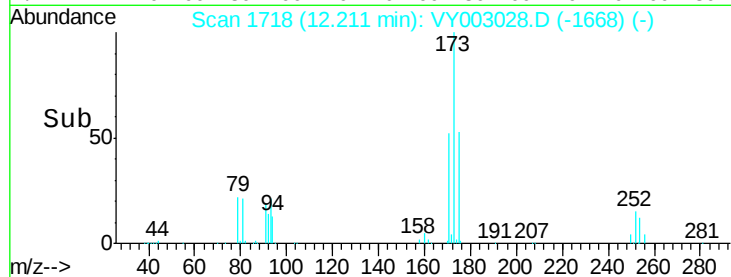
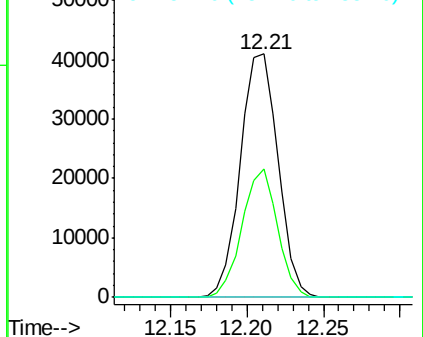
173 100

175 49.6 24.6 73.6

254 0.2 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: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

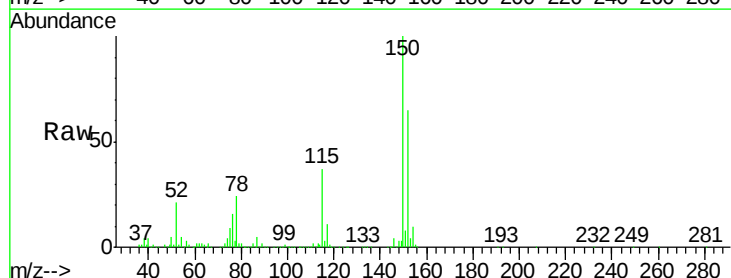
Tgt Ion:152 Resp: 366885

Ion Ratio Lower Upper

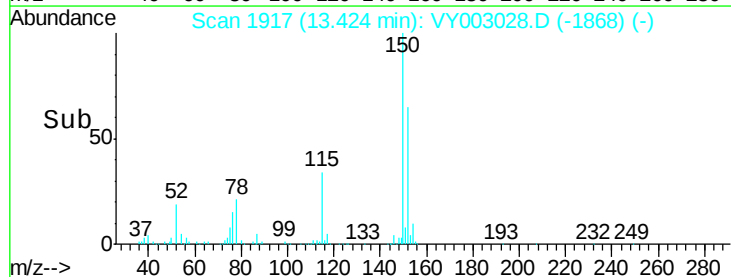
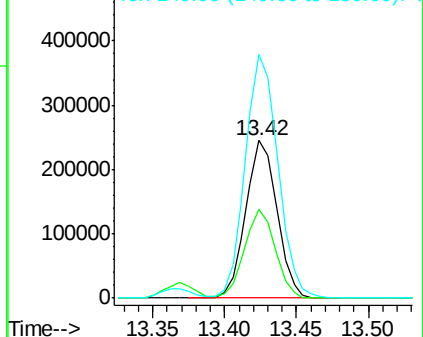
152 100

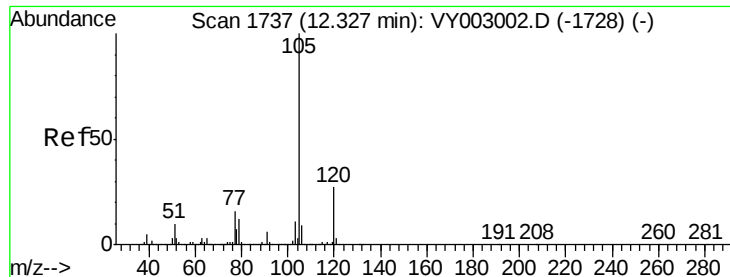
115 55.1 27.3 81.9

150 161.7 0.0 343.4



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: 19.798 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

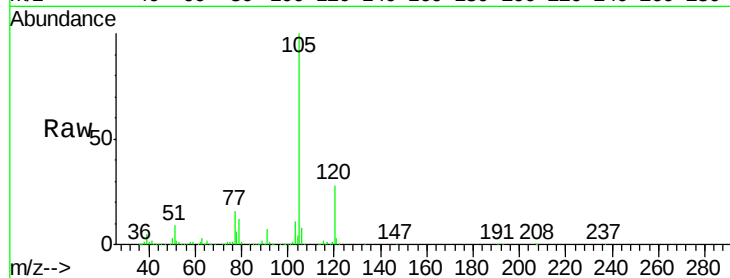
ClientSampleId :

Tot Ion:105 Resp: 475383

Ion Ratio Lower Upper

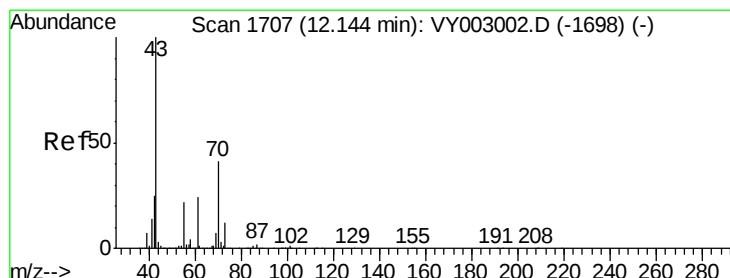
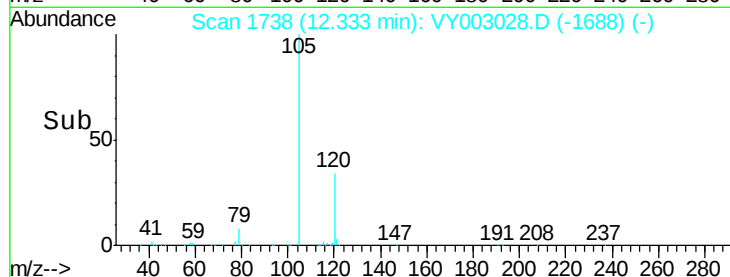
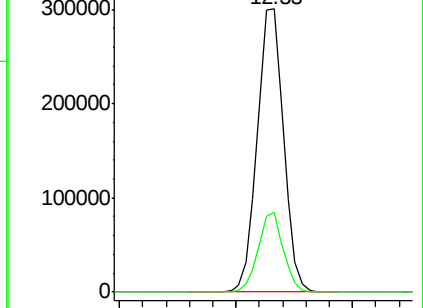
105 100

120 26.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.796 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Tgt Ion: 43 Resp: 146926

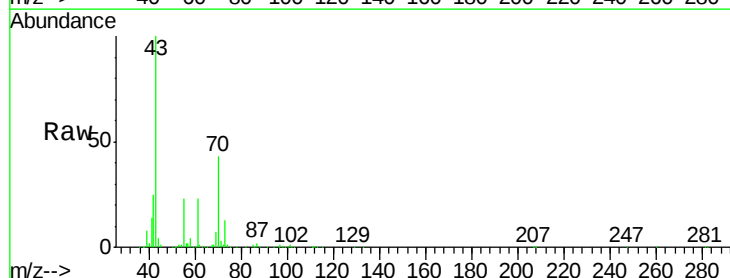
Ion Ratio Lower Upper

43 100

70 43.6 33.0 49.4

55 22.6 18.2 27.2

61 25.0 19.4 29.2

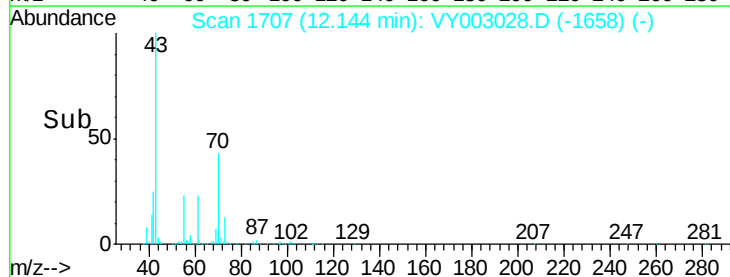
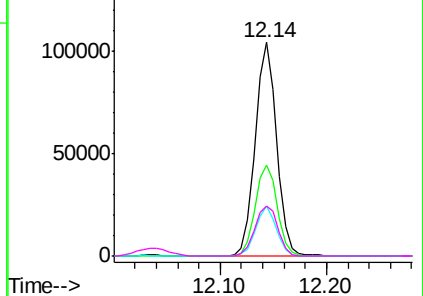


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.060 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

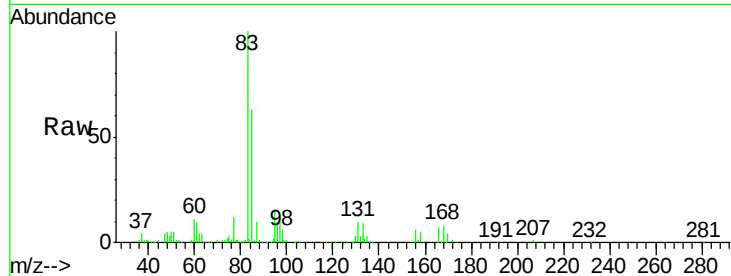
Tot Ion: 83 Resp: 97203

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

85 63.8 32.1 96.3



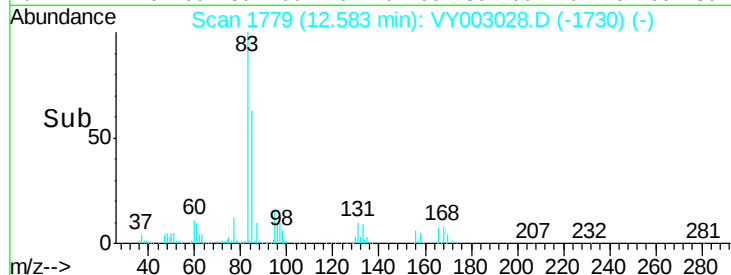
Abundance Ion 82.90 (82.60 to 83.60): VY003002.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY003002.D (-1770) (-)

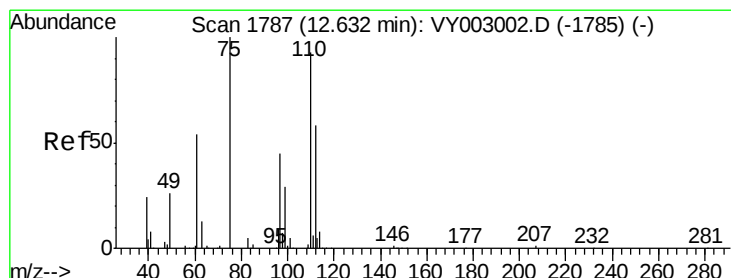
Ion 84.90 (84.60 to 85.60): VY003002.D (-1770) (-)

12.58

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 37.002 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003028.D

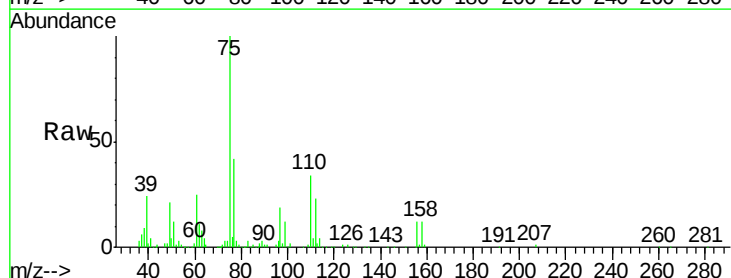
Acq: 30 Jun 2020 11:41

Tgt Ion: 75 Resp: 134355

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

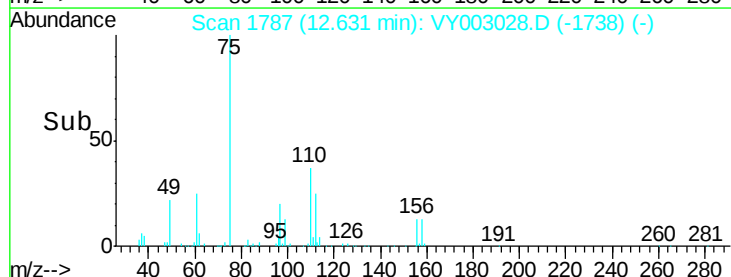


Abundance Ion 74.90 (74.60 to 75.60): VY003002.D (-1785) (-)

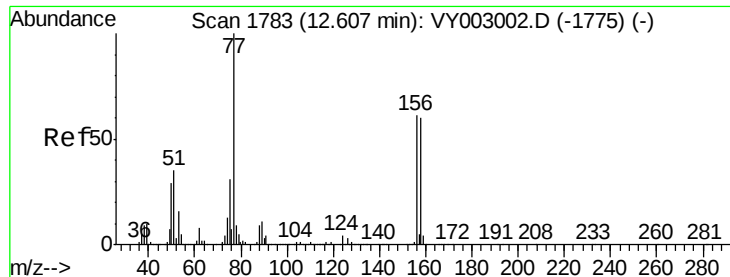
Ion 77.00 (76.70 to 77.70): VY003002.D (-1785) (-)

12.63

Time-->



Time-->



#77

Bromobenzene

Concen: 19.652 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

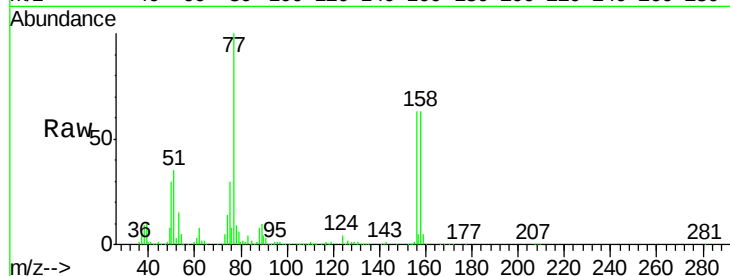
Tot Ion:156 Resp: 120985

Ion Ratio Lower Upper

156 100

77 177.1 90.0 270.0

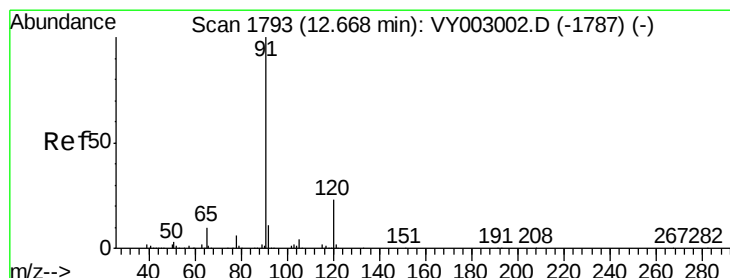
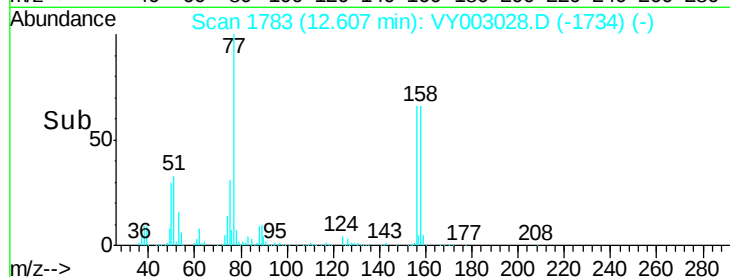
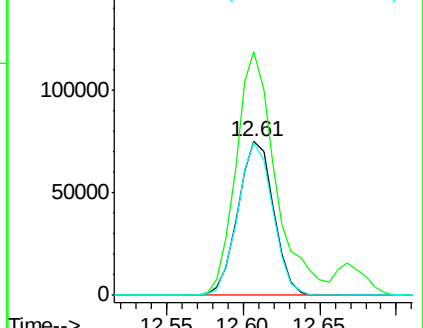
158 97.4 48.5 145.5



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: 19.678 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003028.D

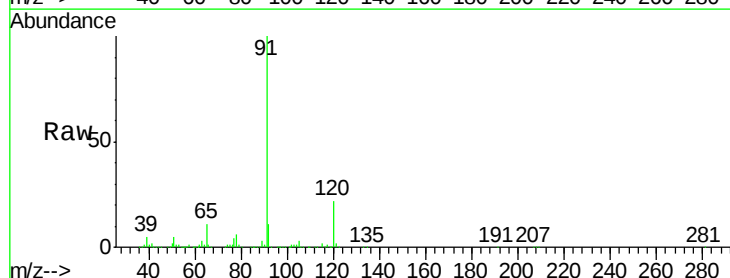
Acq: 30 Jun 2020 11:41

Tgt Ion: 91 Resp: 568246

Ion Ratio Lower Upper

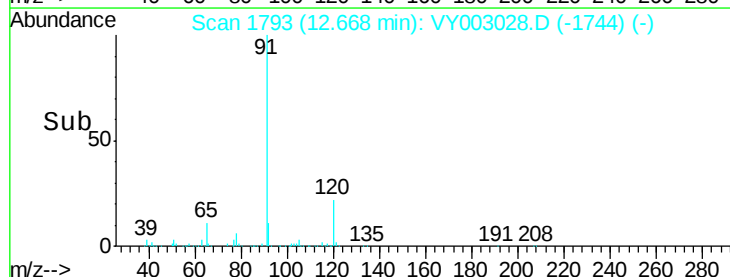
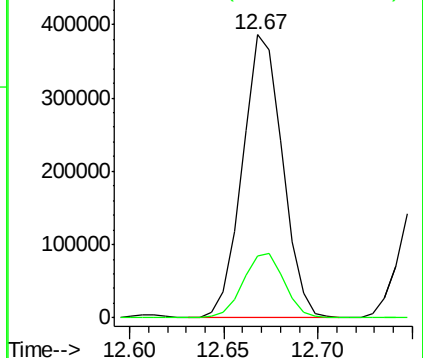
91 100

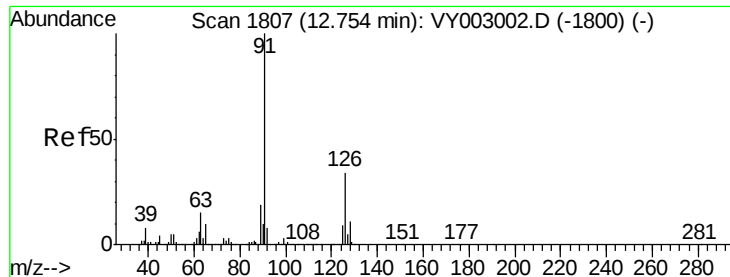
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.771 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

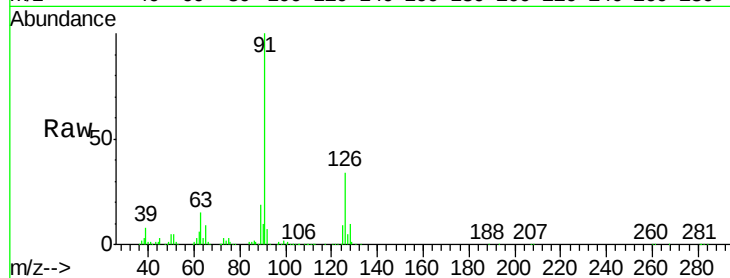
ClientSampled :

Tot Ion: 91 Resp: 318682

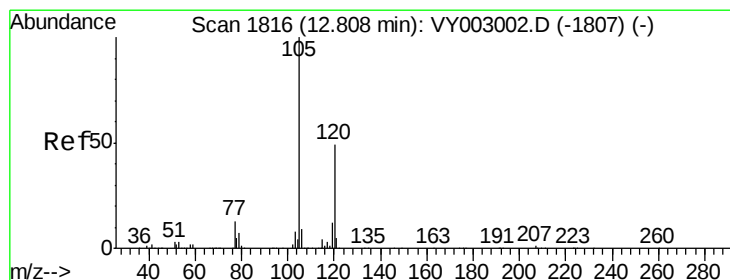
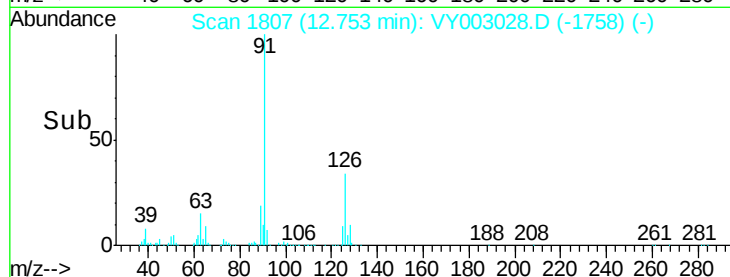
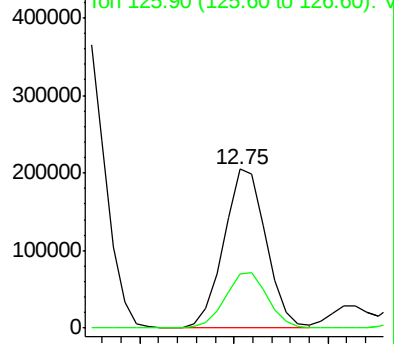
Ion Ratio Lower Upper

91 100

126 35.2 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.689 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003028.D

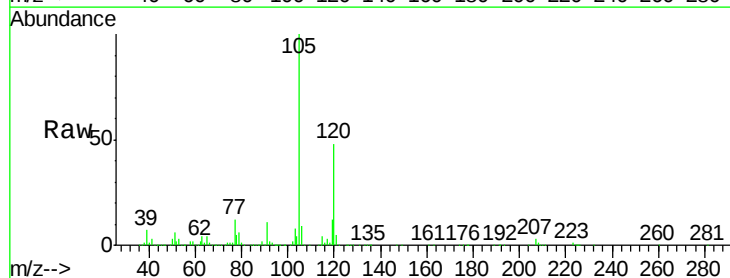
Acq: 30 Jun 2020 11:41

Tgt Ion:105 Resp: 396718

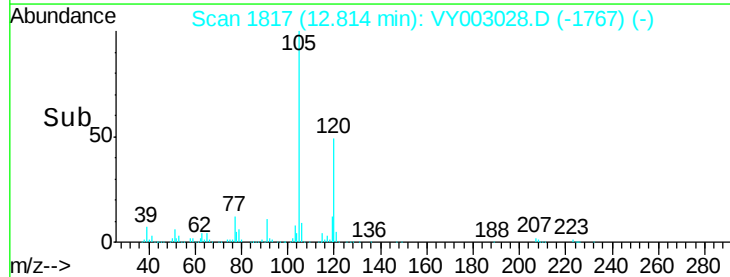
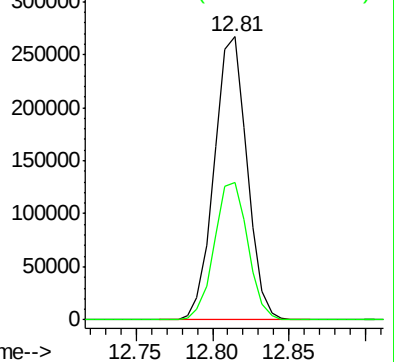
Ion Ratio Lower Upper

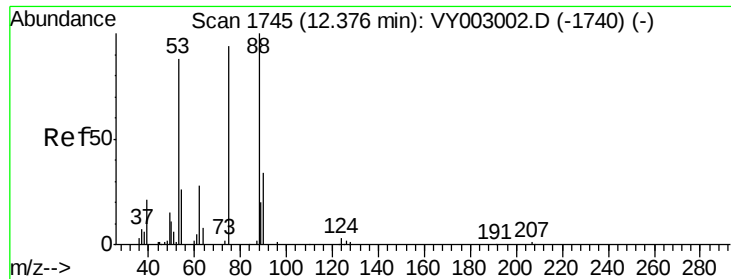
105 100

120 49.7 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VY003002.D (-1807) (-)

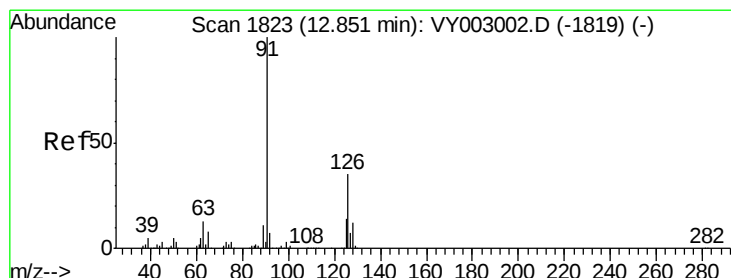
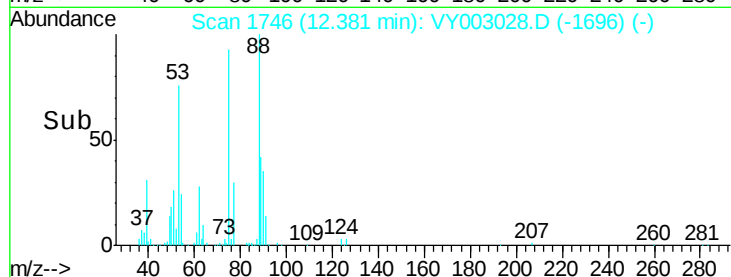
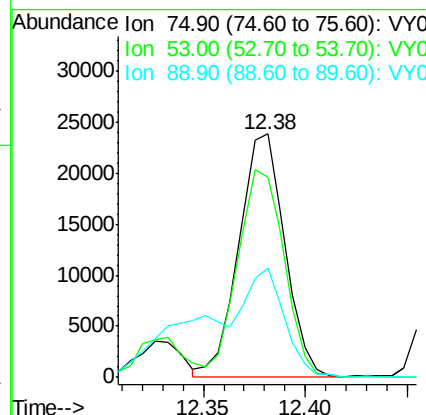
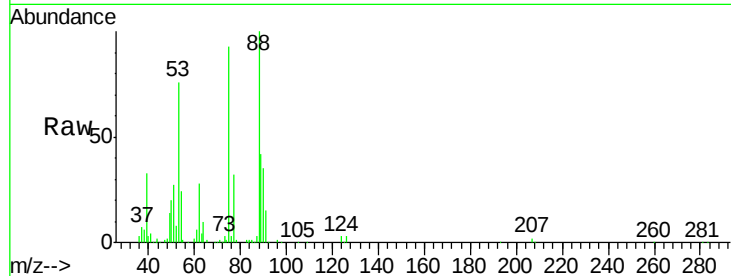




#81
trans-1,4-Dichloro-2-butene
Concen: 19.802 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

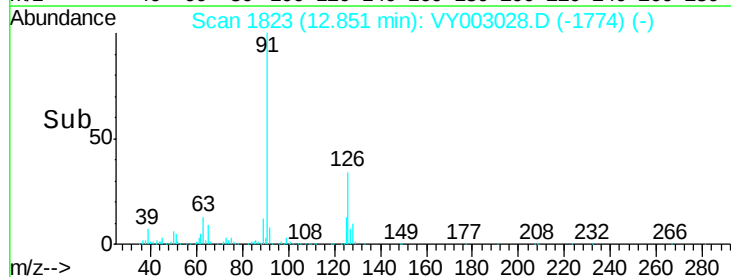
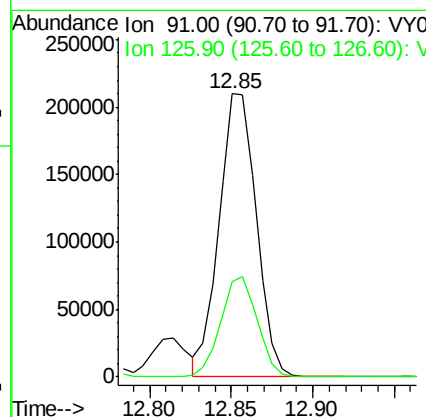
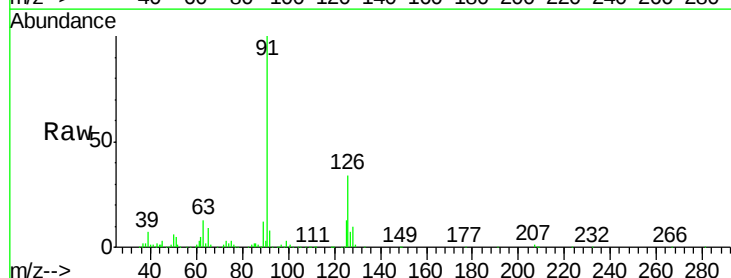
Instrument :
MSVOA_Y
ClientSampleId :

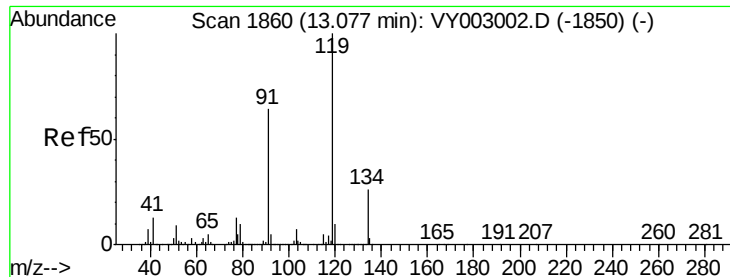
Tot Ion: 75 Resp: 36957
Ion Ratio Lower Upper
75 100
53 86.3 73.9 110.9
89 39.7 37.5 56.3



#82
4-Chlorotoluene
Concen: 19.862 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion: 91 Resp: 333313
Ion Ratio Lower Upper
91 100
126 34.9 17.4 52.3





#83

tert-Butylbenzene

Concen: 19.648 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

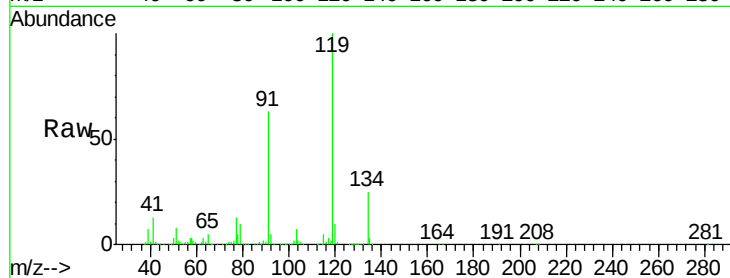
Tot Ion:119 Resp: 347612

Ion Ratio Lower Upper

119 100

91 63.0 31.6 95.0

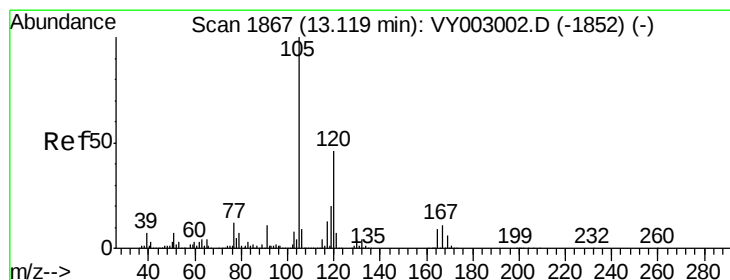
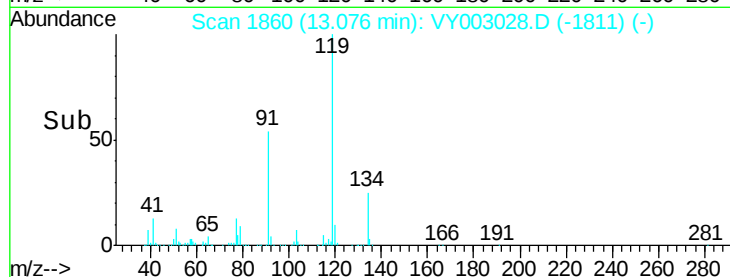
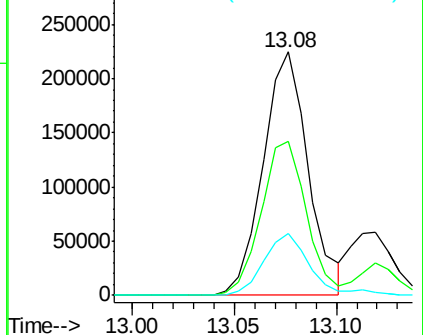
134 26.5 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.633 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003028.D

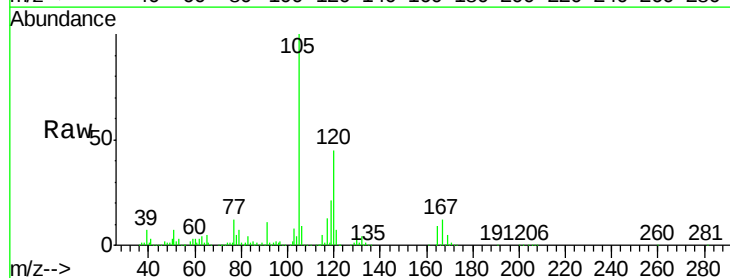
Acq: 30 Jun 2020 11:41

Tgt Ion:105 Resp: 398612

Ion Ratio Lower Upper

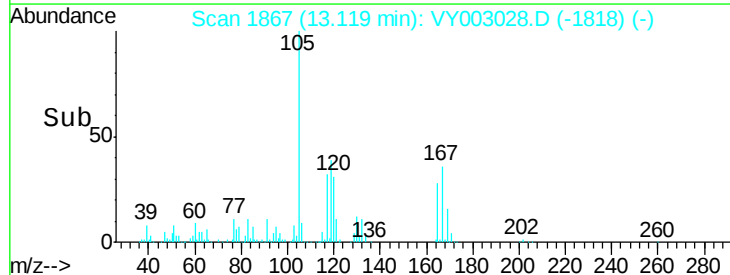
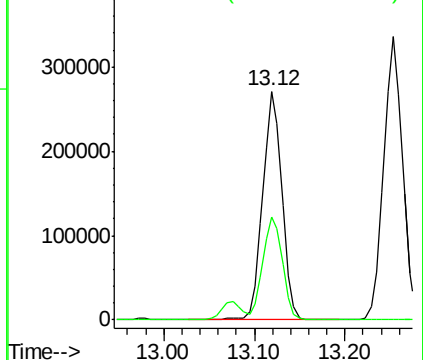
105 100

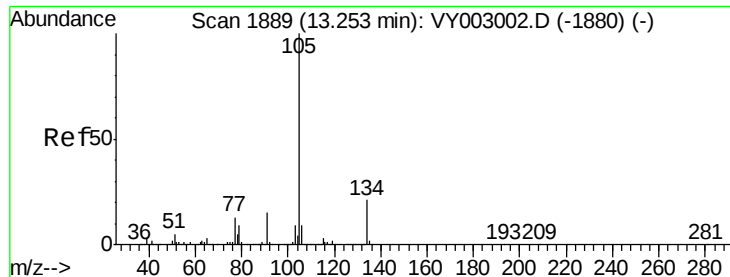
120 45.6 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.826 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

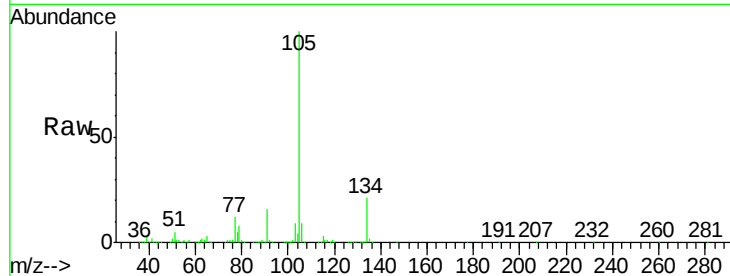
ClientSampleId :

Tot Ion:105 Resp: 483471

Ion Ratio Lower Upper

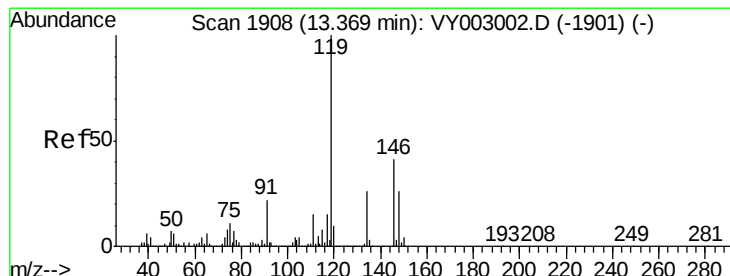
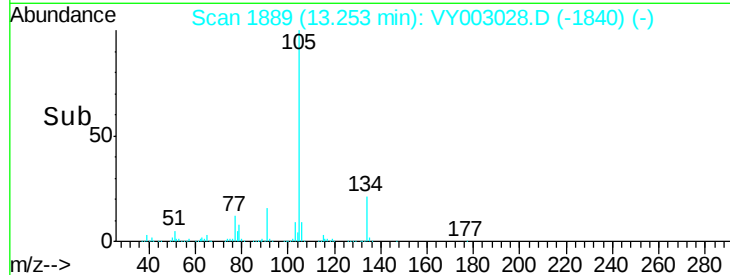
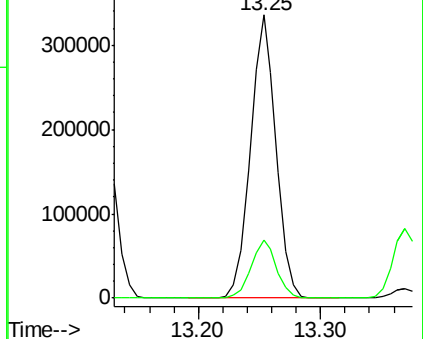
105 100

134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.583 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

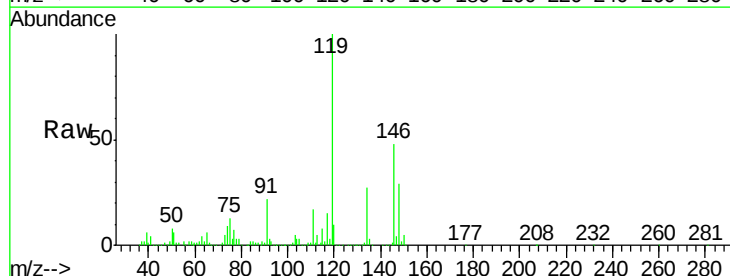
Tgt Ion:119 Resp: 442501

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

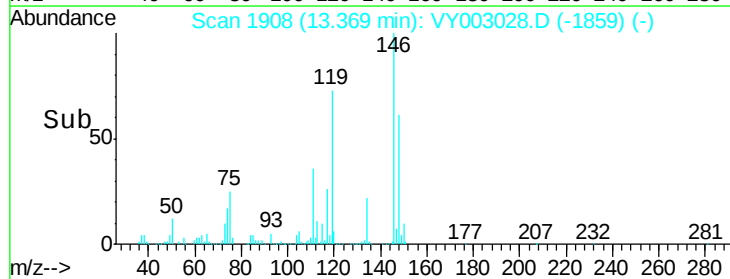
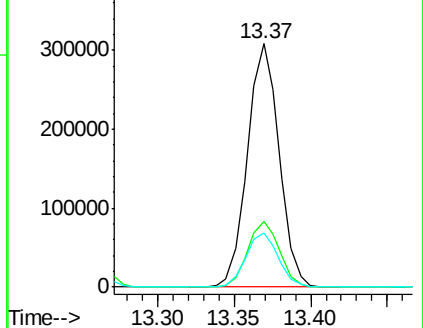
91 22.6 11.5 34.5

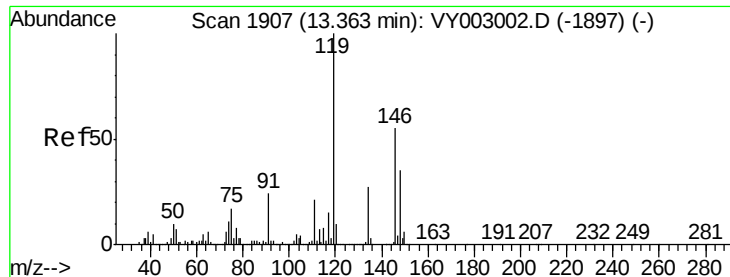


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

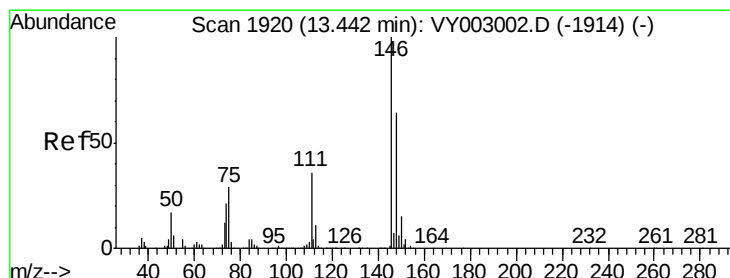
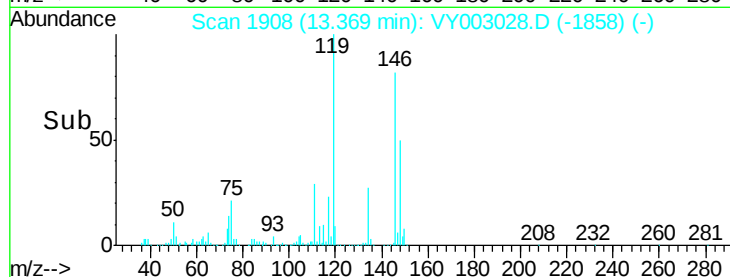
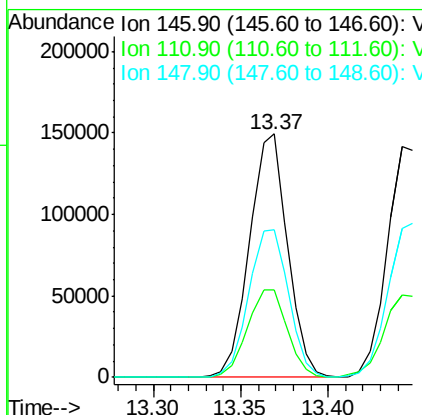
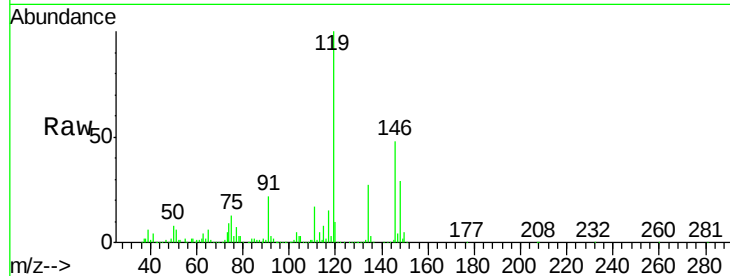




#87
 1,3-Dichlorobenzene
 Concen: 19.646 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

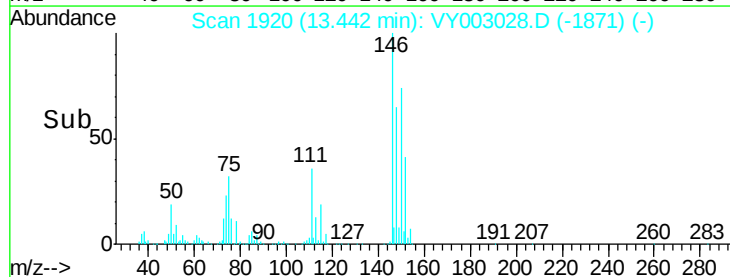
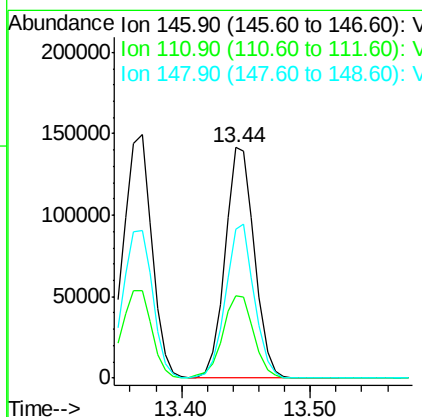
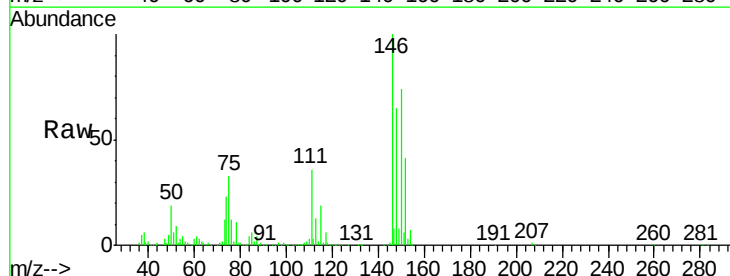
Instrument :
 MSVOA_Y
 ClientSampled :

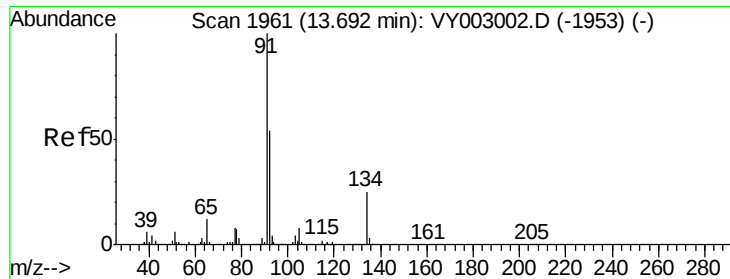
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.3
148	63.7	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.802 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.4	55.4
148	65.2	32.3	96.9

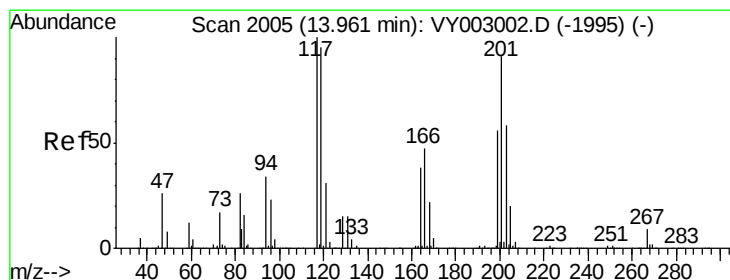
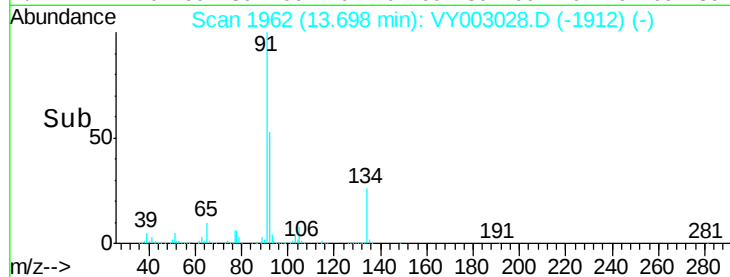
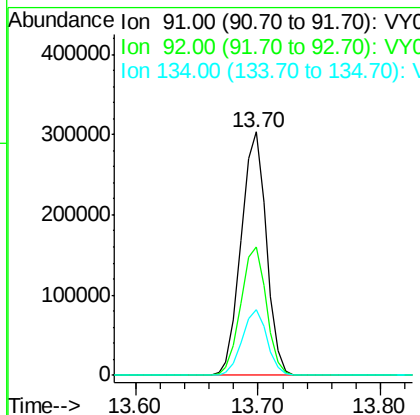
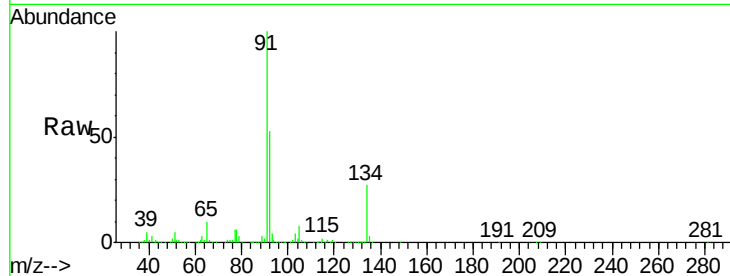




#89
n-Butylbenzene
Concen: 20.018 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

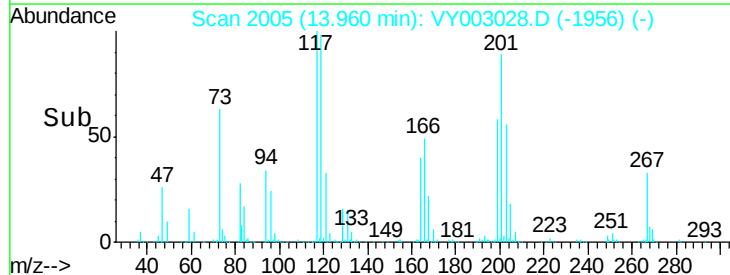
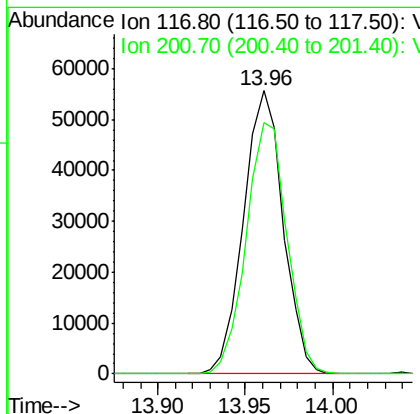
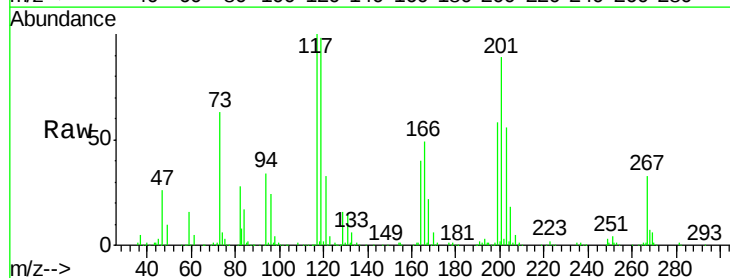
Instrument :
MSVOA_Y
ClientSampleId :

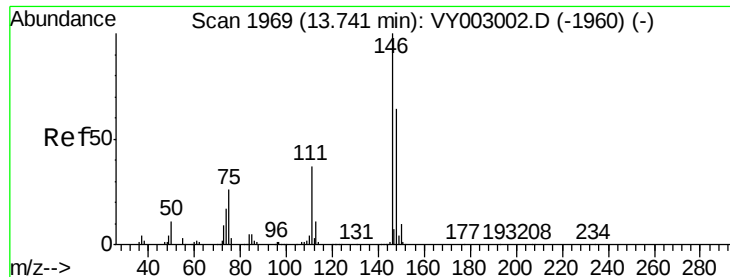
Tot Ion: 91 Resp: 432789
Ion Ratio Lower Upper
91 100
92 53.2 26.8 80.3
134 26.7 13.1 39.1



#90
Hexachloroethane
Concen: 19.518 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion: 117 Resp: 87579
Ion Ratio Lower Upper
117 100
201 91.3 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 19.892 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003028.D

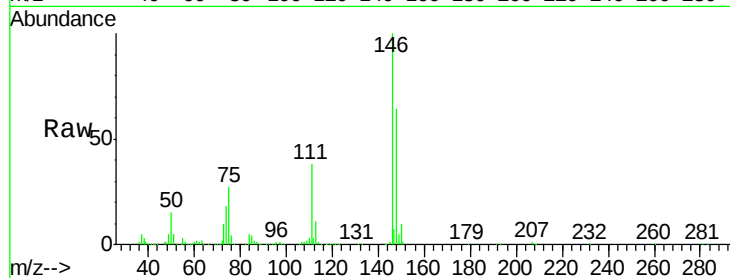
Acq: 30 Jun 2020 11:41

Instrument :

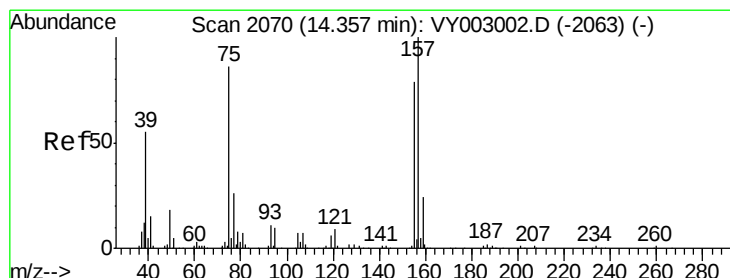
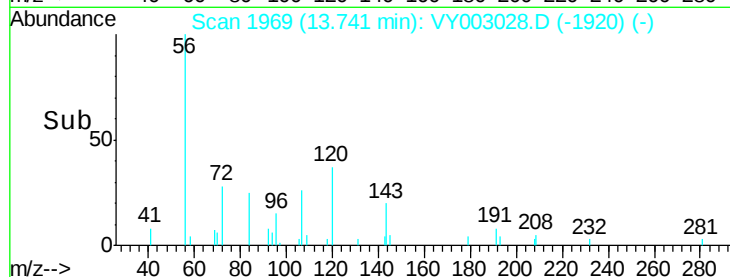
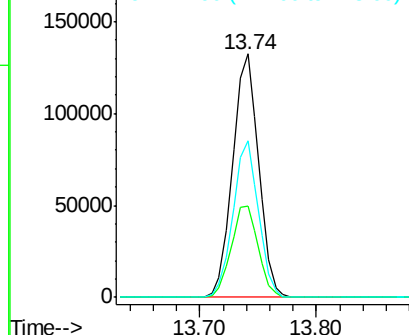
MSVOA_Y

ClientSampleId :

Tot Ion:	146	Resp:	205137
Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.5
148	63.2	31.8	95.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.875 ug/l

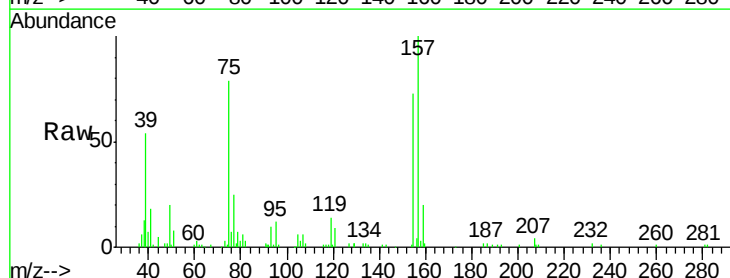
RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

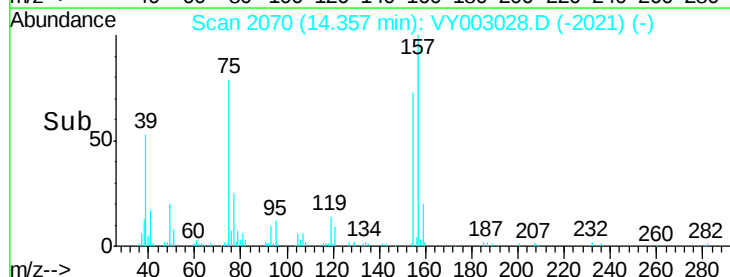
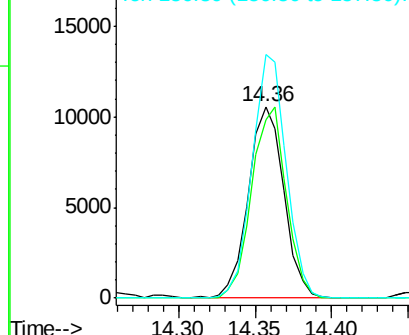
Lab File: VY003028.D

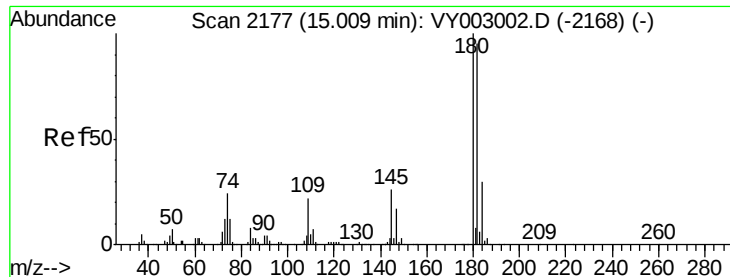
Acq: 30 Jun 2020 11:41

Tgt Ion:	75	Resp:	17048
Ion	Ratio	Lower	Upper
75	100		
155	97.4	46.5	139.3
157	121.9	59.2	177.5



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

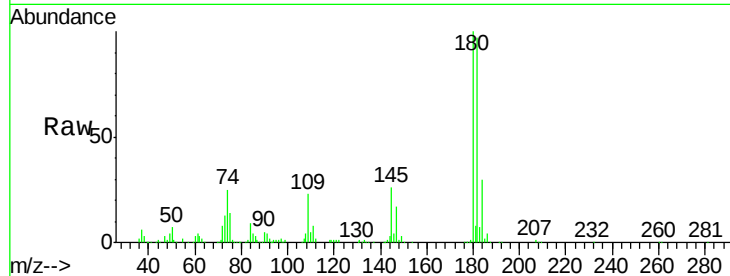




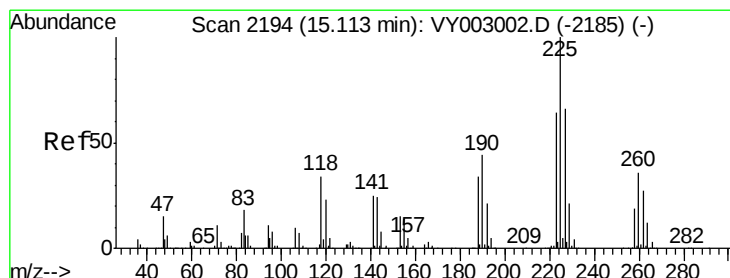
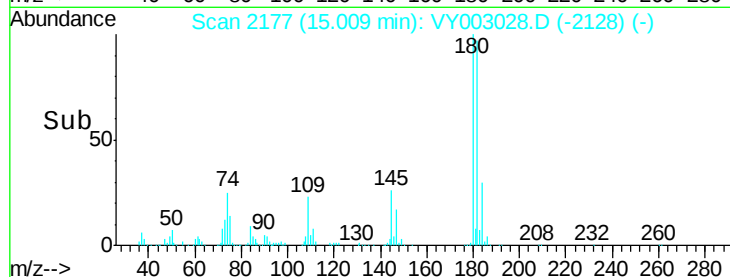
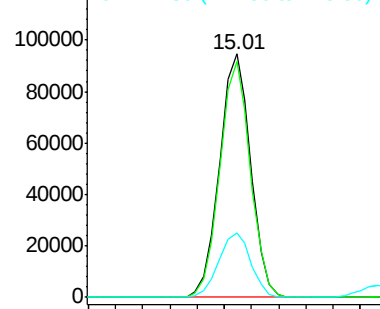
#93
 1,2,4-Trichlorobenzene
 Concen: 19.739 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.1	144.3
145	27.2	13.9	41.6

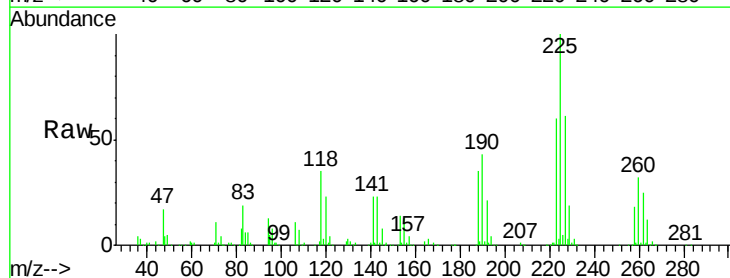


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

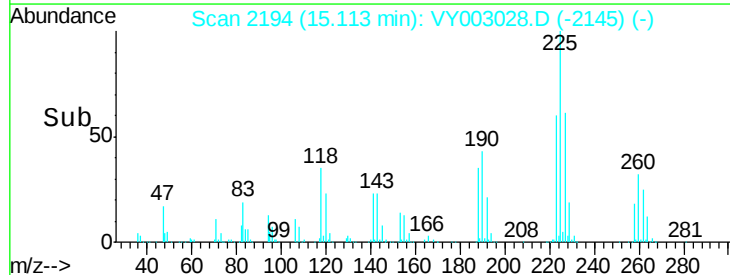
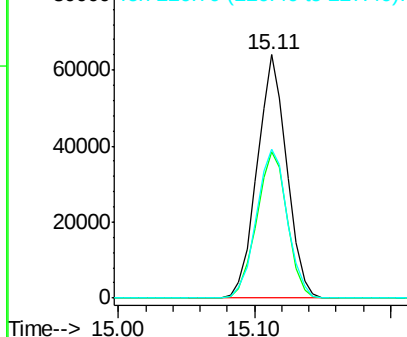


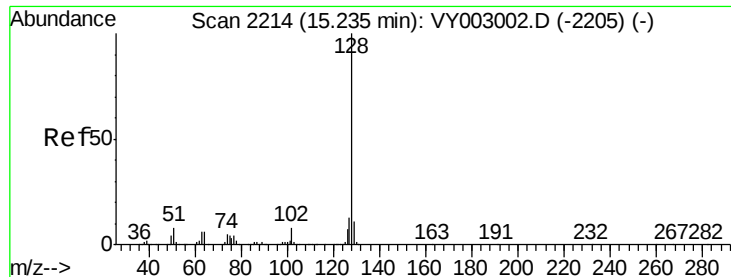
#94
 Hexachlorobutadiene
 Concen: 20.225 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	32.4	97.0
227	64.1	32.4	97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

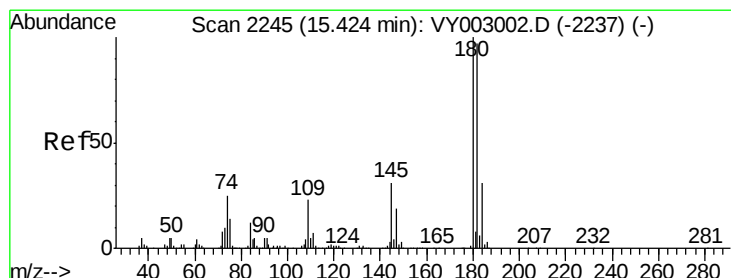
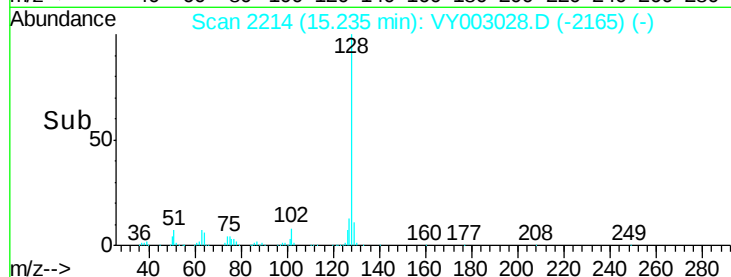
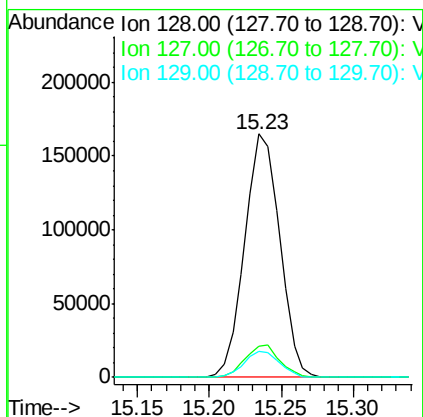
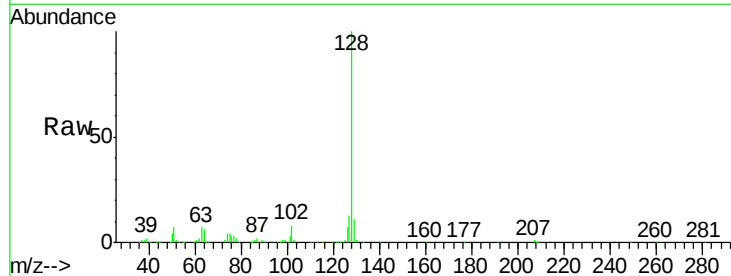




#95
Naphthalene
Concen: 19.894 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 278435
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.717 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion:180 Resp: 131193
Ion Ratio Lower Upper
180 100
182 95.0 47.8 143.3
145 28.8 14.7 44.1

