

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002548.D
 Acq On : 04 May 2020 17:55
 Operator : SY/MD
 Sample : L2122-11
 Misc : 7.78G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-043020

Quant Time: May 05 07:08:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	295524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	483732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	410151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	170597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	145821	58.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.36%	
35) Dibromofluoromethane	7.74	113	146178	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
50) Toluene-d8	10.19	98	560982	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.49	95	169138	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	100	1.824	ug/l #	43
13) Acrolein	3.95	56	1113	6.296	ug/l	99
16) Acetone	3.97	43	9922	19.348	ug/l #	84
20) Methylene Chloride	4.74	84	8102	2.825	ug/l #	92
25) 2-Butanone	6.99	43	2616	3.116	ug/l #	70
31) Cyclohexane	7.80	56	48024	10.753	ug/l #	92
36) 1,1-Dichloropropene	7.81	75	18688	4.608	ug/l #	52
37) Ethyl Acetate	6.99	43	2616	1.255	ug/l #	67
38) Carbon Tetrachloride	7.80	117	26311	5.943	ug/l #	15
39) Methylcyclohexane	9.19	83	122266	22.827	ug/l	99
40) Benzene	8.17	78	24745	2.113	ug/l #	89
48) Methyl methacrylate	9.25	41	3131	1.771	ug/l #	29
52) Toluene	10.25	92	12713	1.689	ug/l	94
55) 1,1,2-Trichloroethane	10.63	97	34318	14.470	ug/l #	21
56) Ethyl methacrylate	10.52	69	7489	2.374	ug/l #	1
59) 2-Hexanone	10.80	43	18302	13.206	ug/l #	28
67) Ethyl Benzene	11.60	91	58556	4.275	ug/l	98
68) m/p-Xylenes	11.70	106	37775	7.128	ug/l	97
69) o-Xylene	12.03	106	91486	18.438	ug/l	99
73) Isopropylbenzene	12.33	105	15132	1.369	ug/l	96
74) N-amyl acetate	12.13	43	16354	6.149	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.64	83	6261	3.561	ug/l #	26
76) 1,2,3-Trichloropropane	12.49	75	81305	53.630	ug/l #	100
78) n-propylbenzene	12.67	91	28150	2.194	ug/l	100
79) 2-Chlorotoluene	12.77	91	7209	1.014	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.81	105	136961	14.944	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.49	75	81305	107.538	ug/l #	15
82) 4-Chlorotoluene	12.81	91	13835	1.853	ug/l #	44
84) 1,2,4-Trimethylbenzene	13.12	105	126275	13.825	ug/l	99
85) sec-Butylbenzene	13.25	105	12638	1.133	ug/l #	69
86) p-Isopropyltoluene	13.37	119	22940	2.196	ug/l	98
89) n-Butylbenzene	13.70	91	11598	1.219	ug/l #	56
90) Hexachloroethane	13.97	117	7146	3.756	ug/l #	5
95) Naphthalene	15.24	128	35619	5.765	ug/l #	90

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

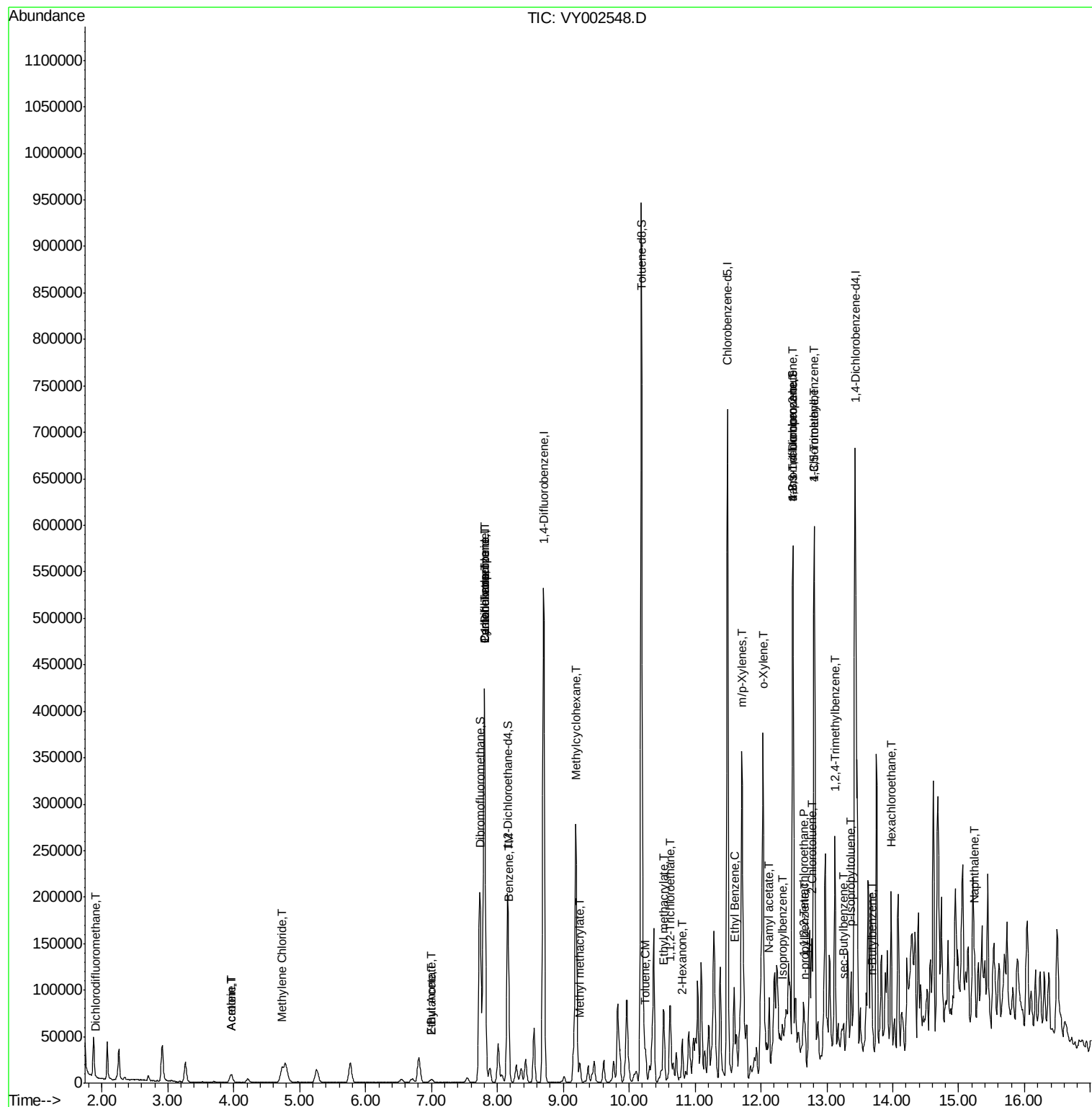
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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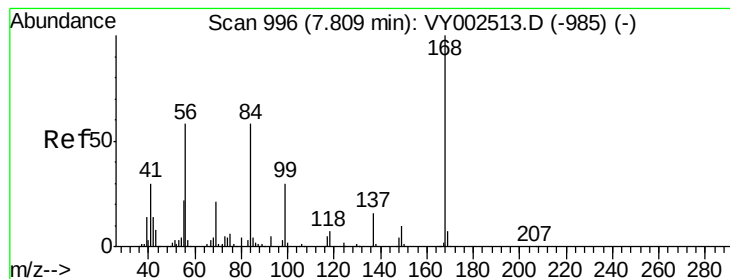
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

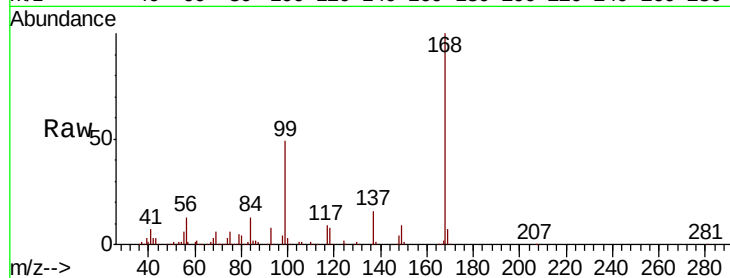
SU-03-043020

Tot Ion:168 Resp: 295524

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

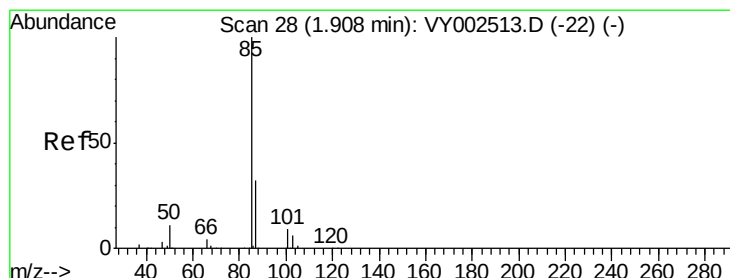
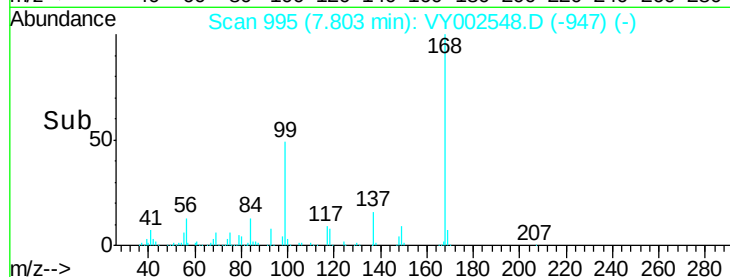
150000

100000

50000

0

Time--> 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 1.824 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002548.D

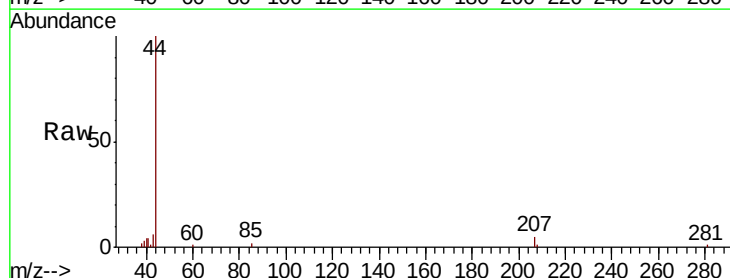
Acq: 04 May 2020 17:55

Tgt Ion: 85 Resp: 100

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

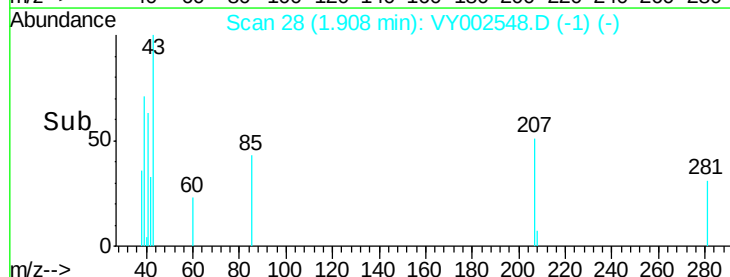
1.91

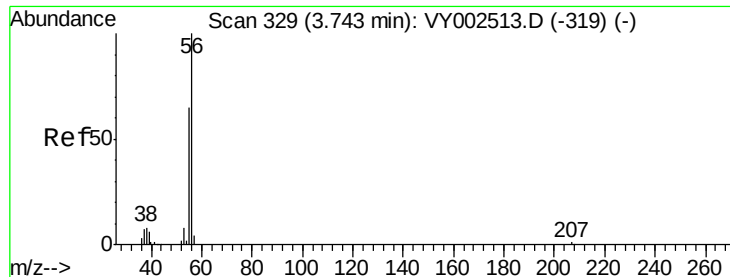
100

50

0

Time--> 1.88 1.90 1.92





#13

Acrolein

Concen: 6.296 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.21 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

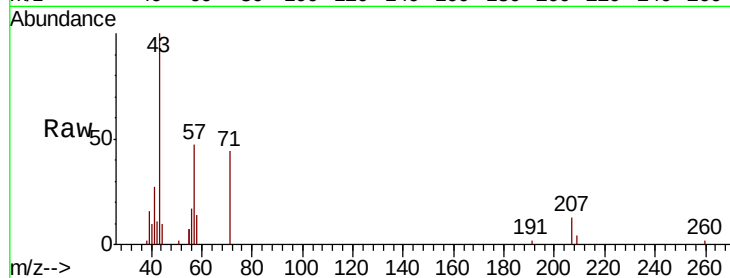
SU-03-043020

Tot Ion: 56 Resp: 1113

Ion Ratio Lower Upper

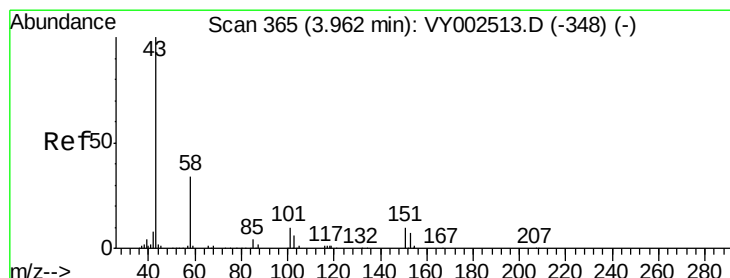
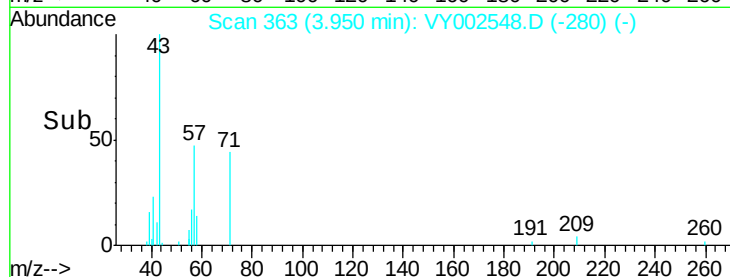
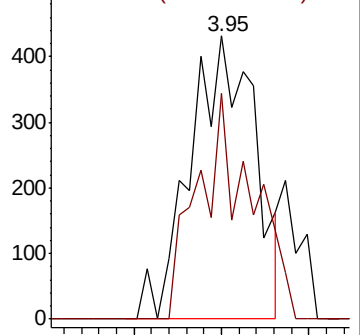
56 100

55 66.2 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#16

Acetone

Concen: 19.348 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002548.D

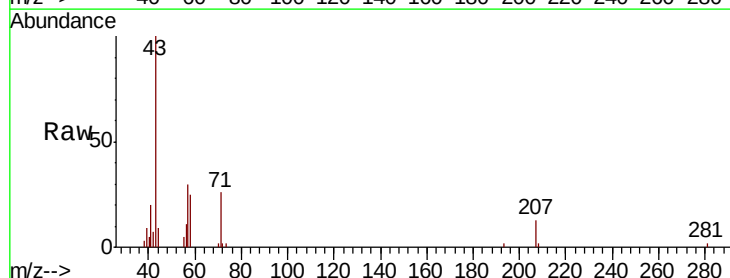
Acq: 04 May 2020 17:55

Tgt Ion: 43 Resp: 9922

Ion Ratio Lower Upper

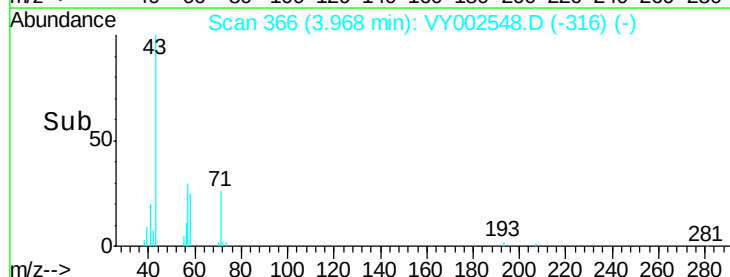
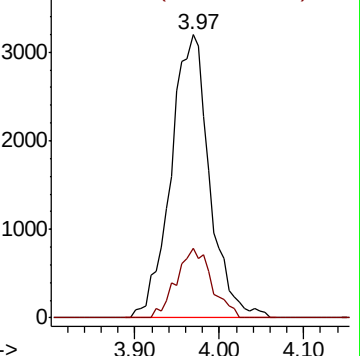
43 100

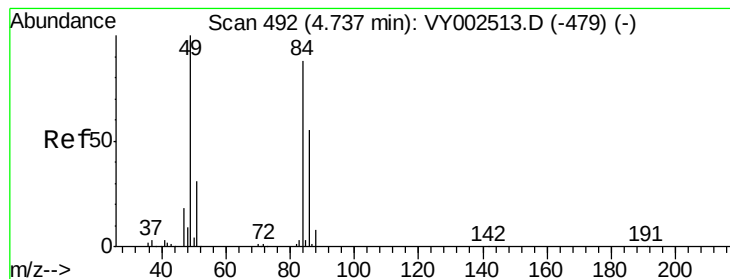
58 24.5 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#20

Methylene Chloride

Concen: 2.825 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.00 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-043020

Tot Ion: 84 Resp: 8102

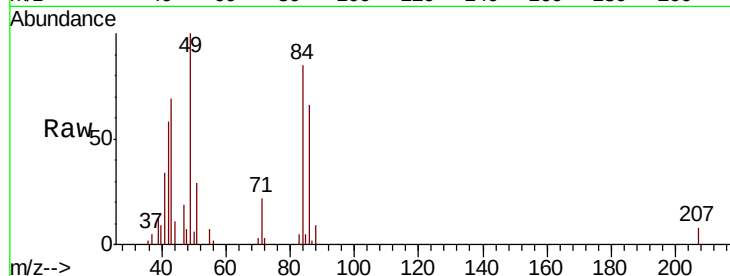
Ion Ratio Lower Upper

84 100

49 117.5 90.5 135.7

51 34.1 28.3 42.5

86 77.8 49.9 74.9#

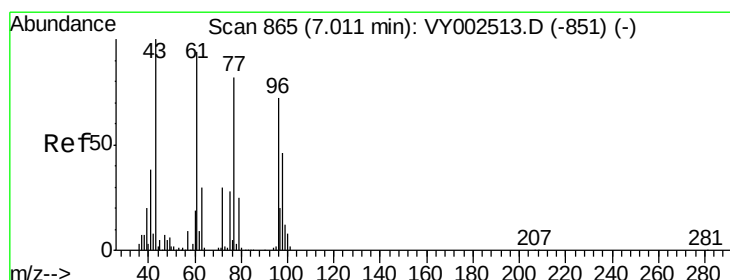
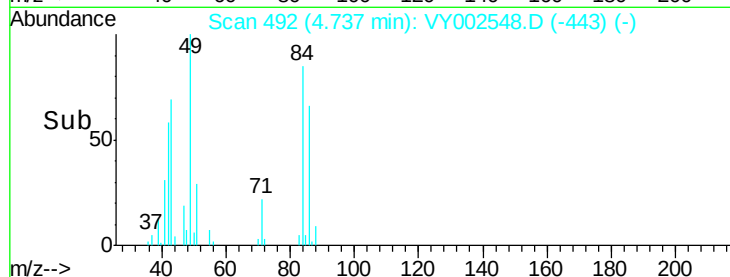
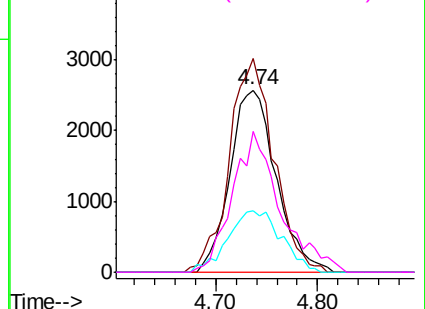


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#25

2-Butanone

Concen: 3.116 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.02 min

Lab File: VY002548.D

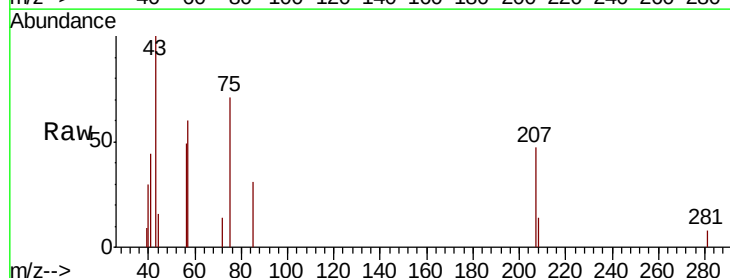
Acq: 04 May 2020 17:55

Tgt Ion: 43 Resp: 2616

Ion Ratio Lower Upper

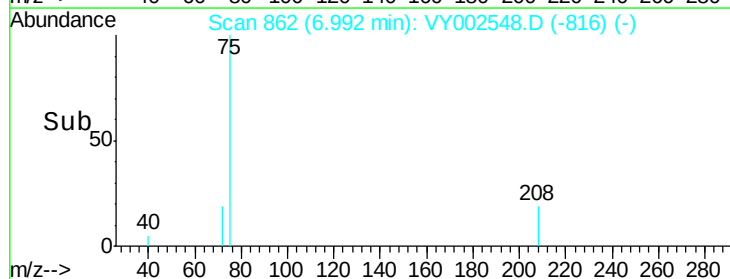
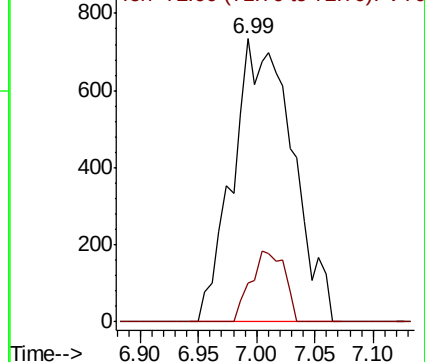
43 100

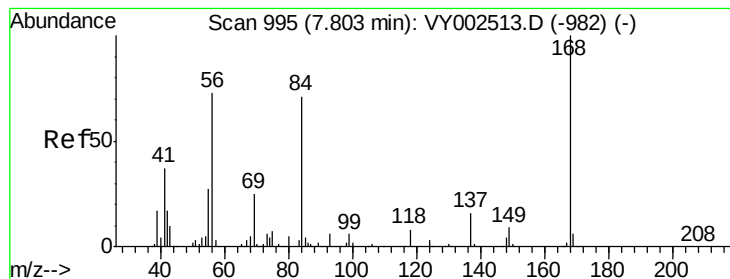
72 13.6 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0





#31

Cyclohexane

Concen: 10.753 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-043020

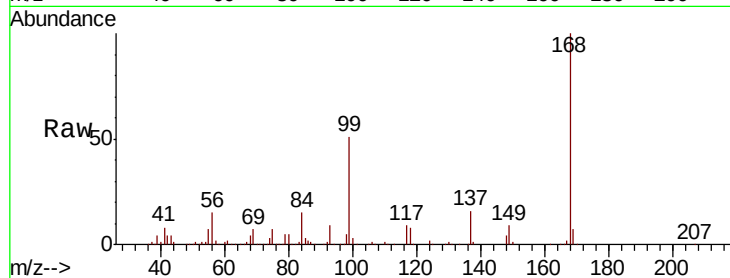
Tot Ion: 56 Resp: 48024

Ion Ratio Lower Upper

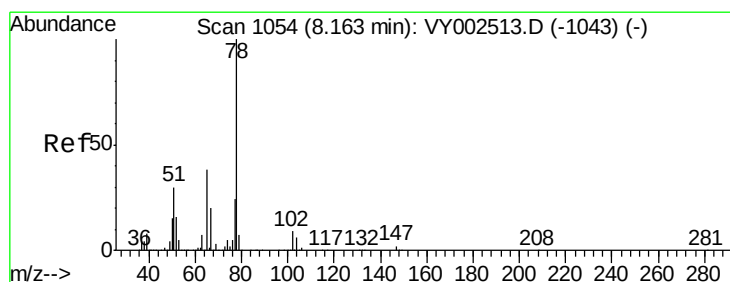
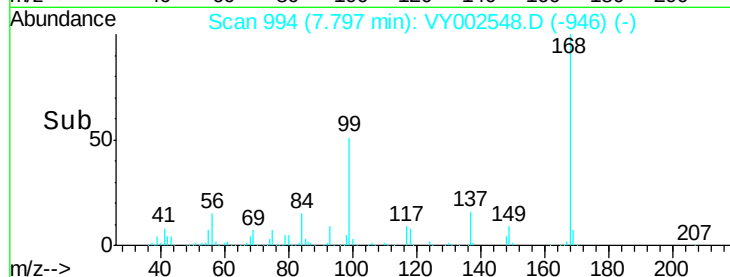
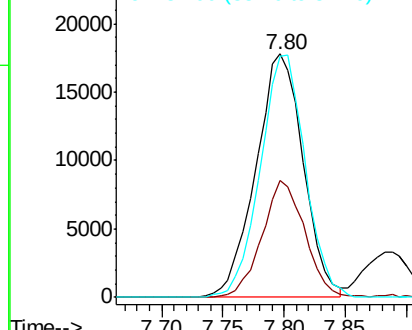
56 100

69 48.3 27.6 41.4#

84 99.2 77.7 116.5



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



#33

1,2-Dichloroethane-d4

Concen: 58.685 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002548.D

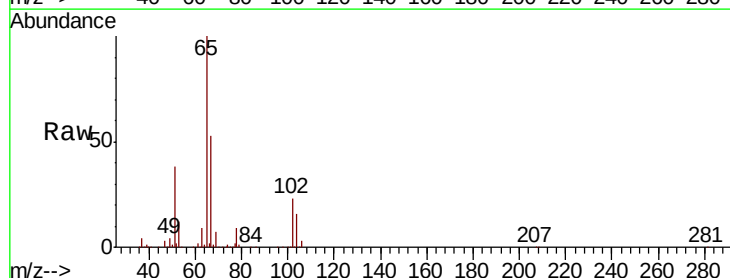
Acq: 04 May 2020 17:55

Tgt Ion: 65 Resp: 145821

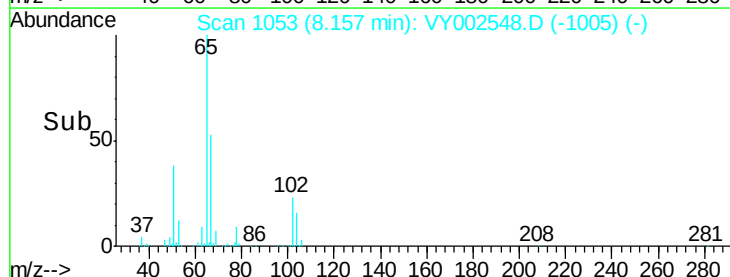
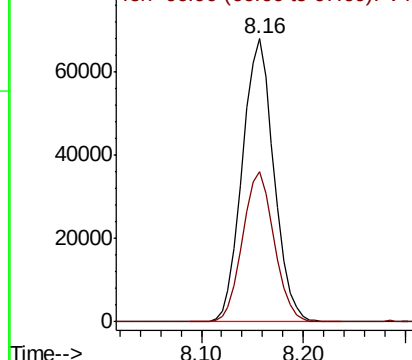
Ion Ratio Lower Upper

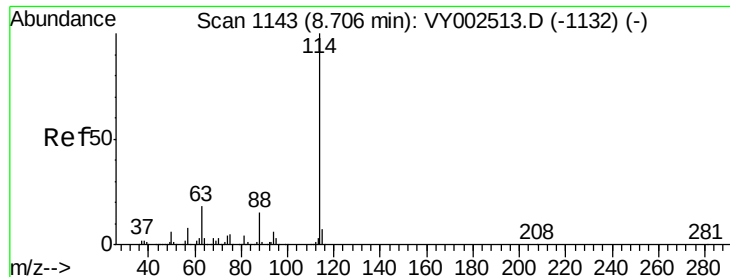
65 100

67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-043020

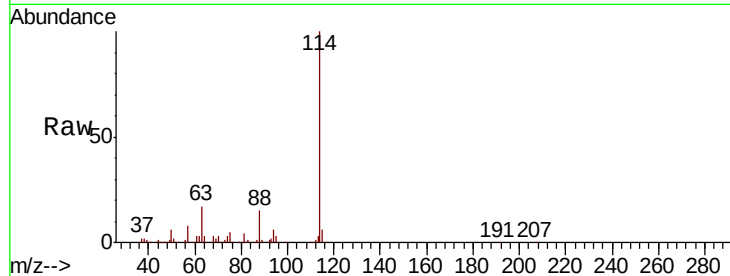
Tot Ion:114 Resp: 483732

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.4

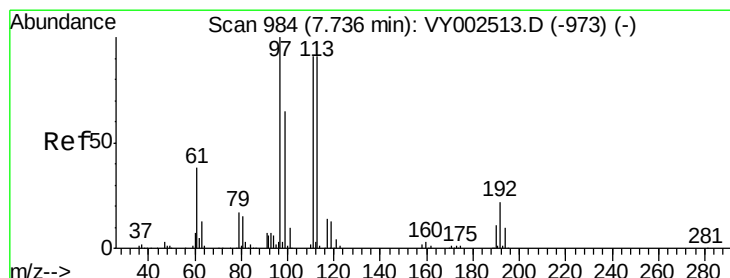
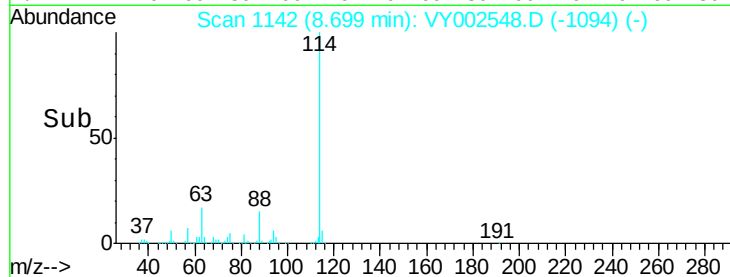
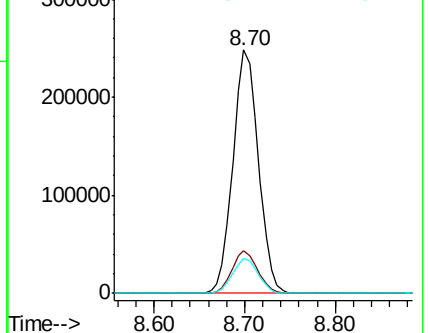
88 14.5 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 52.839 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

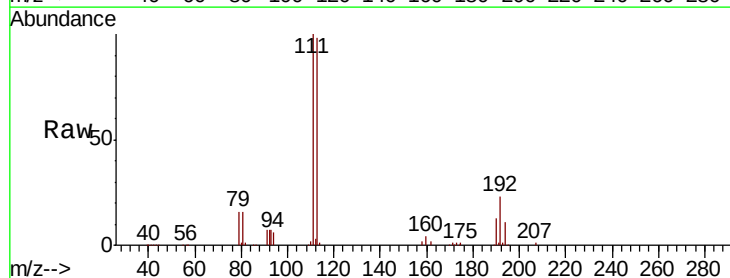
Tgt Ion:113 Resp: 146178

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.6

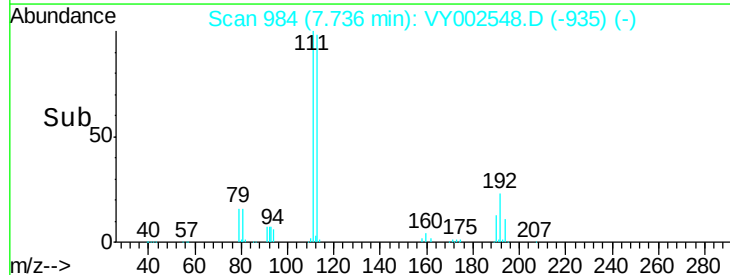
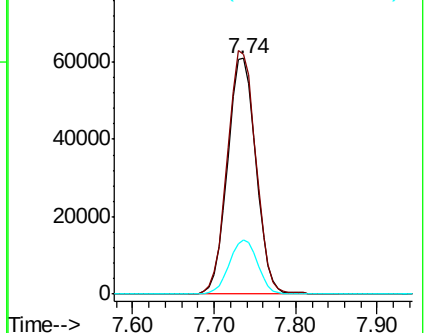
192 22.9 18.2 27.4

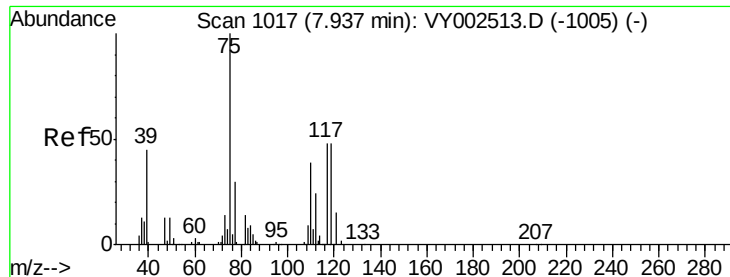


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.608 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

Instrument :

MSVOA_Y

ClientSampled :

SU-03-043020

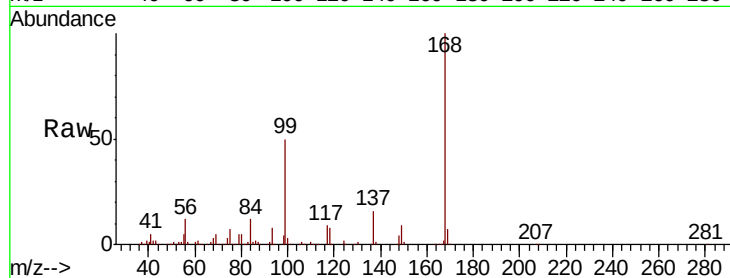
Tot Ion: 75 Resp: 18688

Ion Ratio Lower Upper

75 100

110 9.7 19.1 57.3#

77 3.5 24.6 37.0#

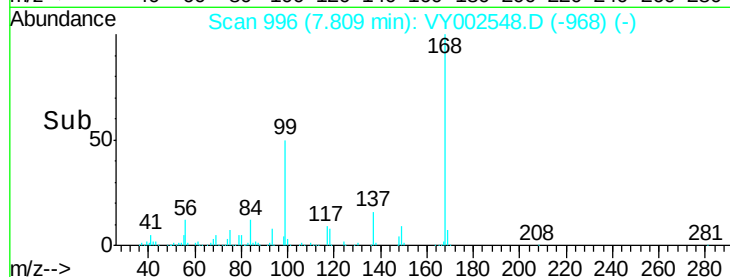


Abundance Ion 74.90 (74.60 to 75.60): VY0

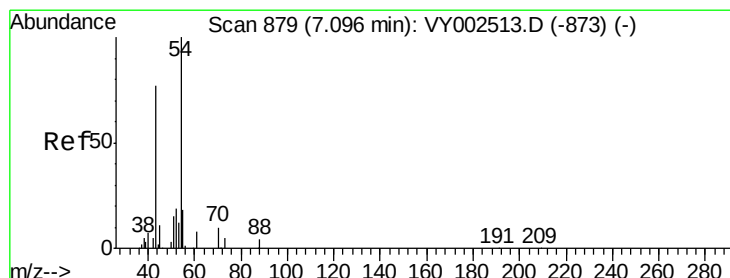
Ion 109.90 (109.60 to 110.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Time-->



Time-->



#37

Ethyl Acetate

Concen: 1.255 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.10 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

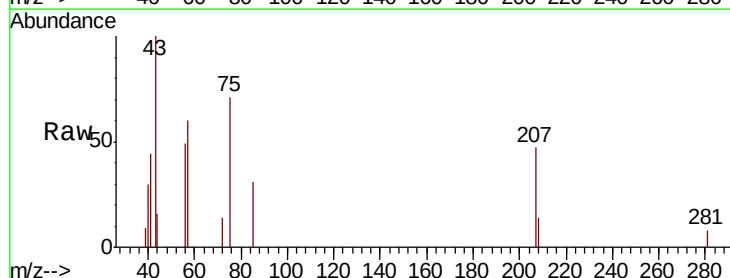
Tgt Ion: 43 Resp: 2616

Ion Ratio Lower Upper

43 100

61 0.0 11.6 17.4#

70 0.0 9.0 13.6#

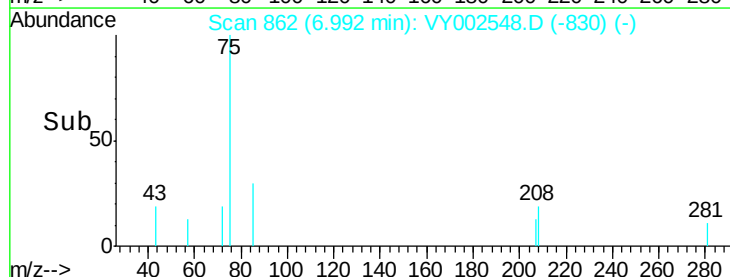


Abundance Ion 43.00 (42.70 to 43.70): VY0

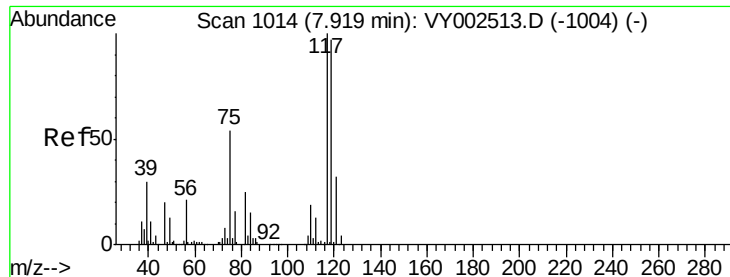
Ion 60.90 (60.60 to 61.60): VY0

Ion 70.00 (69.70 to 70.70): VY0

Time-->



Time-->



#38

Carbon Tetrachloride

Concen: 5.943 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-043020

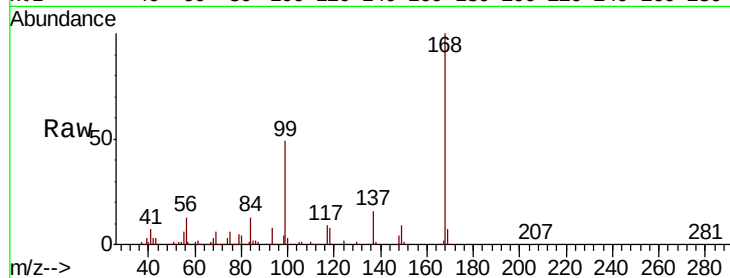
Tot Ion:117 Resp: 26311

Ion Ratio Lower Upper

117 100

119 4.5 77.1 115.7#

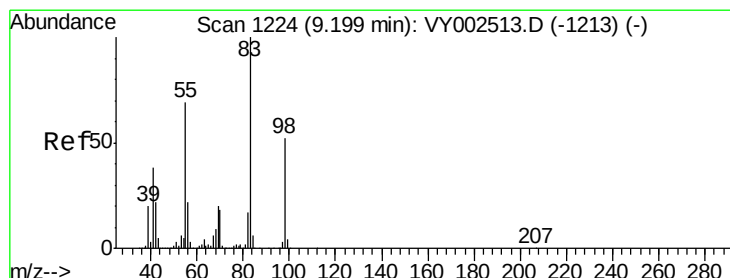
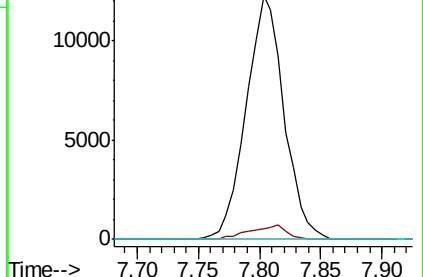
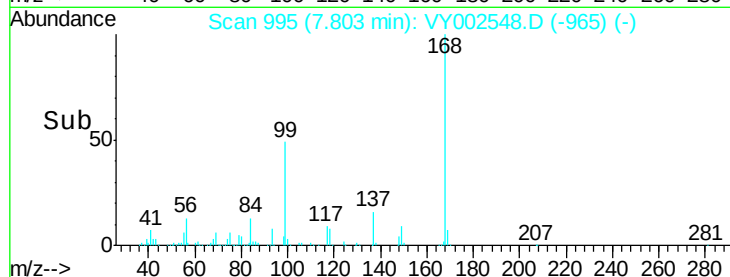
121 0.0 25.2 37.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 22.827 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

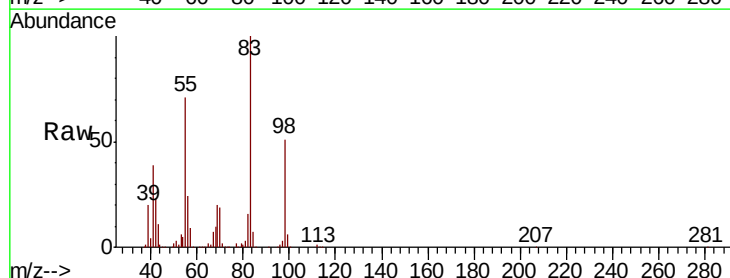
Tgt Ion: 83 Resp: 122266

Ion Ratio Lower Upper

83 100

55 71.1 55.4 83.0

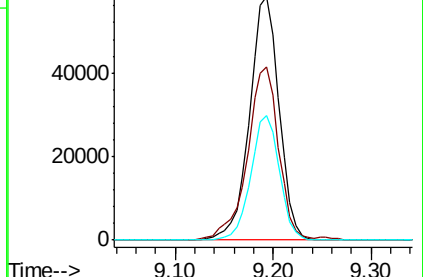
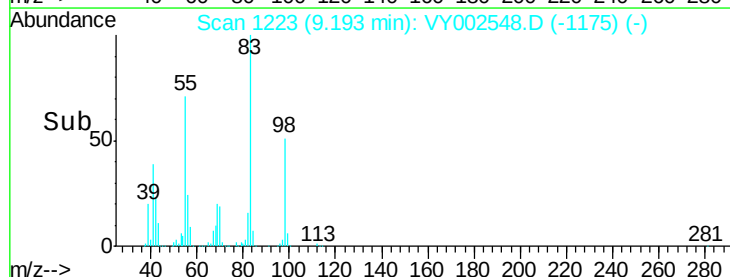
98 51.3 41.3 61.9

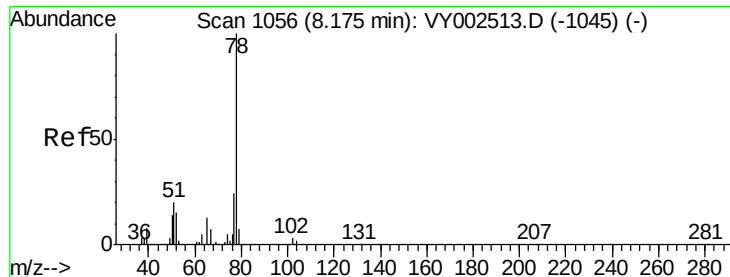


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#40

Benzene

Concen: 2.113 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

Instrument :

MSVOA_Y

ClientSampled :

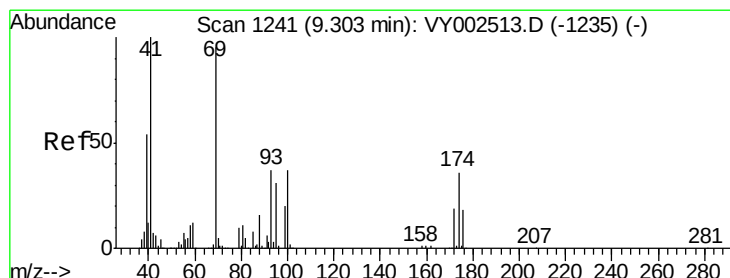
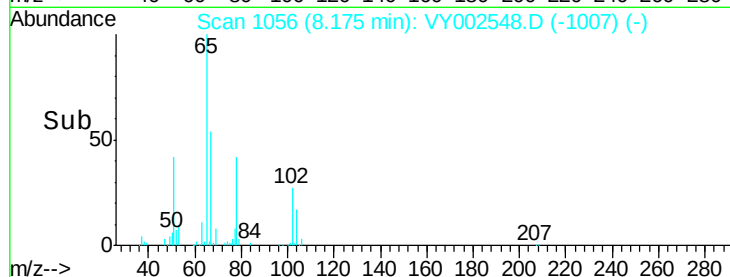
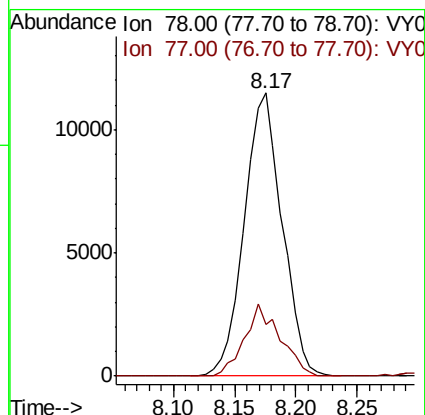
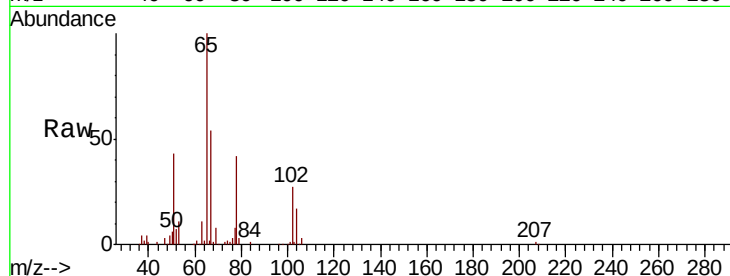
SU-03-043020

Tot Ion: 78 Resp: 24745

Ion Ratio Lower Upper

78 100

77 18.4 19.2 28.8#



#48

Methyl methacrylate

Concen: 1.771 ug/l

RT: 9.25 min Scan# 1233

Delta R.T. -0.05 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

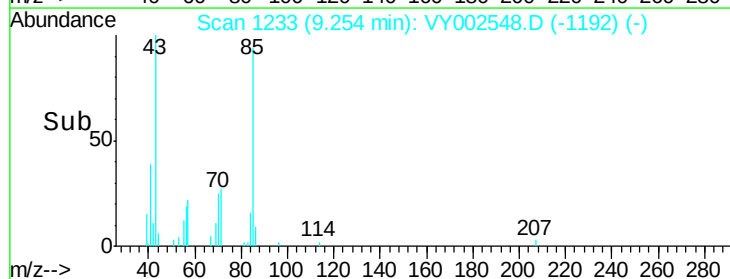
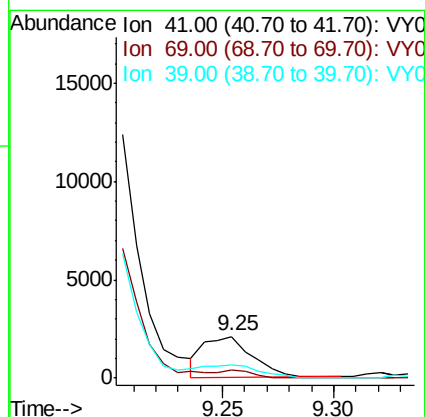
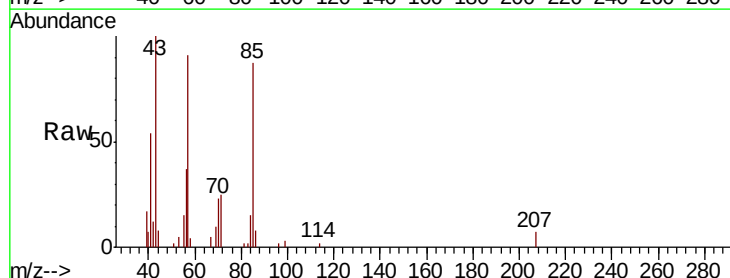
Tgt Ion: 41 Resp: 3131

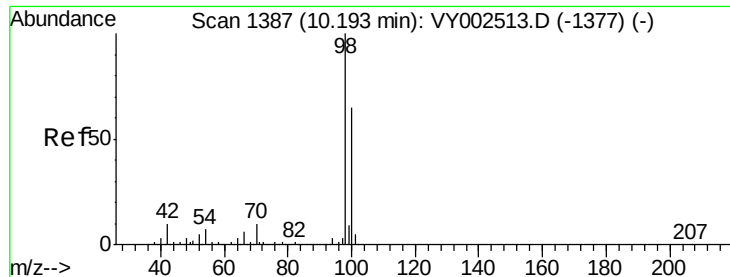
Ion Ratio Lower Upper

41 100

69 0.0 76.2 114.4#

39 37.6 42.7 64.1#





#50

Toluene-d8

Concen: 51.926 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

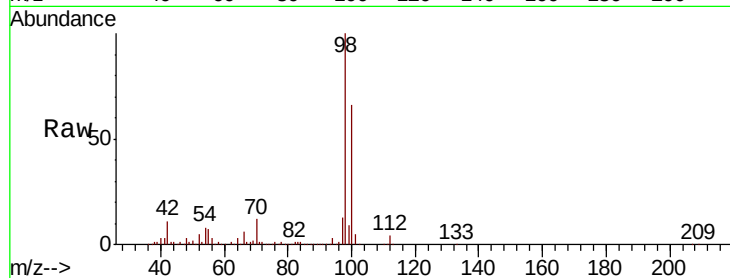
SU-03-043020

Tot Ion: 98 Resp: 560982

Ion Ratio Lower Upper

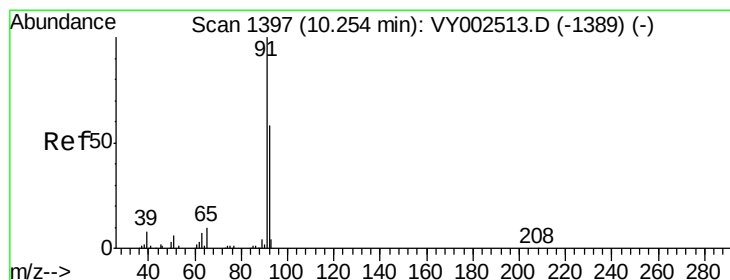
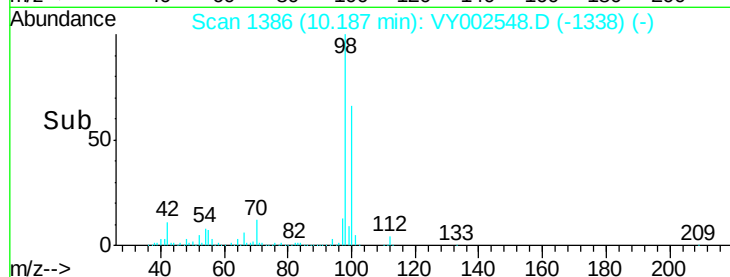
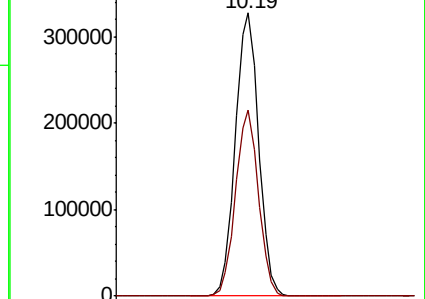
98 100

100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY002513.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002513.D (-1377) (-)



#52

Toluene

Concen: 1.689 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002548.D

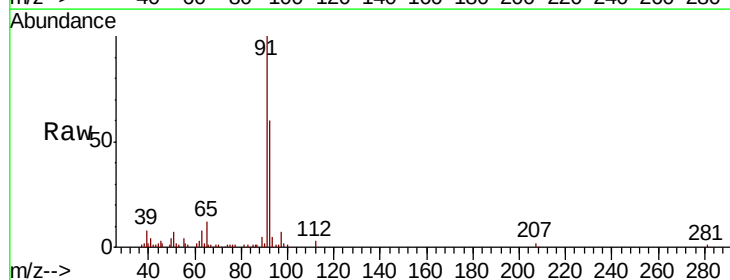
Acq: 04 May 2020 17:55

Tgt Ion: 92 Resp: 12713

Ion Ratio Lower Upper

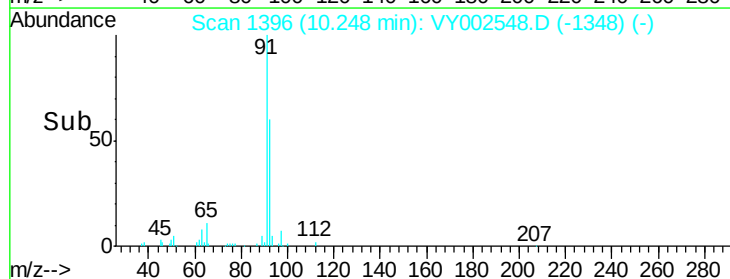
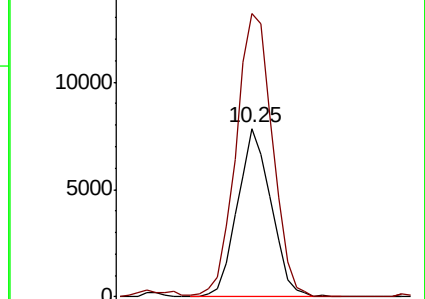
92 100

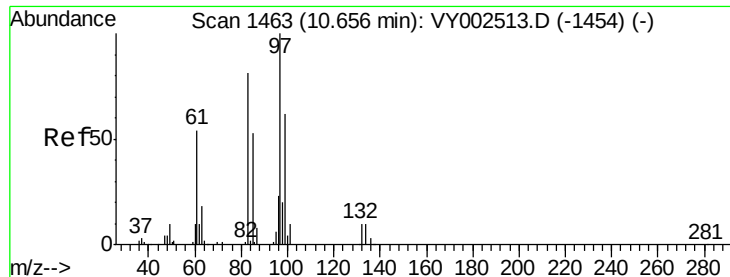
91 182.3 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY002513.D (-1389) (-)

Ion 91.00 (90.70 to 91.70): VY002513.D (-1389) (-)

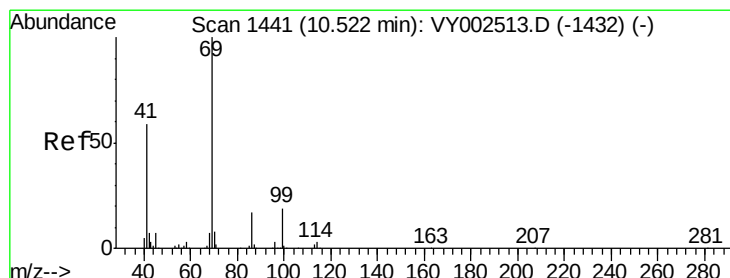
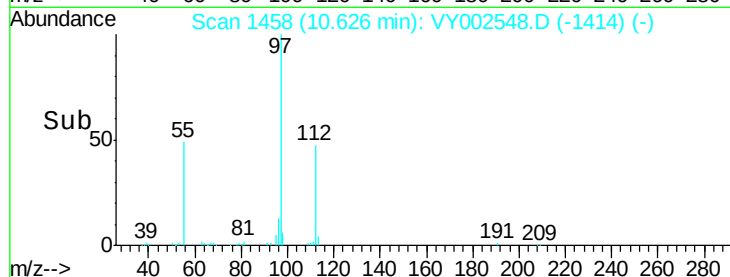
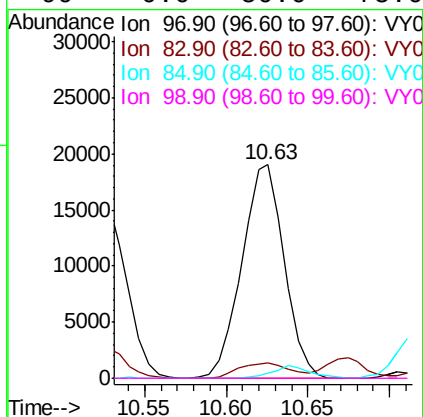
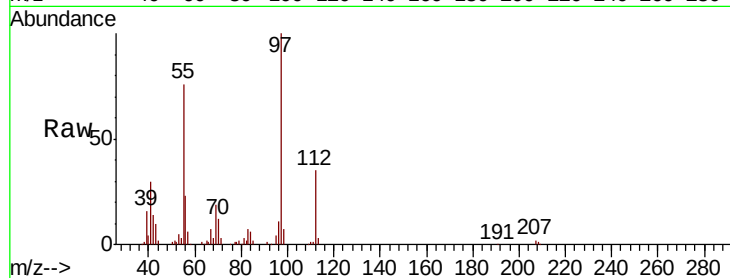




#55
 1,1,2-Trichloroethane
 Concen: 14.470 ug/l
 RT: 10.63 min Scan# 1458
 Delta R.T. -0.03 min
 Lab File: VY002548.D
 Acq: 04 May 2020 17:55

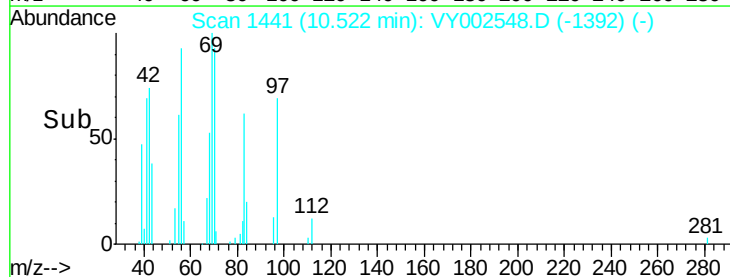
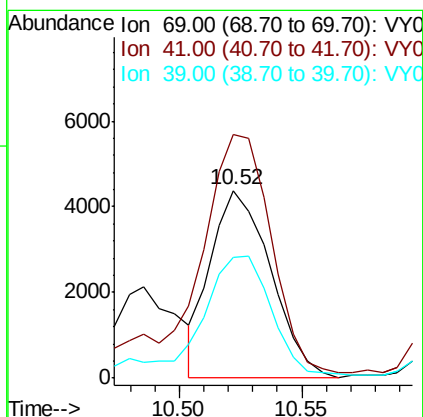
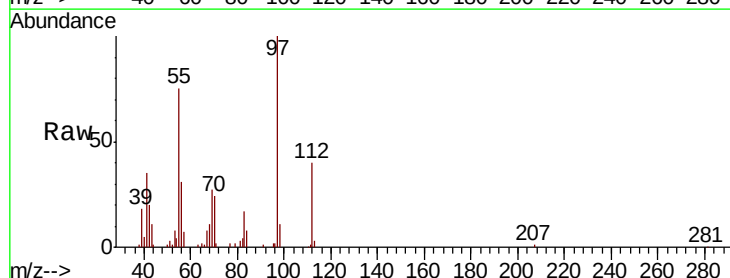
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-043020

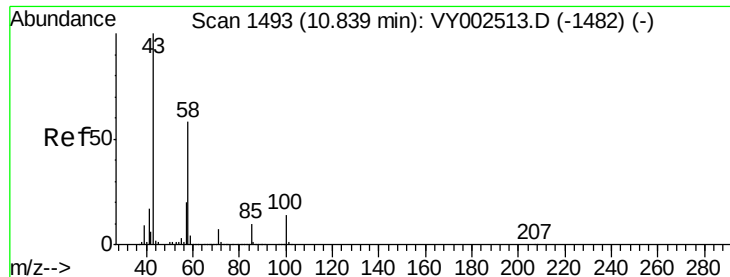
Tot Ion	Ratio	Lower	Upper
97	100		
83	7.3	65.1	97.7#
85	2.4	42.7	64.1#
99	0.0	50.0	75.0#



#56
 Ethyl methacrylate
 Concen: 2.374 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY002548.D
 Acq: 04 May 2020 17:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	164.0	48.6	73.0#
39	70.4	25.0	37.4#





#59

2-Hexanone

Concen: 13.206 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.04 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

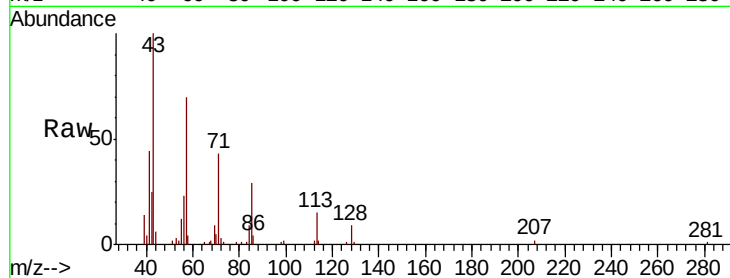
SU-03-043020

Tot Ion: 43 Resp: 18302

Ion Ratio Lower Upper

43 100

58 4.8 29.1 87.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

12000

10000

8000

6000

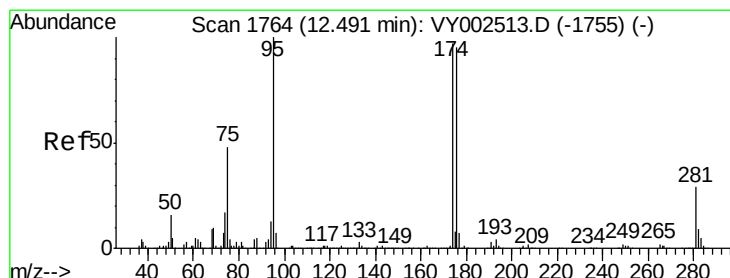
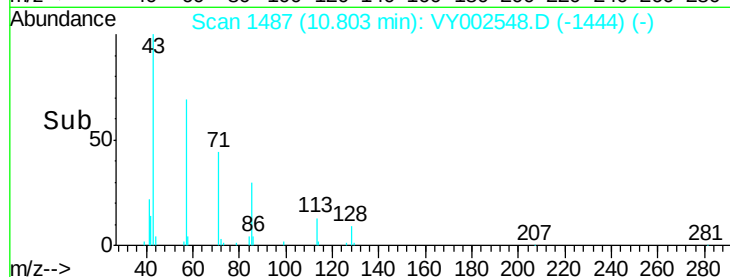
4000

2000

0

10.75 10.80 10.85

Time-->



#62

4-Bromofluorobenzene

Concen: 46.138 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

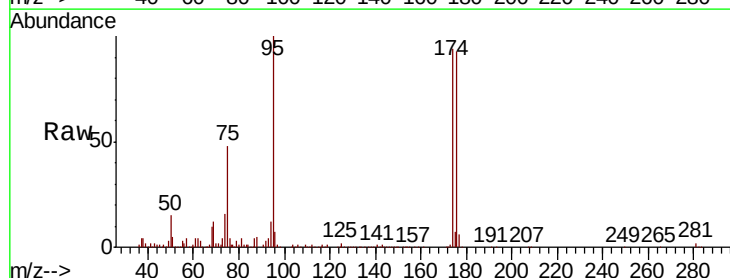
Tgt Ion: 95 Resp: 169138

Ion Ratio Lower Upper

95 100

174 91.4 0.0 188.8

176 89.7 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

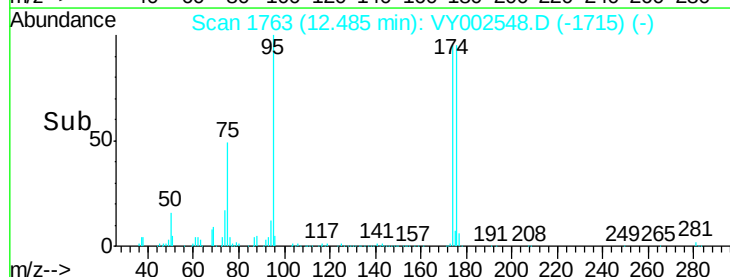
100000

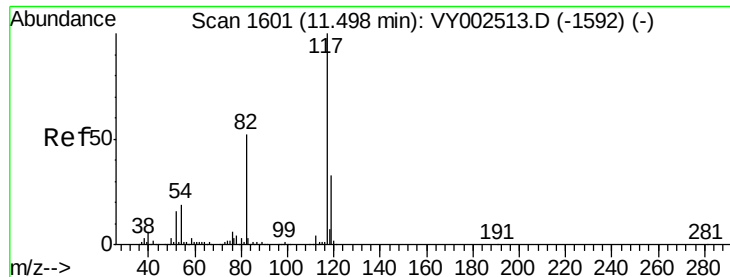
50000

0

12.45 12.49 12.55

Time-->

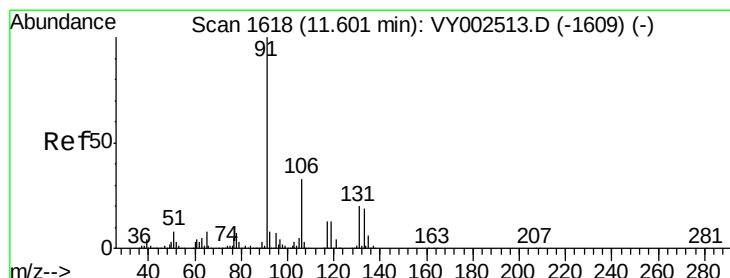
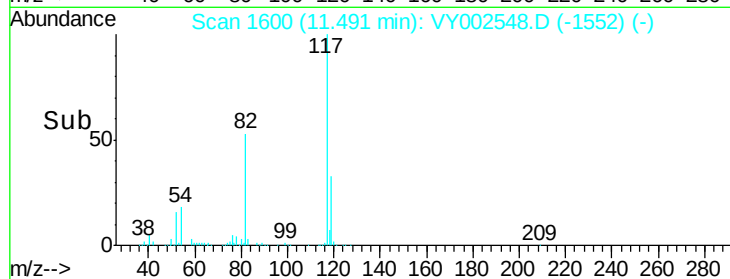
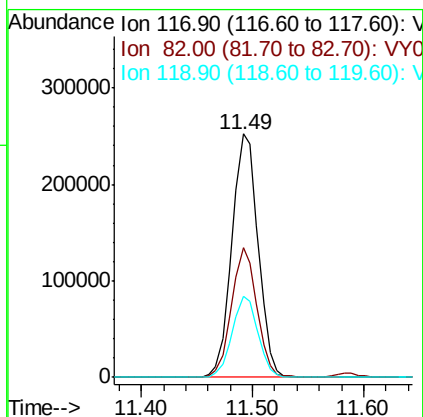
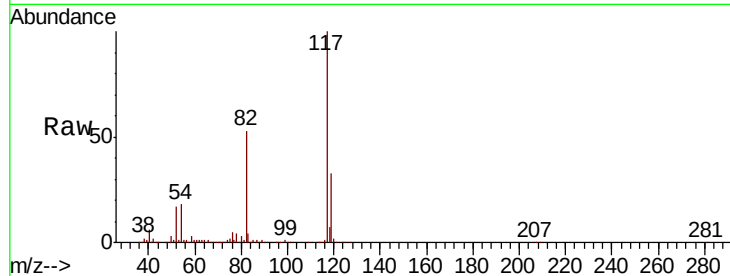




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

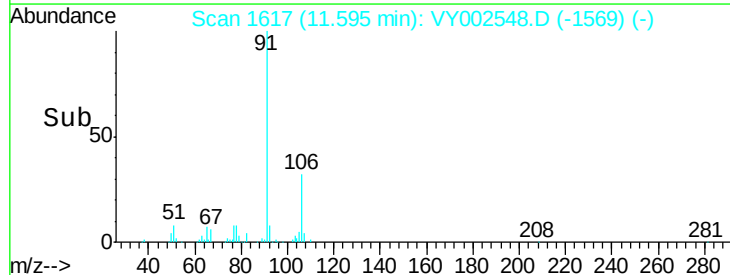
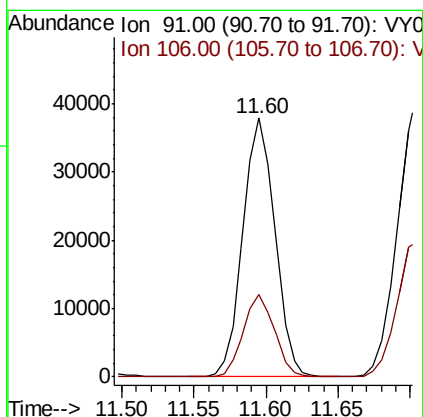
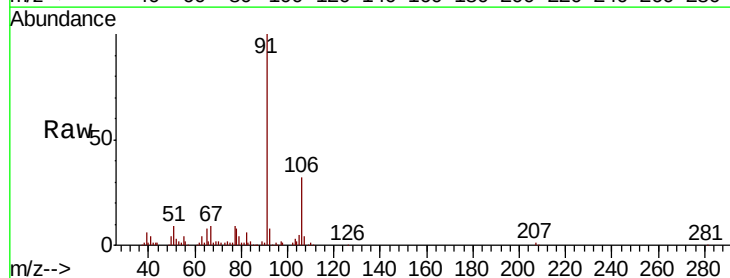
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-043020

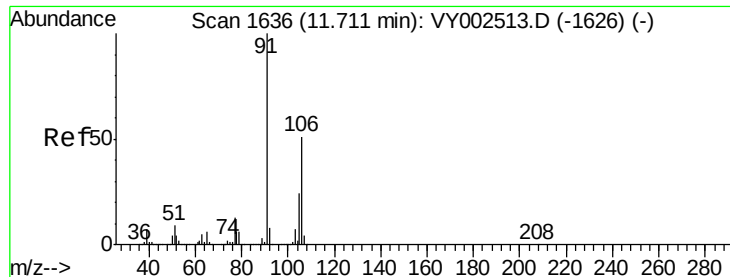
Tot Ion:117 Resp: 410151
Ion Ratio Lower Upper
117 100
82 52.8 41.3 61.9
119 33.2 26.0 39.0



#67
Ethyl Benzene
Concen: 4.275 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Tgt Ion: 91 Resp: 58556
Ion Ratio Lower Upper
91 100
106 31.7 26.1 39.1





#68

m/p-Xylenes

Concen: 7.128 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

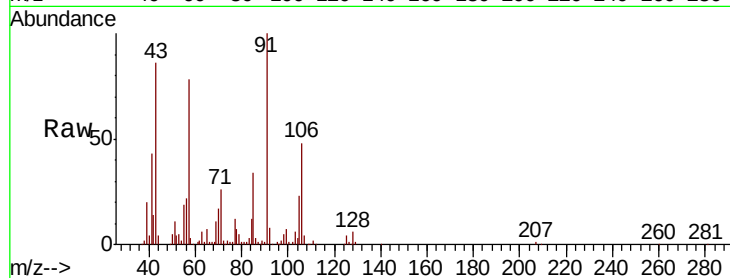
SU-03-043020

Tot Ion:106 Resp: 37775

Ion Ratio Lower Upper

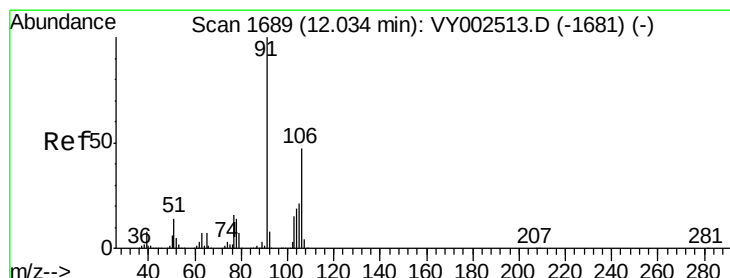
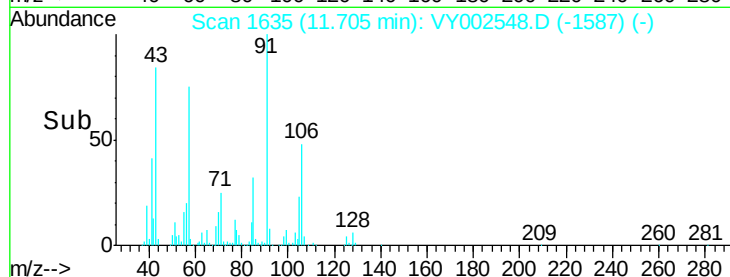
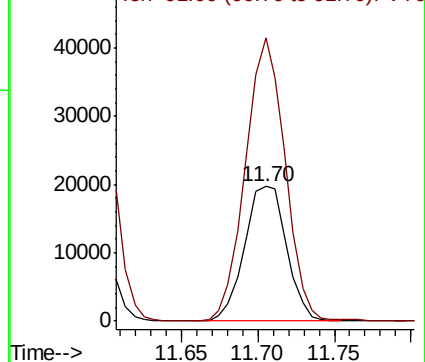
106 100

91 198.7 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#69

o-Xylene

Concen: 18.438 ug/l

RT: 12.03 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VY002548.D

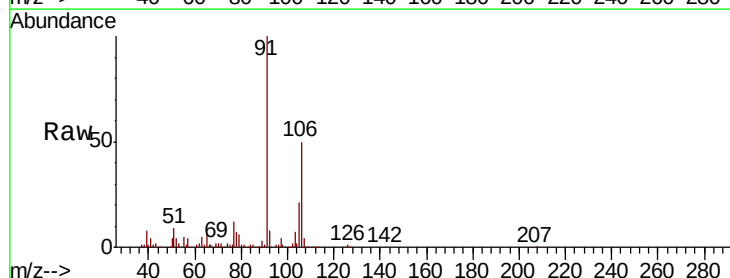
Acq: 04 May 2020 17:55

Tgt Ion:106 Resp: 91486

Ion Ratio Lower Upper

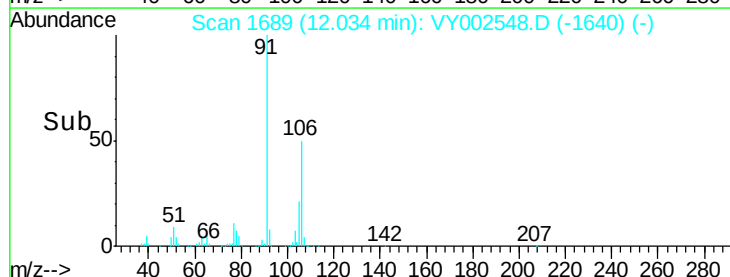
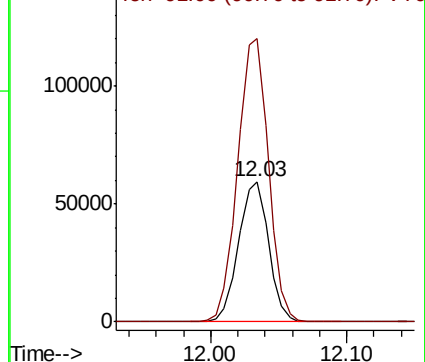
106 100

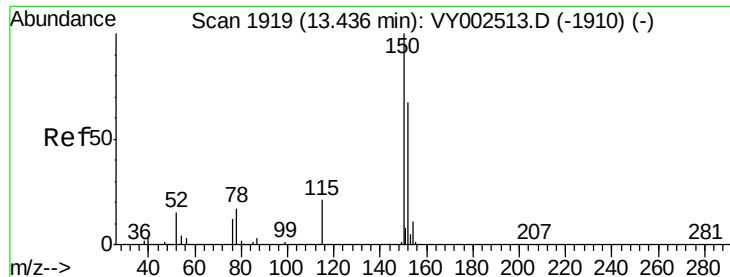
91 208.3 103.8 311.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



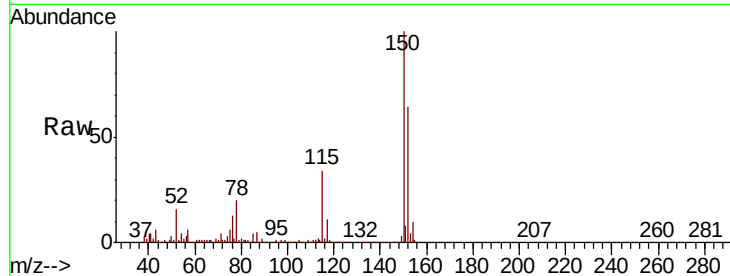


#72

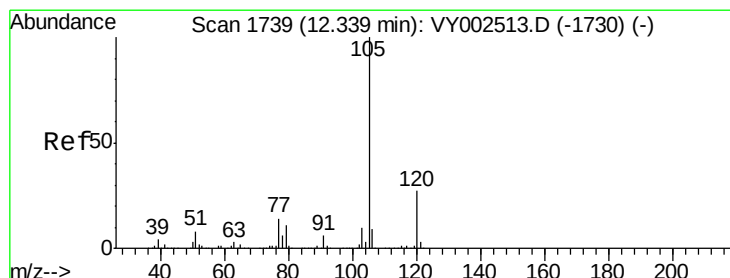
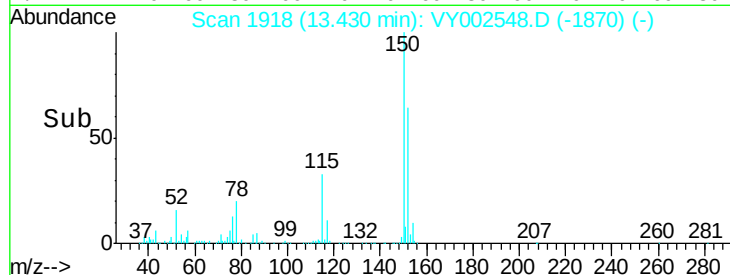
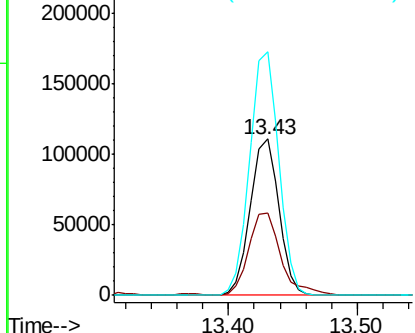
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-043020

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.7	27.5	82.4
150	157.3	0.0	346.4



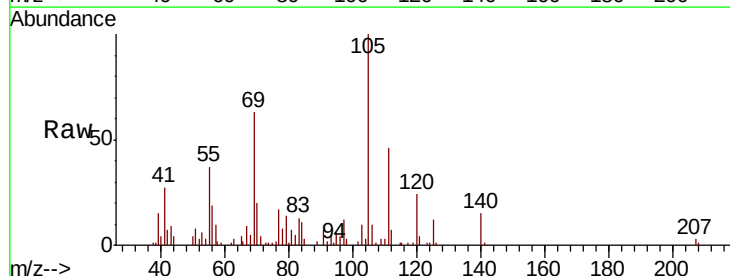
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



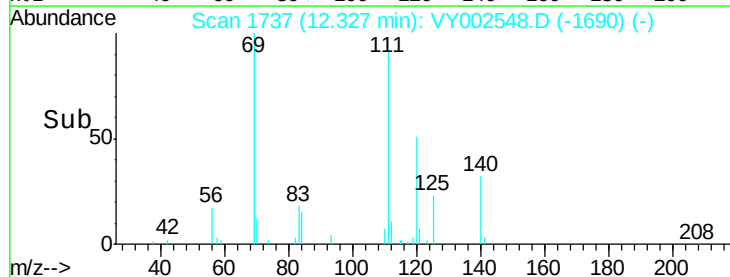
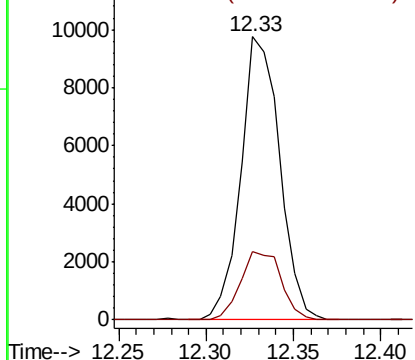
#73

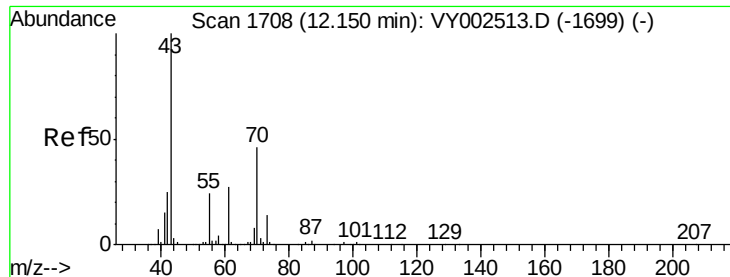
Isopropylbenzene
Concen: 1.369 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.3	13.8	41.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 6.149 ug/l

RT: 12.13 min Scan# 1704

Delta R.T. -0.02 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-043020

Tot Ion: 43 Resp: 16354

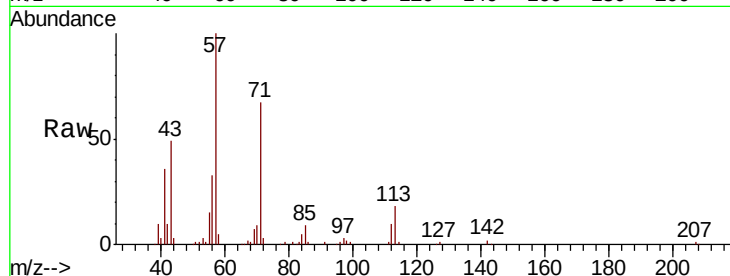
Ion Ratio Lower Upper

43 100

70 11.0 36.7 55.1#

55 11.8 19.2 28.8#

61 0.0 21.1 31.7#

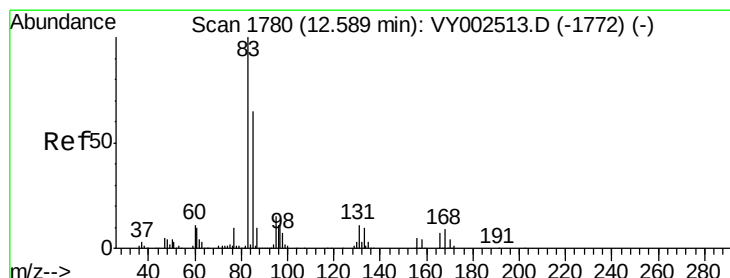
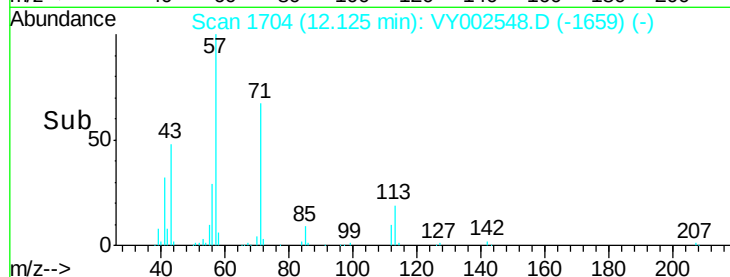
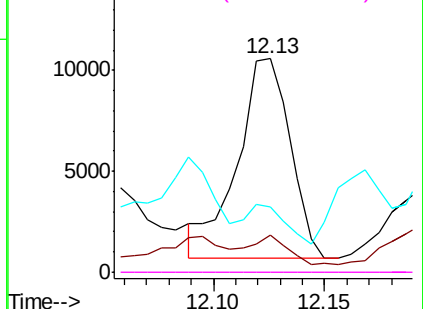


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#75

1,1,2,2-Tetrachloroethane

Concen: 3.561 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.05 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

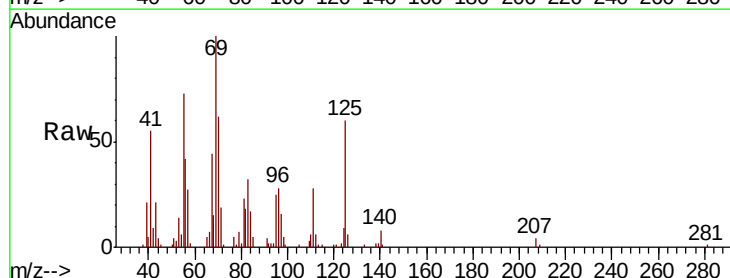
Tgt Ion: 83 Resp: 6261

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.8#

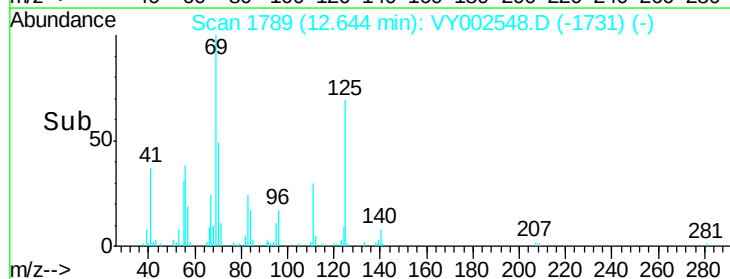
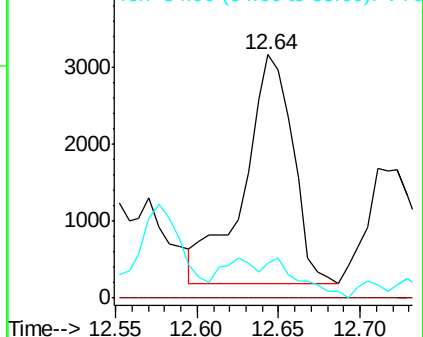
85 0.0 31.9 95.9#

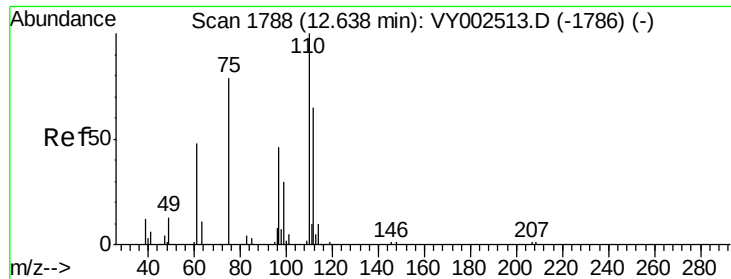


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0





#76

1,2,3-Trichloropropane

Concen: 53.630 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

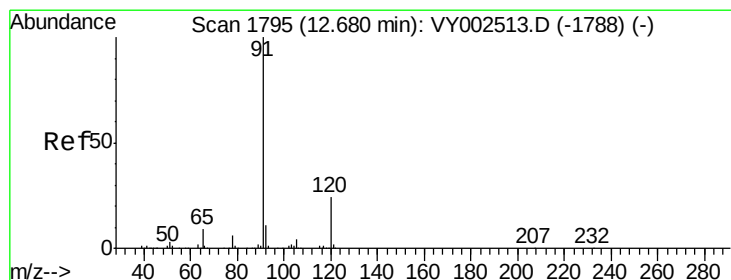
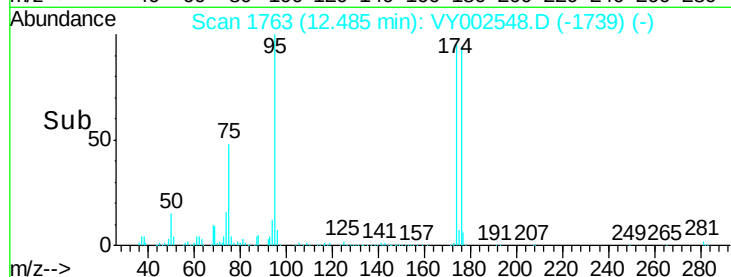
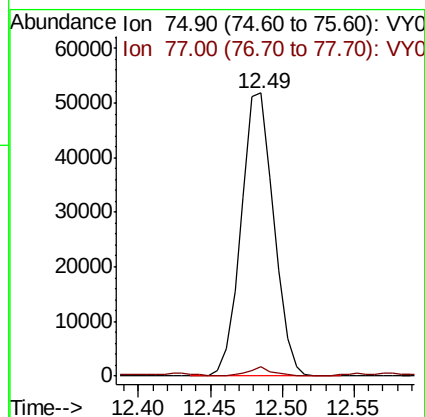
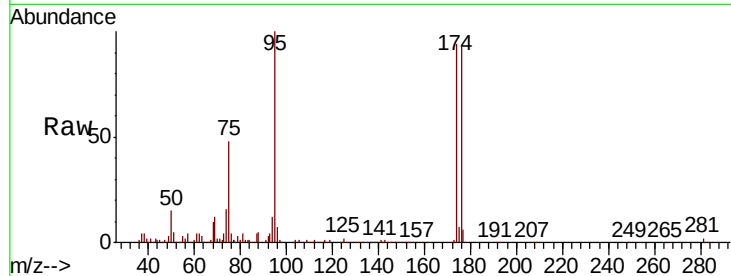
SU-03-043020

Tot Ion: 75 Resp: 81305

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#



#78

n-propylbenzene

Concen: 2.194 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002548.D

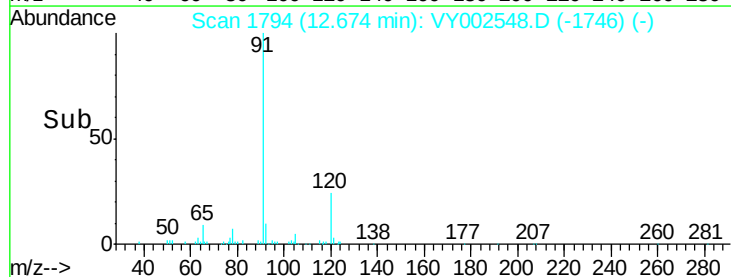
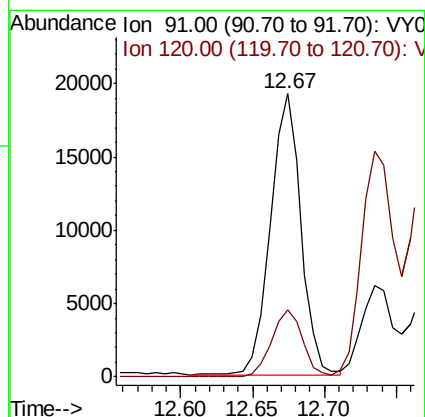
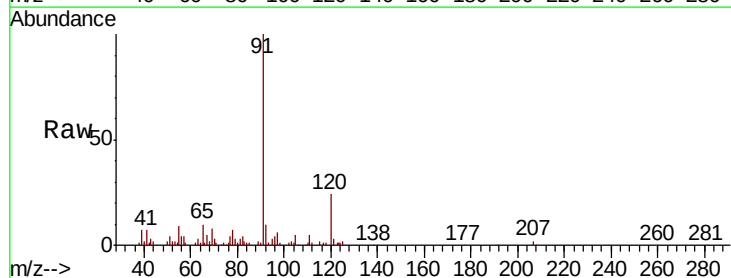
Acq: 04 May 2020 17:55

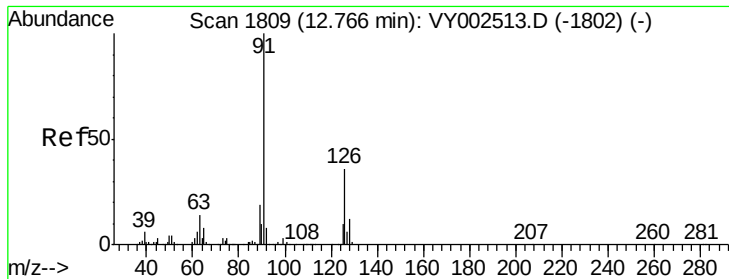
Tgt Ion: 91 Resp: 28150

Ion Ratio Lower Upper

91 100

120 24.4 12.2 36.4

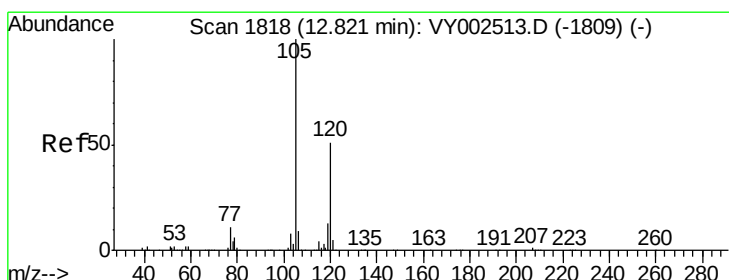
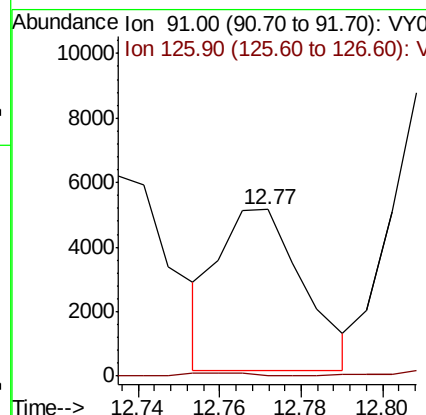
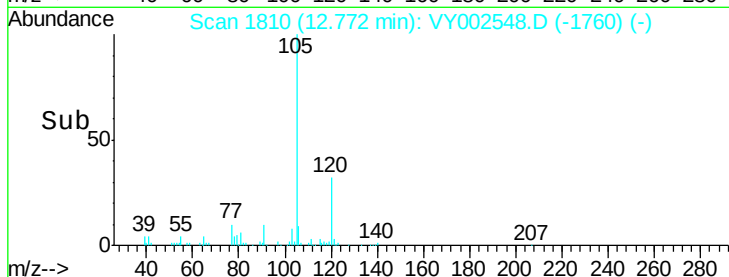
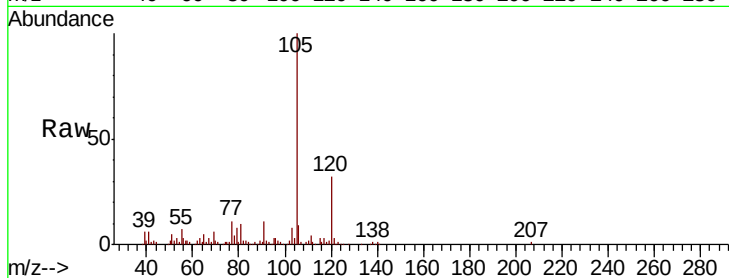




#79
 2-Chlorotoluene
 Concen: 1.014 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY002548.D
 Acq: 04 May 2020 17:55

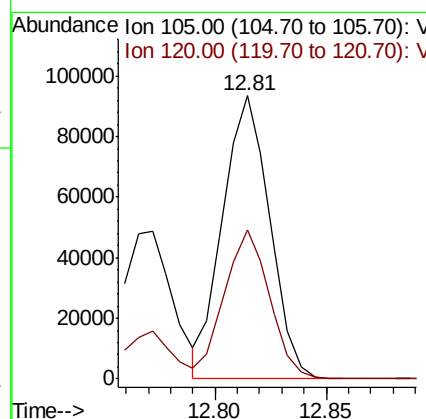
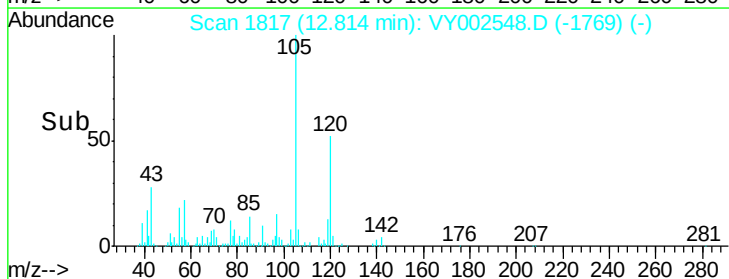
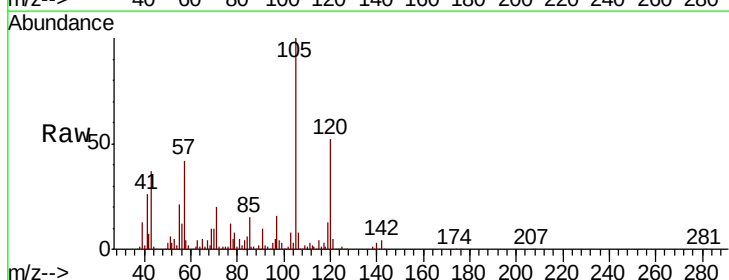
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-043020

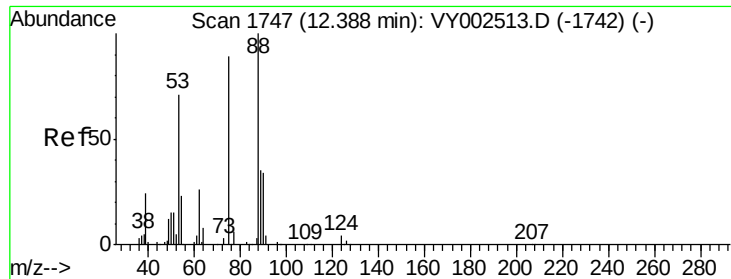
Tot Ion: 91 Resp: 7209
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.4 55.2#



#80
 1,3,5-Trimethylbenzene
 Concen: 14.944 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002548.D
 Acq: 04 May 2020 17:55

Tgt Ion: 105 Resp: 136961
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 107.538 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-043020

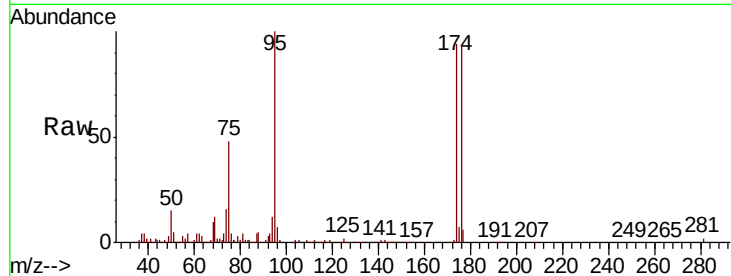
Tot Ion: 75 Resp: 81305

Ion Ratio Lower Upper

75 100

53 0.2 67.4 101.0#

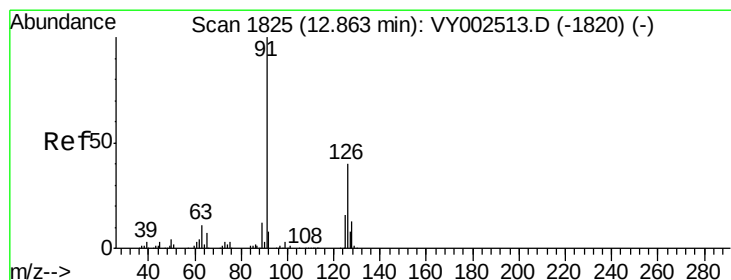
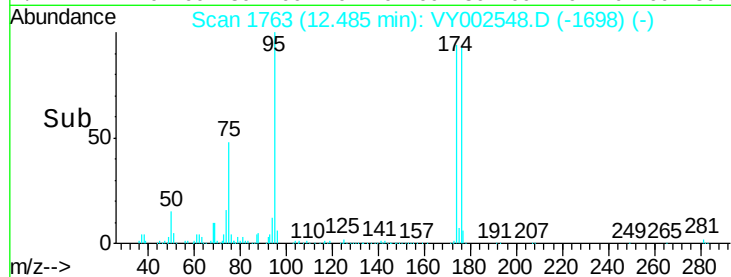
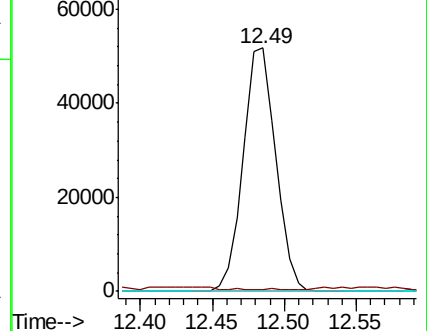
89 0.1 37.4 56.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 1.853 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.05 min

Lab File: VY002548.D

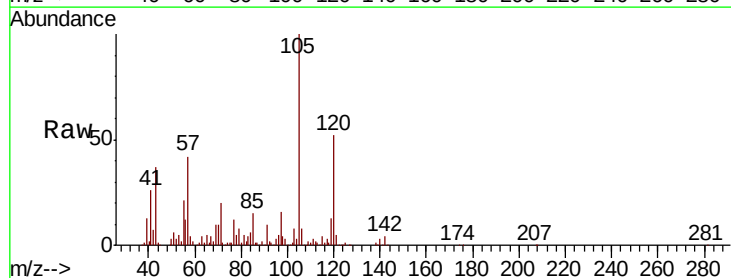
Acq: 04 May 2020 17:55

Tgt Ion: 91 Resp: 13835

Ion Ratio Lower Upper

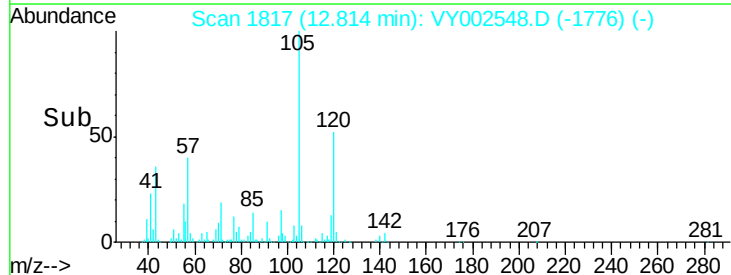
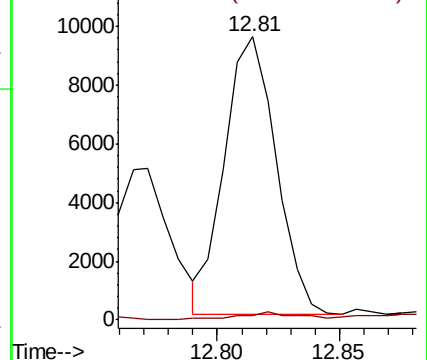
91 100

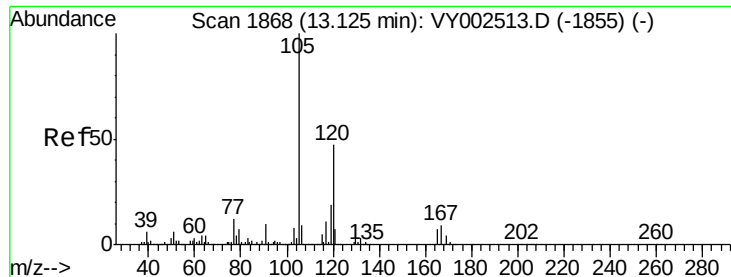
126 3.4 18.5 55.5#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

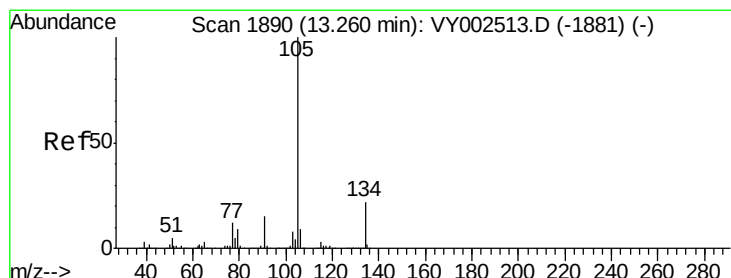
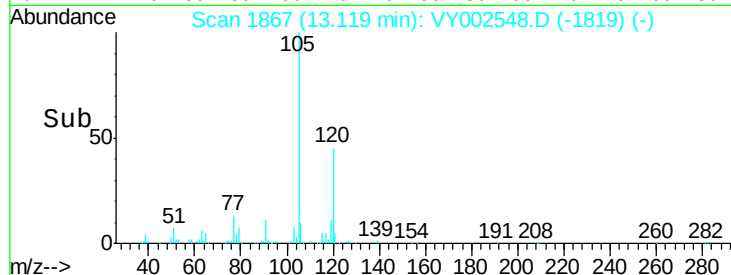
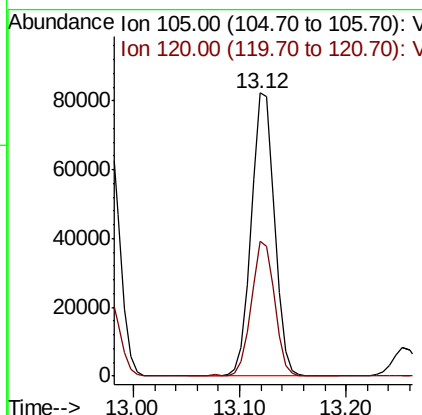
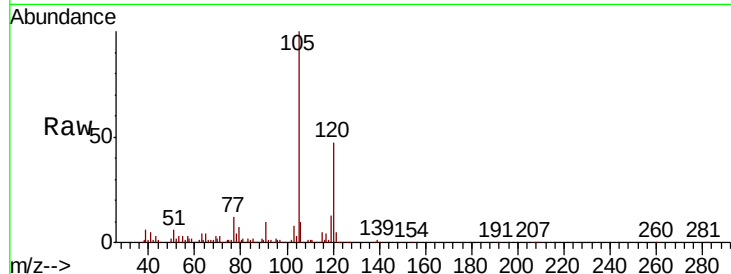




#84
 1,2,4-Trimethylbenzene
 Concen: 13.825 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY002548.D
 Acq: 04 May 2020 17:55

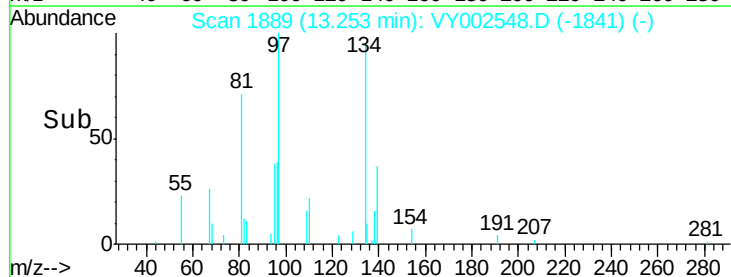
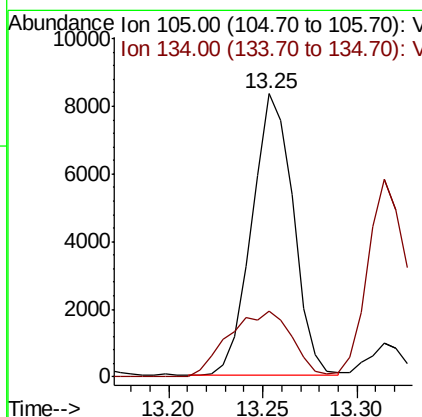
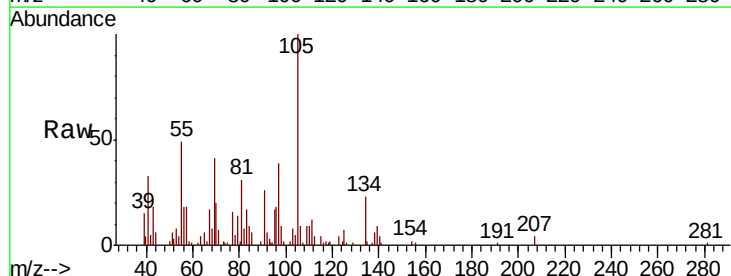
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-043020

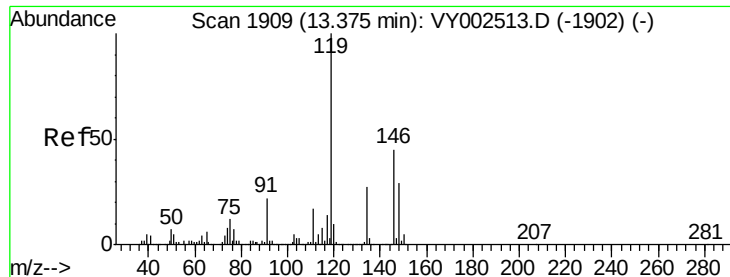
Tot Ion:105 Resp: 126275
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.4 70.3



#85
 sec-Butylbenzene
 Concen: 1.133 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VY002548.D
 Acq: 04 May 2020 17:55

Tgt Ion:105 Resp: 12638
 Ion Ratio Lower Upper
 105 100
 134 35.9 10.8 32.3#





#86

p-Isopropyltoluene

Concen: 2.196 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-043020

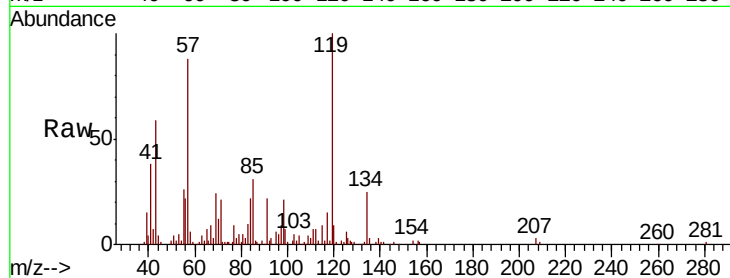
Tot Ion:119 Resp: 22940

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

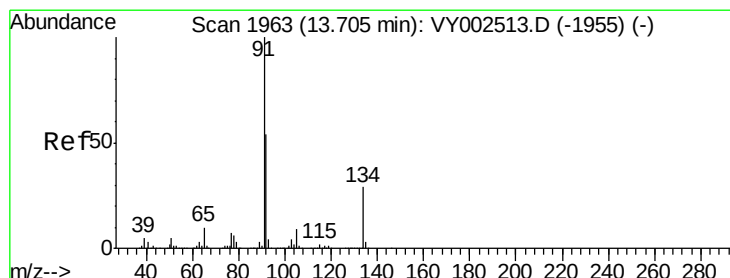
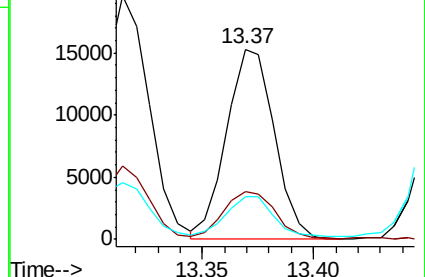
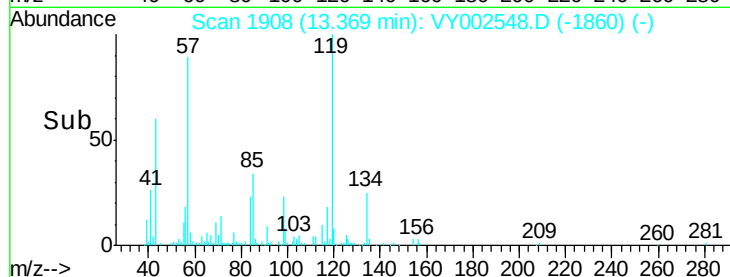
91 20.2 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 1.219 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

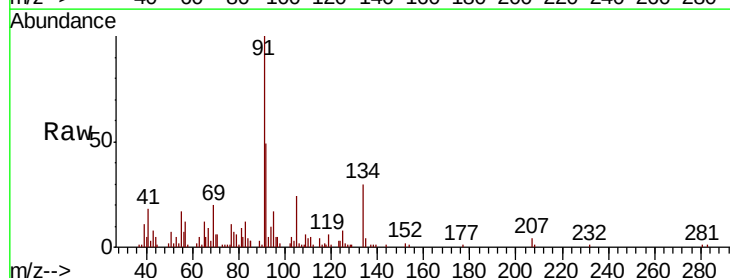
Tgt Ion: 91 Resp: 11598

Ion Ratio Lower Upper

91 100

92 82.0 27.1 81.3#

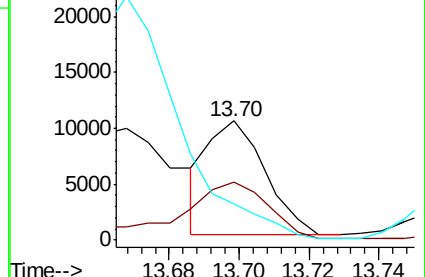
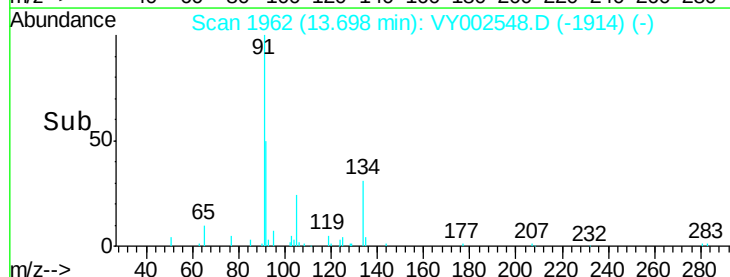
134 0.0 14.4 43.0#

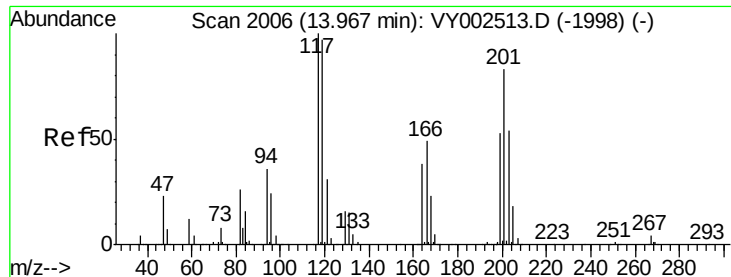


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 3.756 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

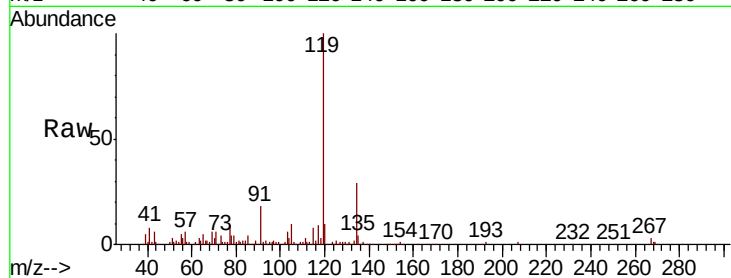
SU-03-043020

Tot Ion:117 Resp: 7146

Ion Ratio Lower Upper

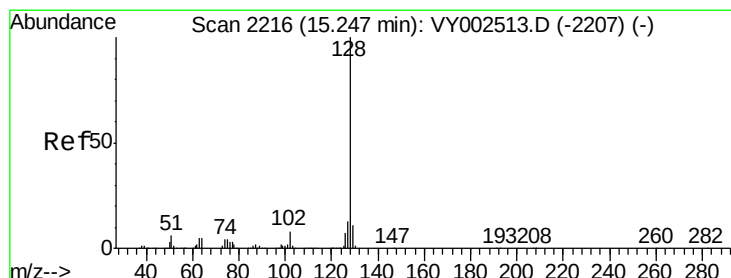
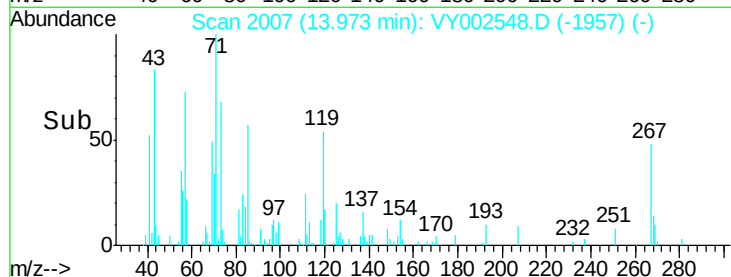
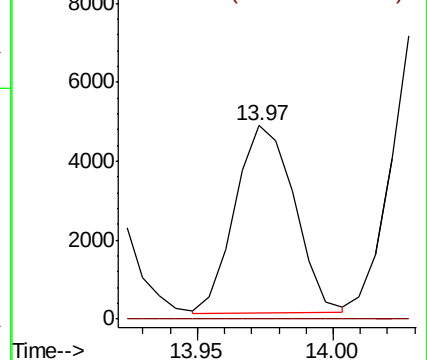
117 100

201 0.0 44.4 133.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 5.765 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002548.D

Acq: 04 May 2020 17:55

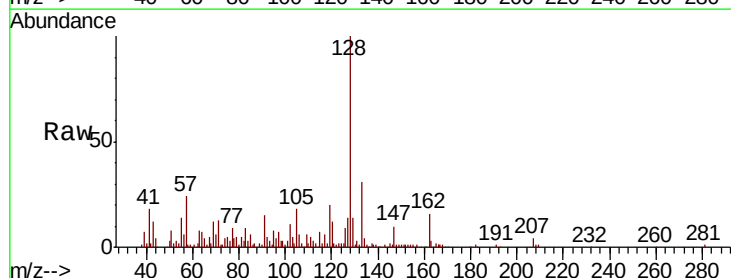
Tgt Ion:128 Resp: 35619

Ion Ratio Lower Upper

128 100

127 17.2 10.5 15.7#

129 14.6 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

