

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052820\
 Data File : VX016491.D
 Acq On : 28 May 2020 17:25
 Operator : JC/SP
 Sample : L2767-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1006

Quant Time: May 29 03:40:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	270725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	443418	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	440168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	230063	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	164683	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	5.47	113	129253	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
50) Toluene-d8	8.70	98	548202	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	11.12	95	226291	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	

Target Compounds

					Qvalue	
8) Diethyl Ether	2.17	74	612	0.328	ug/l #	2
11) Tert butyl alcohol	3.01	59	6611	7.668	ug/l	99
13) Acrolein	2.28	56	201	0.548	ug/l #	13
14) Allyl chloride	2.68	41	1138	0.238	ug/l #	55
16) Acetone	2.42	43	79622	54.055	ug/l	98
17) Carbon Disulfide	2.55	76	5600	0.724	ug/l #	90
18) Methyl Acetate	2.75	43	801	0.212	ug/l	95
20) Methylene Chloride	2.83	84	9573	3.141	ug/l	94
25) 2-Butanone	4.64	43	51215	20.519	ug/l	99
26) 2,2-Dichloropropane	4.65	77	1007	0.237	ug/l #	56
29) Tetrahydrofuran	5.10	42	3145	1.950	ug/l #	74
36) 1,1-Dichloropropene	5.63	75	20342	4.845	ug/l #	50
37) Ethyl Acetate	4.64	43	51215	10.161	ug/l #	69
38) Carbon Tetrachloride	5.64	117	26002	5.893	ug/l #	16
48) Methyl methacrylate	7.77	41	1349	0.358	ug/l #	51
49) 1,4-Dioxane	7.54	88	19	0.216	ug/l #	23
51) 4-Methyl-2-Pentanone	8.62	43	49812	10.175	ug/l	99
52) Toluene	8.76	92	5236	0.664	ug/l	94
59) 2-Hexanone	9.48	43	6490	1.705	ug/l	98
68) m/p-Xylenes	10.34	106	1544	0.261	ug/l	99
69) o-Xylene	10.68	106	1445	0.252	ug/l	96
73) Isopropylbenzene	10.99	105	5903	0.370	ug/l #	72
74) N-ethyl acetate	10.91	43	4057	0.553	ug/l #	67
76) 1,2,3-Trichloropropane	11.12	75	111995	22.147	ug/l #	35
78) n-propylbenzene	11.34	91	6730	0.378	ug/l	91
79) 2-Chlorotoluene	11.42	91	4747	0.437	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	17992	1.352	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.12	75	111995	54.478	ug/l #	14
82) 4-Chlorotoluene	11.49	91	3103	0.242	ug/l #	57
83) tert-Butylbenzene	12.01	119	2573	0.226	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	64360	4.781	ug/l	100
86) p-Isopropyltoluene	12.05	119	46291	3.464	ug/l	95
89) n-Butylbenzene	12.37	91	3965	0.356	ug/l #	45
90) Hexachloroethane	12.57	117	1039	0.450	ug/l #	6

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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

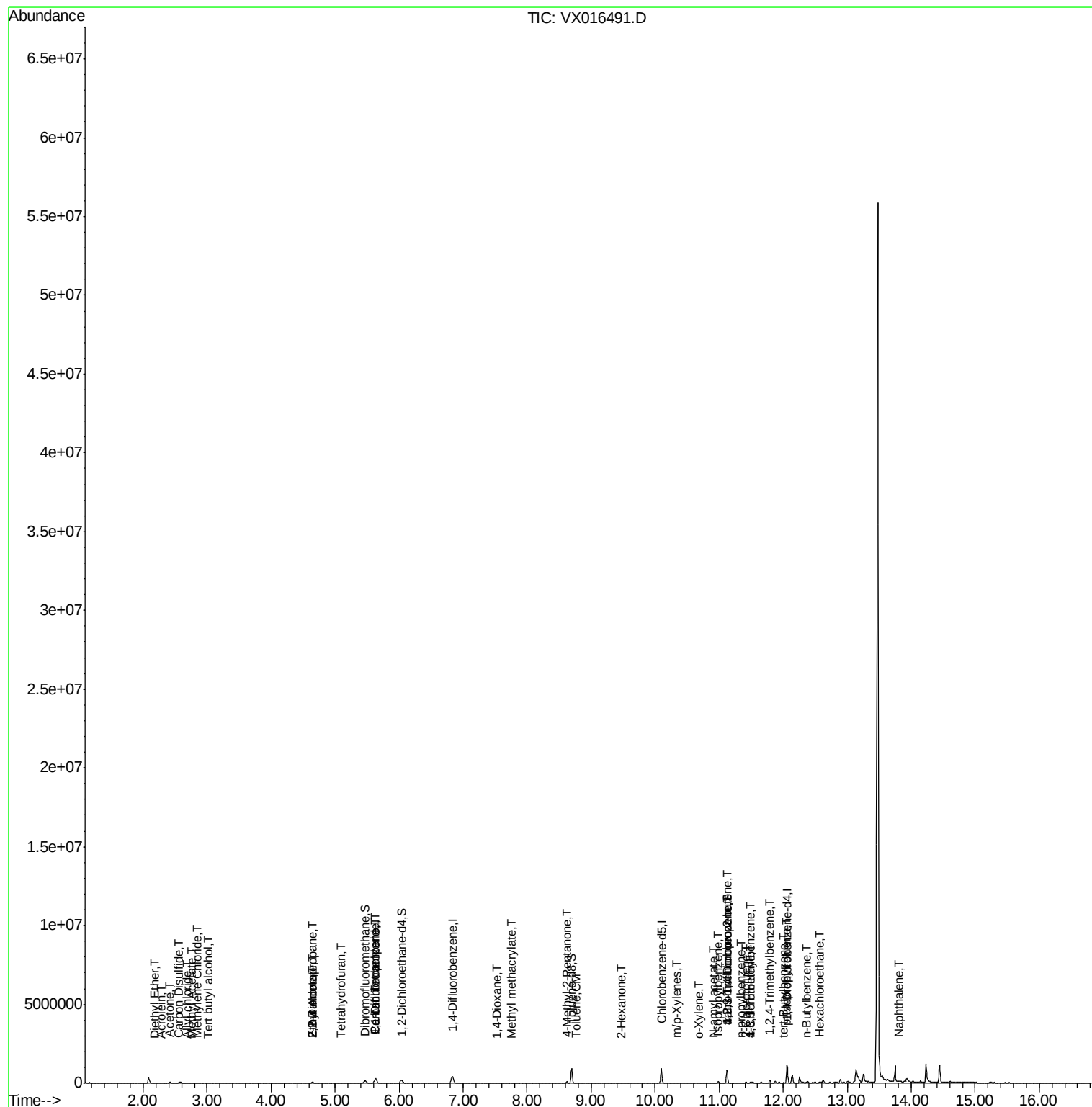
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.82	128	6244	0.391	ug/l #	89

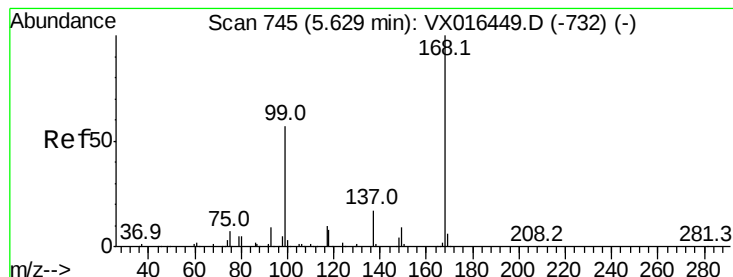
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

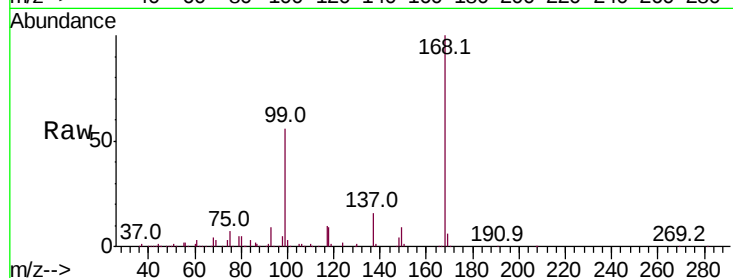
TRE-1006

Tot Ion:168 Resp: 270725

Ion Ratio Lower Upper

168 100

99 56.5 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

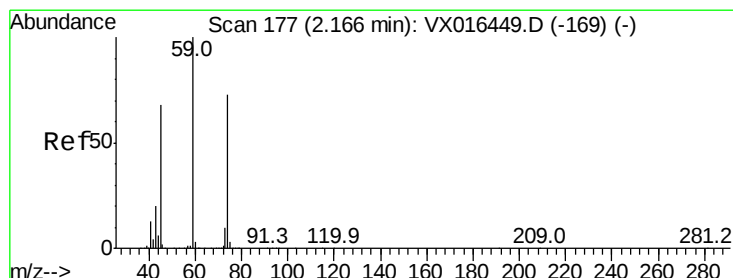
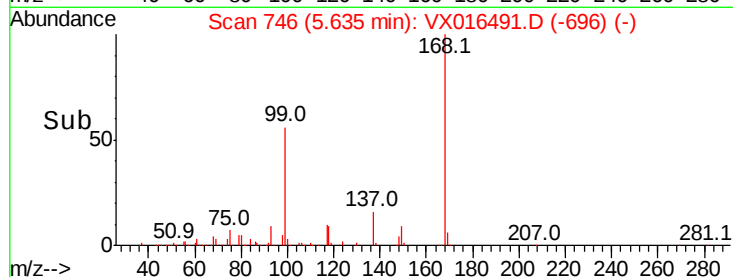
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#8

Diethyl Ether

Concen: 0.328 ug/l

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX016491.D

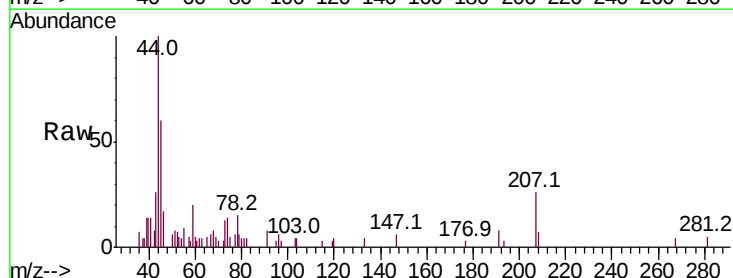
Acq: 28 May 2020 17:25

Tgt Ion: 74 Resp: 612

Ion Ratio Lower Upper

74 100

45 0.0 47.5 142.5#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

200000

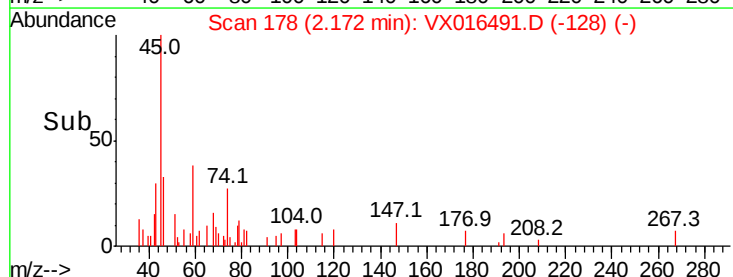
150000

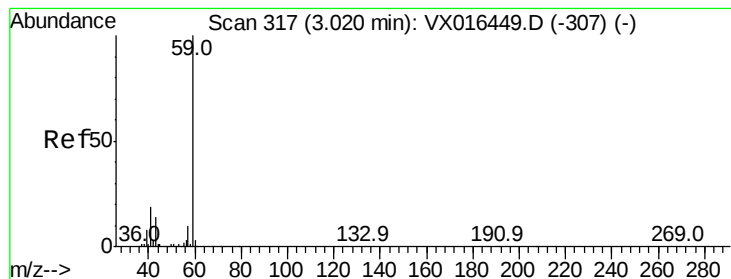
100000

50000

0

Time--> 2.10 2.15 2.20



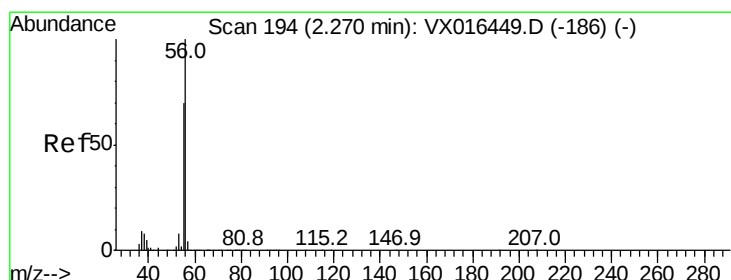
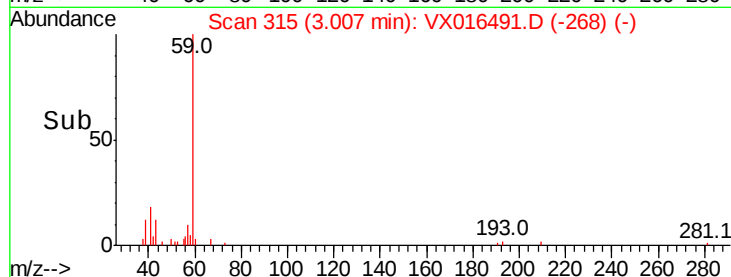
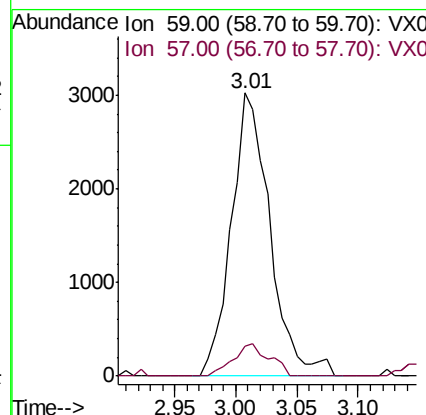
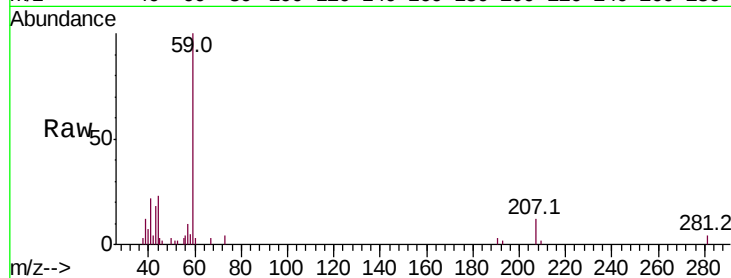


#11

Tert butyl alcohol
 Concen: 7.668 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016491.D
 Acq: 28 May 2020 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1006

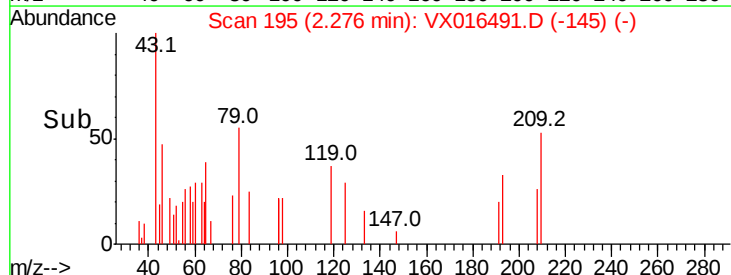
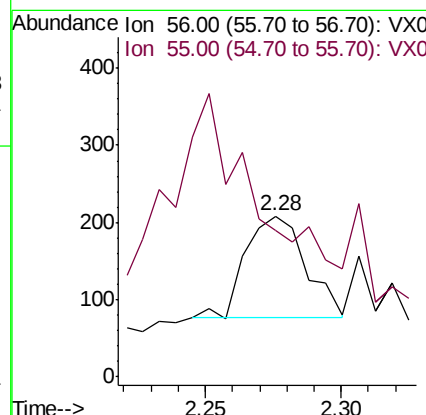
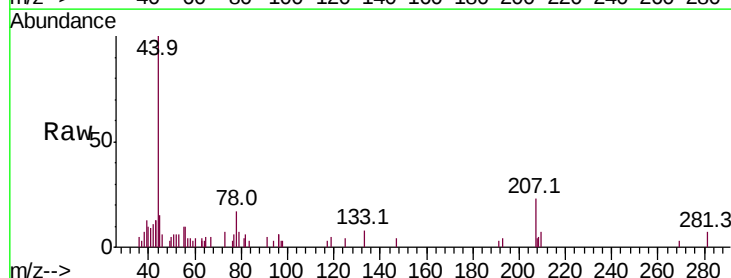
Tot Ion: 59 Resp: 6611
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

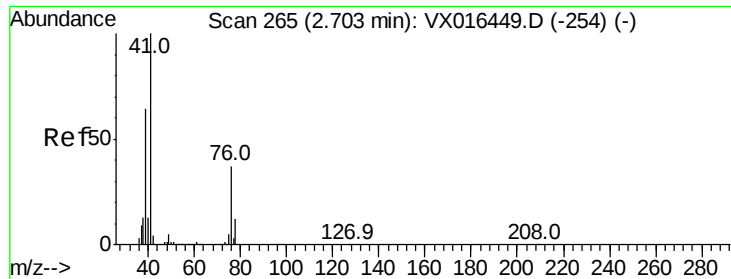


#13

Acrolein
 Concen: 0.548 ug/l
 RT: 2.28 min Scan# 195
 Delta R.T. 0.01 min
 Lab File: VX016491.D
 Acq: 28 May 2020 17:25

Tgt Ion: 56 Resp: 201
 Ion Ratio Lower Upper
 56 100
 55 0.0 58.3 87.5#

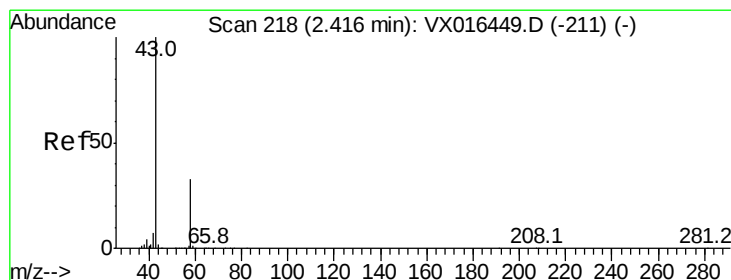
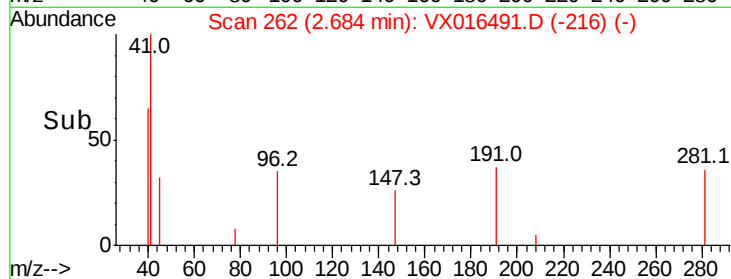
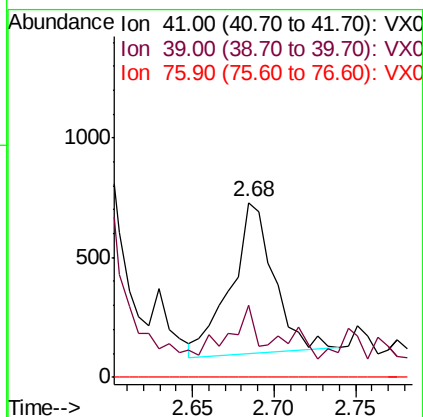
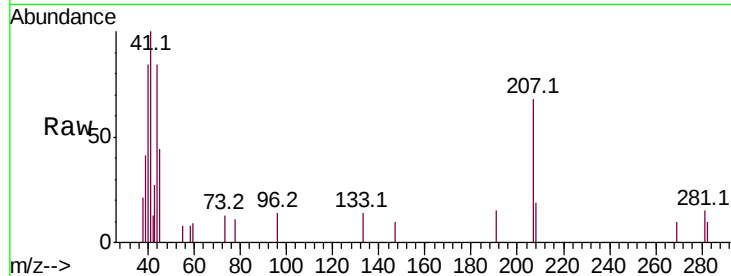




#14
Allvl chloride
Concen: 0.238 ug/l
RT: 2.68 min Scan# 262
Delta R.T. -0.02 min
Lab File: VX016491.D
Acq: 28 May 2020 17:25

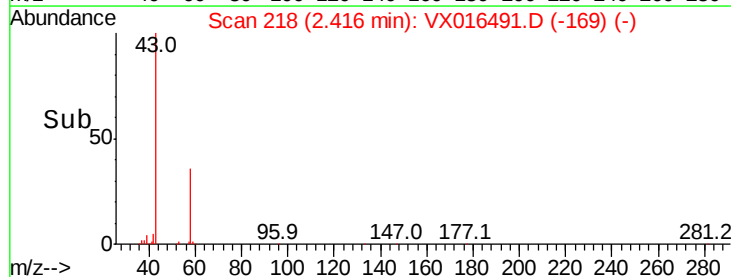
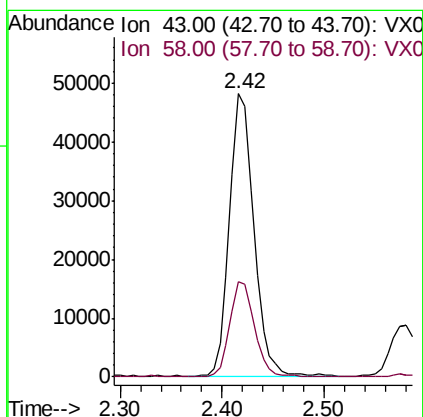
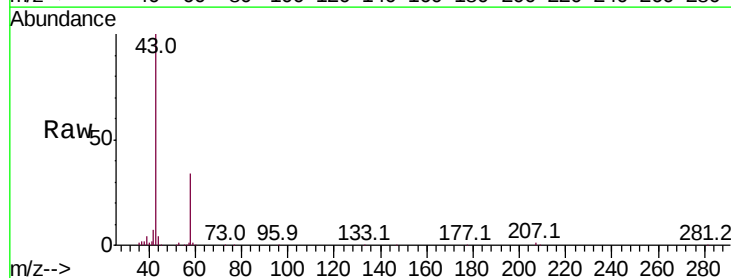
Instrument :
MSVOA_X
ClientSampleId :
TRE-1006

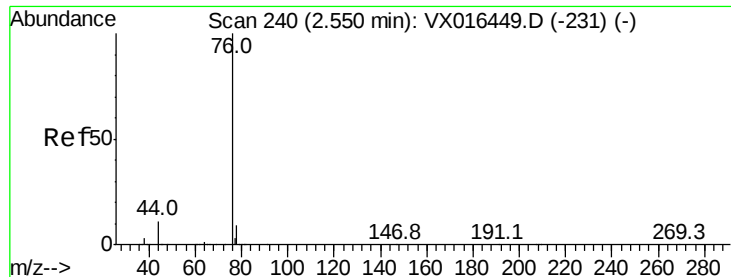
Tot Ion: 41 Resp: 1138
Ion Ratio Lower Upper
41 100
39 31.3 47.7 71.5#
76 0.0 26.6 40.0#



#16
Acetone
Concen: 54.055 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016491.D
Acq: 28 May 2020 17:25

Tgt Ion: 43 Resp: 79622
Ion Ratio Lower Upper
43 100
58 33.7 26.1 39.1





#17

Carbon Disulfide

Concen: 0.724 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

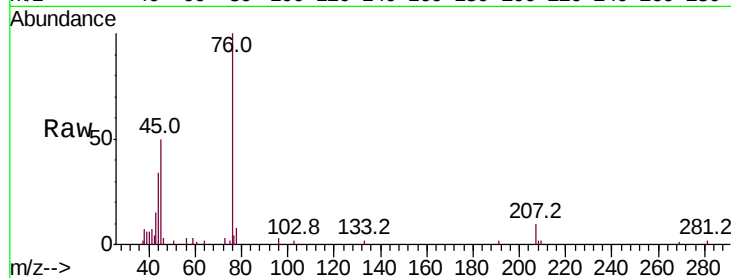
TRE-1006

Tot Ion: 76 Resp: 5600

Ion Ratio Lower Upper

76 100

78 5.7 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

4000

3000

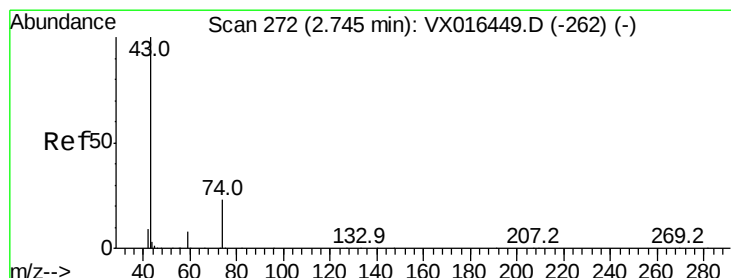
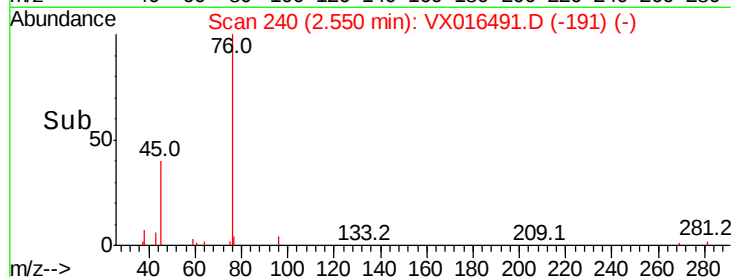
2000

1000

0

Time-->

2.50 2.55 2.60



#18

Methyl Acetate

Concen: 0.212 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX016491.D

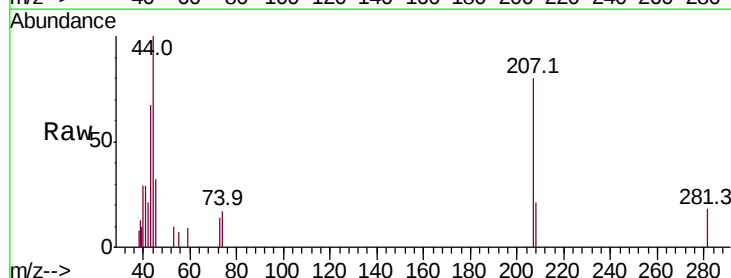
Acq: 28 May 2020 17:25

Tgt Ion: 43 Resp: 801

Ion Ratio Lower Upper

43 100

74 22.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

600

500

400

300

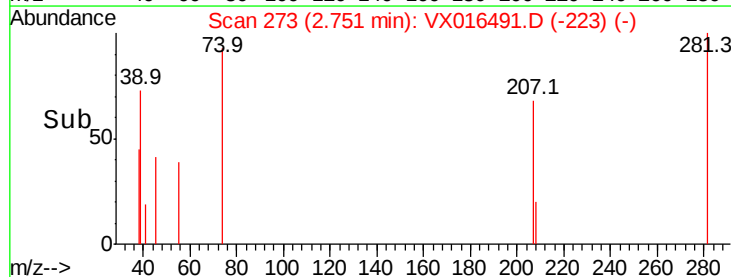
200

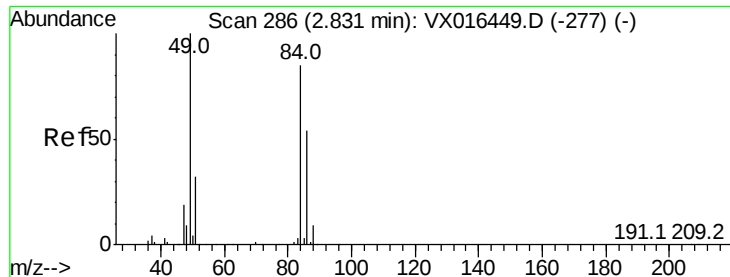
100

0

Time-->

2.70 2.75 2.80





#20

Methylene Chloride

Concen: 3.141 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

TRE-1006

Tot Ion: 84 Resp: 9573

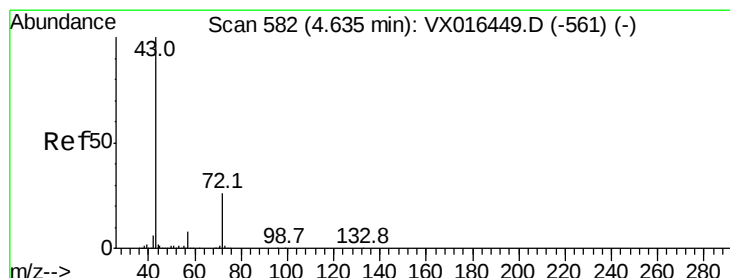
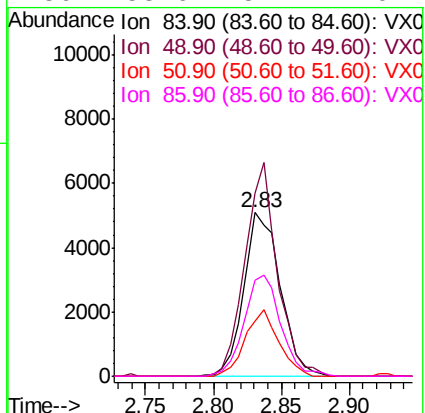
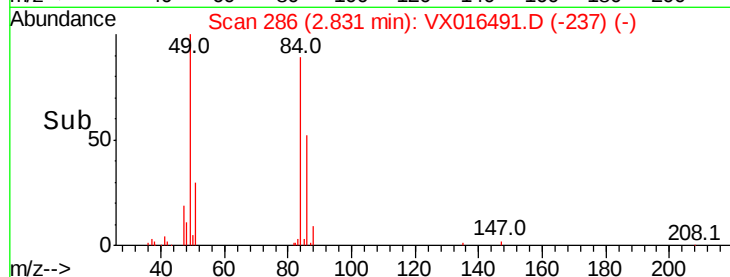
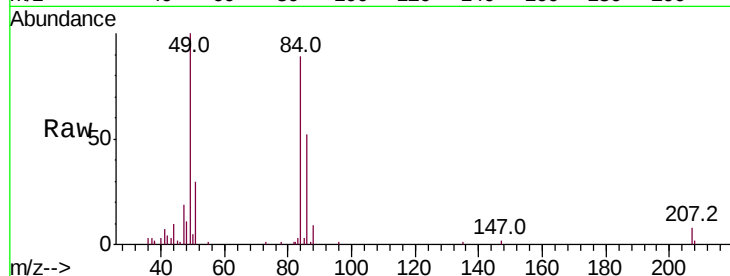
Ion Ratio Lower Upper

84 100

49 111.9 94.5 141.7

51 33.4 30.2 45.4

86 58.6 51.1 76.7



#25

2-Butanone

Concen: 20.519 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016491.D

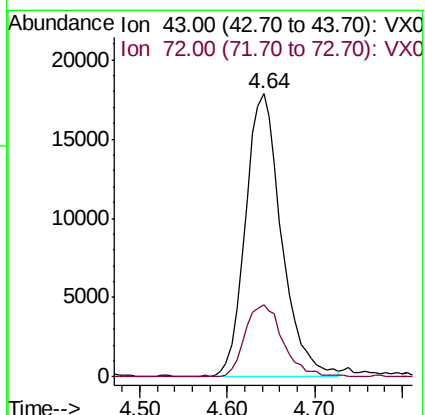
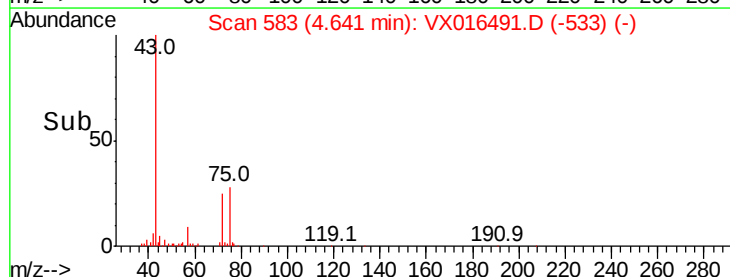
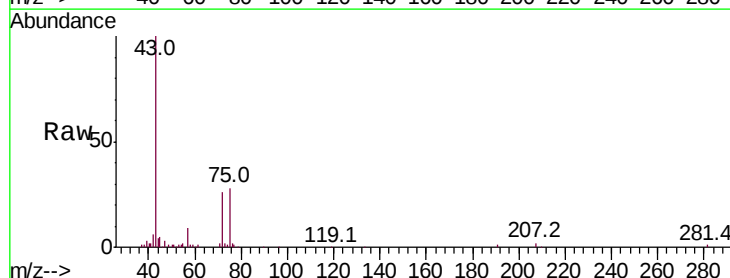
Acq: 28 May 2020 17:25

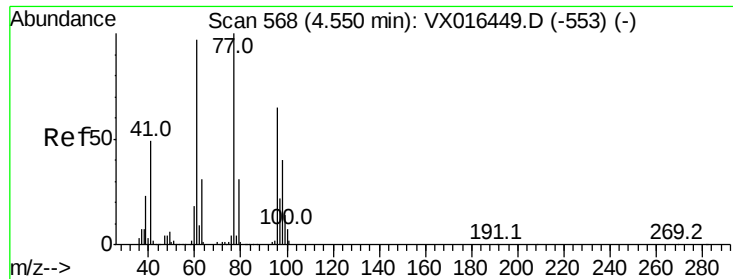
Tgt Ion: 43 Resp: 51215

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.6





#26

2,2-Dichloropropane

Concen: 0.237 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.10 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

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ClientSampleId :

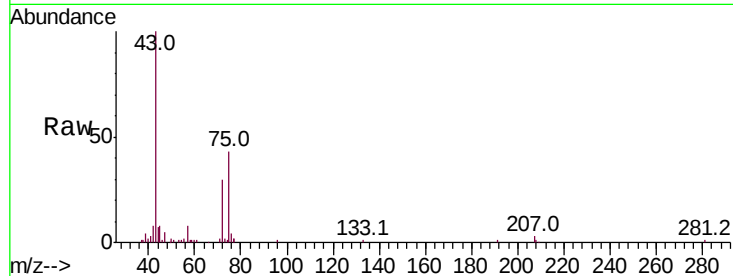
TRE-1006

Tot Ion: 77 Resp: 1007

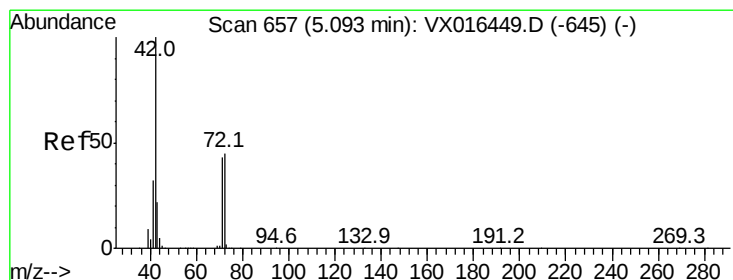
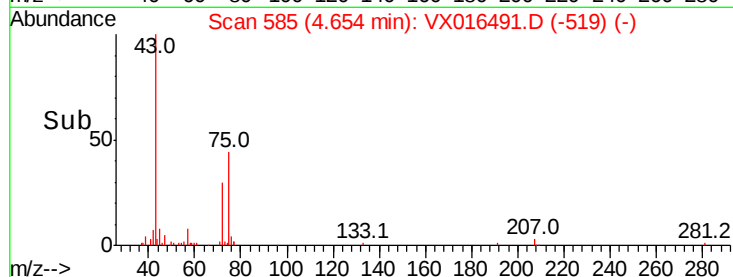
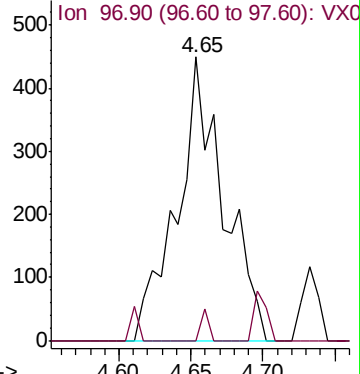
Ion Ratio Lower Upper

77 100

97 1.8 11.5 34.4#



Abundance Ion 76.90 (76.60 to 77.60): VX0



#29

Tetrahydrofuran

Concen: 1.950 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

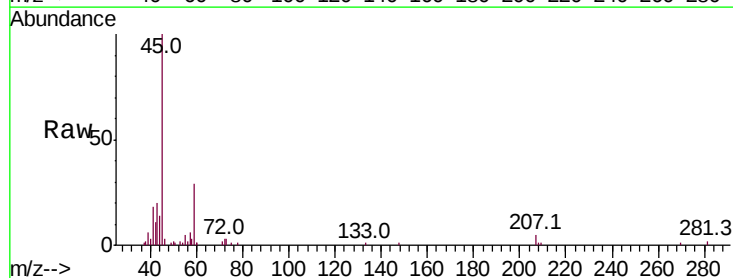
Tgt Ion: 42 Resp: 3145

Ion Ratio Lower Upper

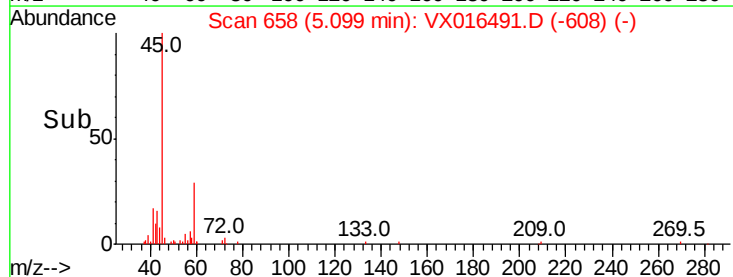
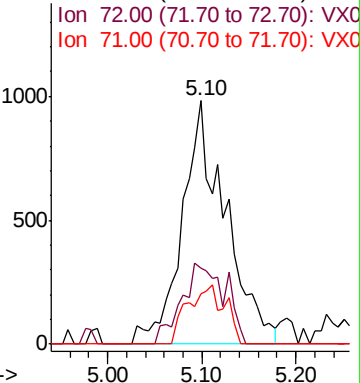
42 100

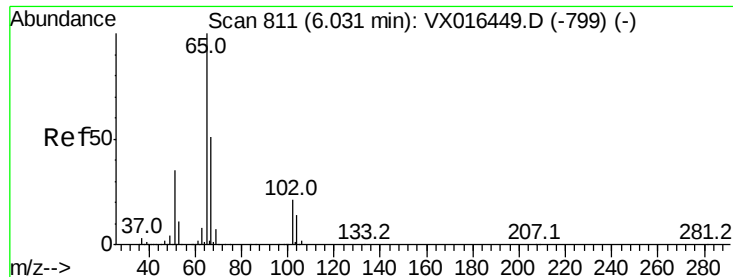
72 33.4 37.0 55.4#

71 20.9 34.1 51.1#



Abundance Ion 42.00 (41.70 to 42.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.983 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

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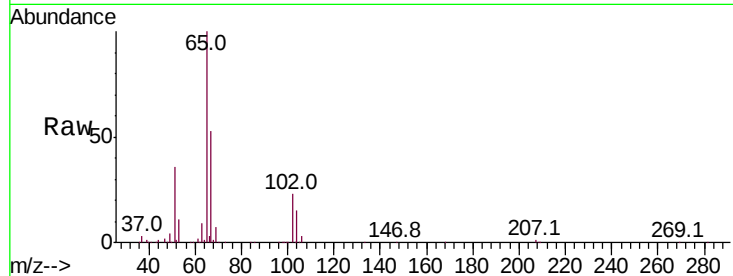
TRE-1006

Tot Ion: 65 Resp: 164683

Ion Ratio Lower Upper

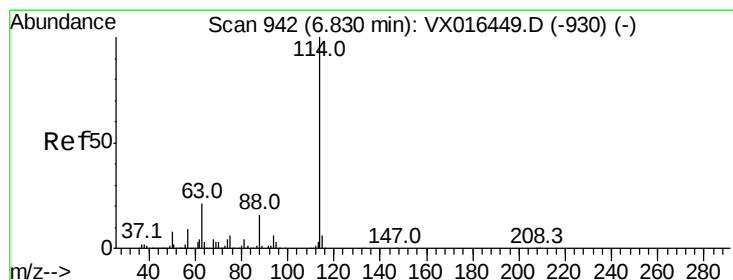
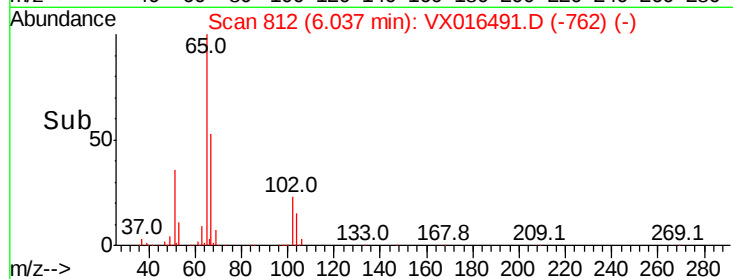
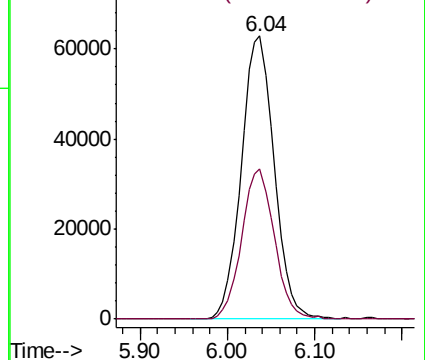
65 100

67 52.7 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

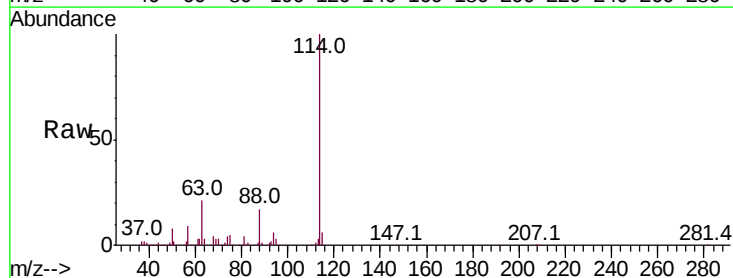
Tgt Ion: 114 Resp: 443418

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

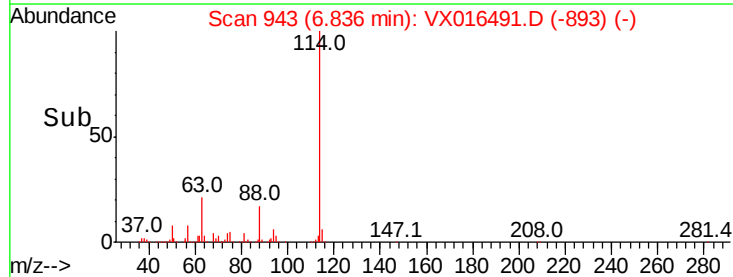
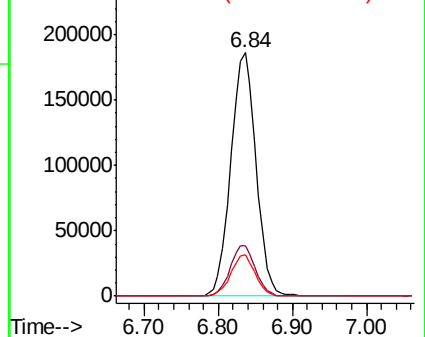
88 16.8 0.0 32.8

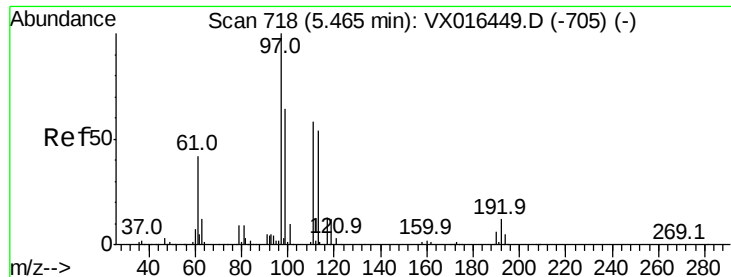


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.340 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

TRE-1006

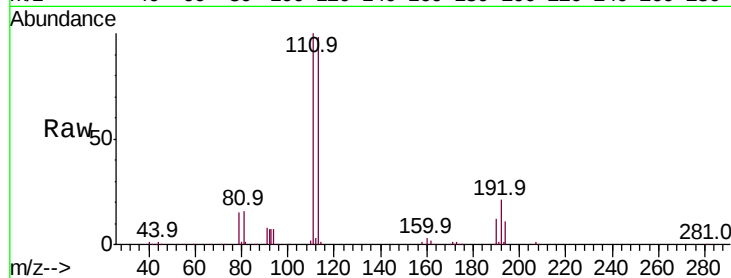
Tot Ion:113 Resp: 129253

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.6

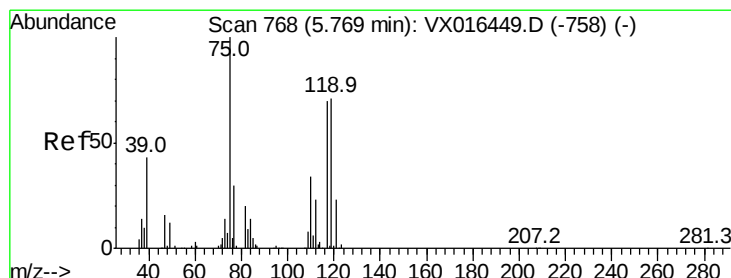
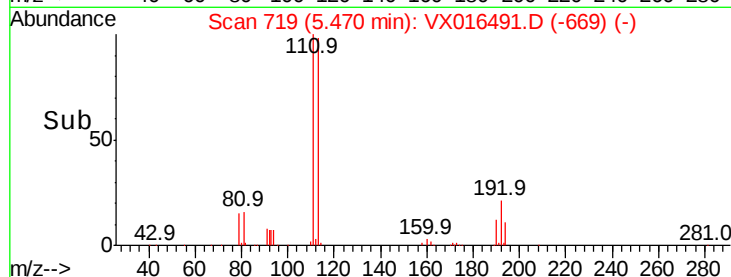
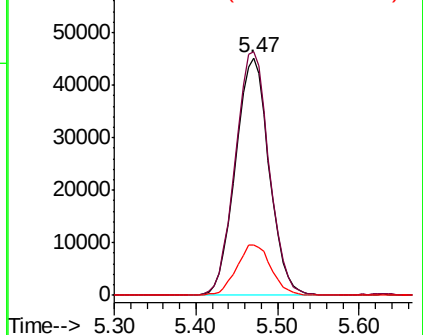
192 21.8 17.7 26.5



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: 4.845 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

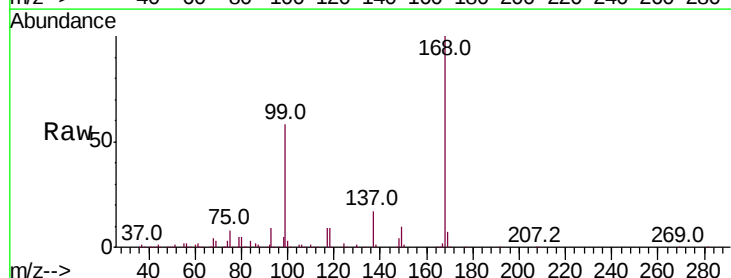
Tgt Ion: 75 Resp: 20342

Ion Ratio Lower Upper

75 100

110 8.9 17.4 52.3#

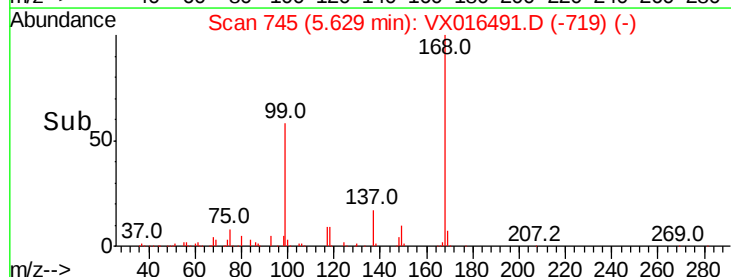
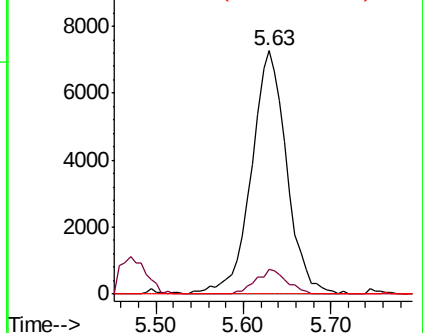
77 0.0 24.2 36.4#

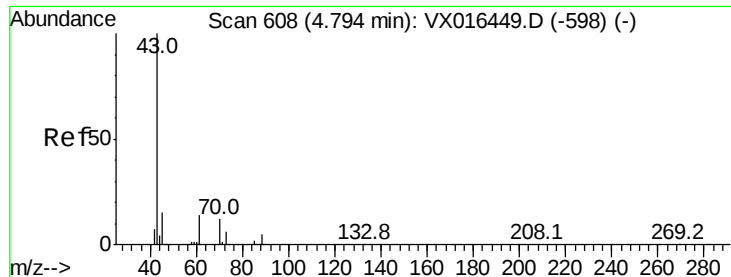


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 10.161 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

TRE-1006

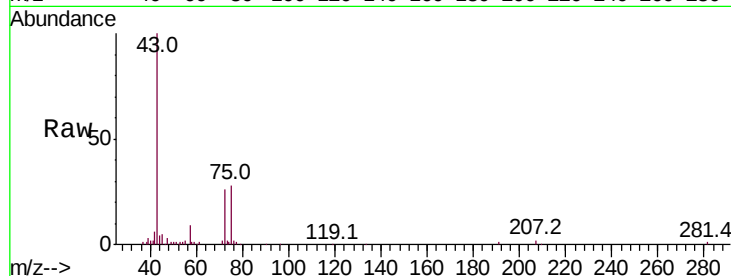
Tot Ion: 43 Resp: 51215

Ion Ratio Lower Upper

43 100

61 0.9 11.3 16.9#

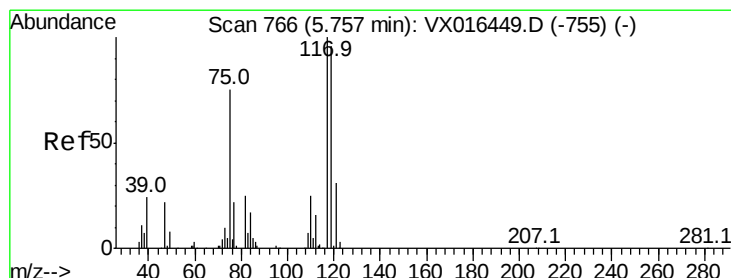
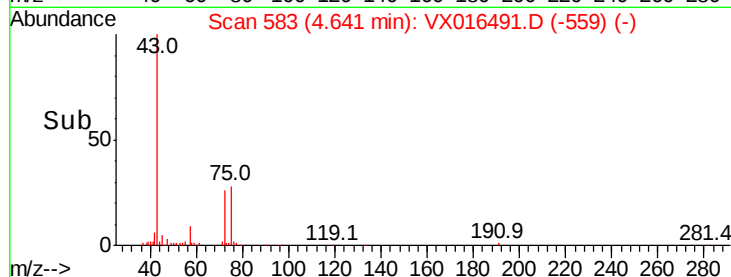
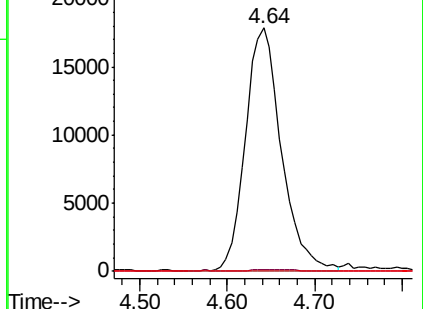
70 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 5.893 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

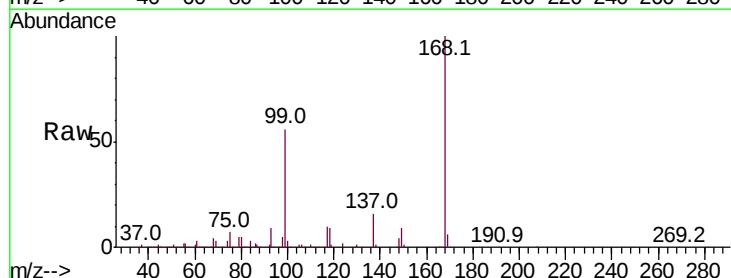
Tgt Ion: 117 Resp: 26002

Ion Ratio Lower Upper

117 100

119 5.1 76.3 114.5#

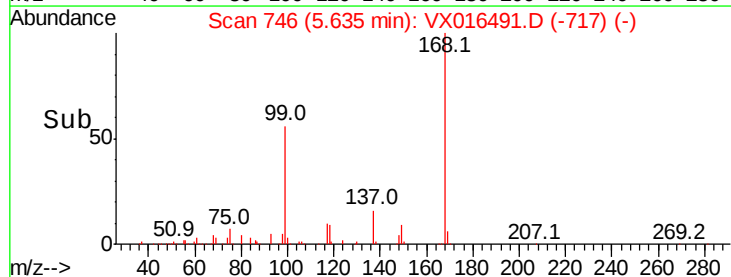
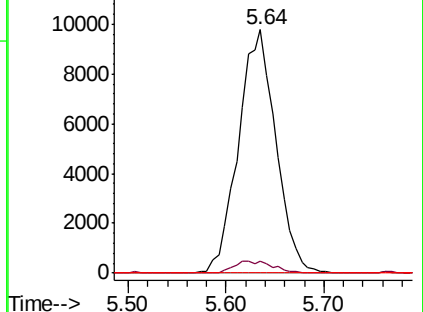
121 0.0 24.6 37.0#

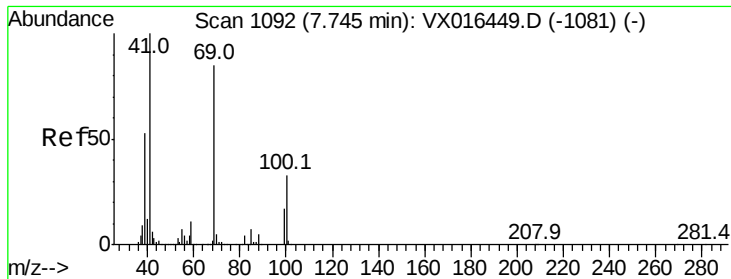


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#48

Methvl methacrylate

Concen: 0.358 ug/l

RT: 7.77 min Scan# 1096

Delta R.T. 0.02 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

TRE-1006

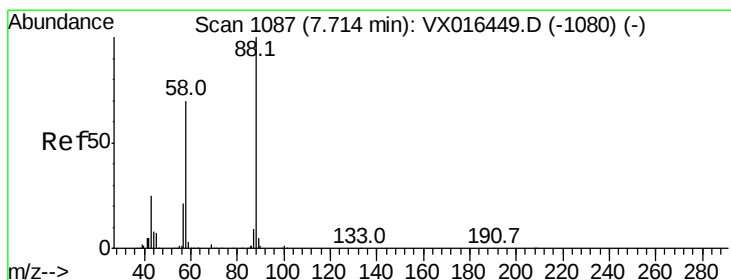
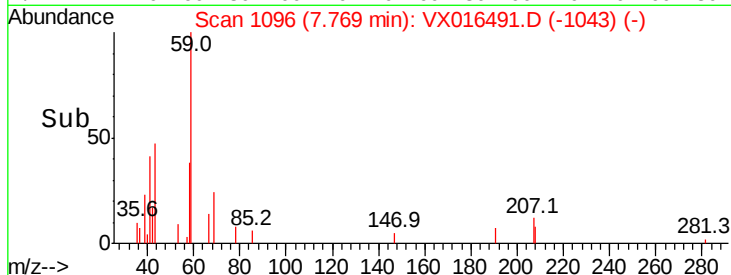
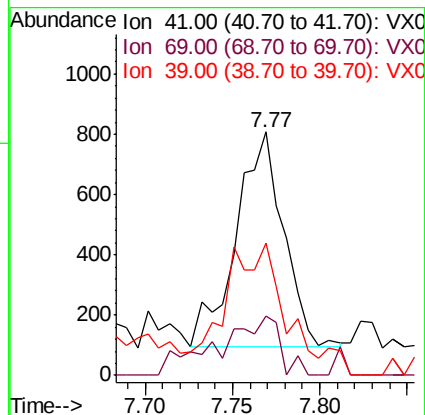
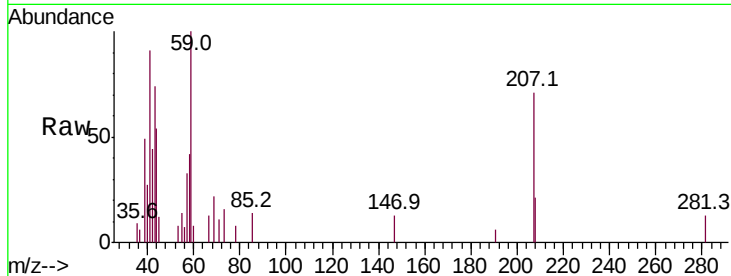
Tot Ion: 41 Resp: 1349

Ion Ratio Lower Upper

41 100

69 36.3 68.6 102.8#

39 81.7 42.4 63.6#



#49

1,4-Dioxane

Concen: 0.216 ug/l

RT: 7.54 min Scan# 1058

Delta R.T. -0.18 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

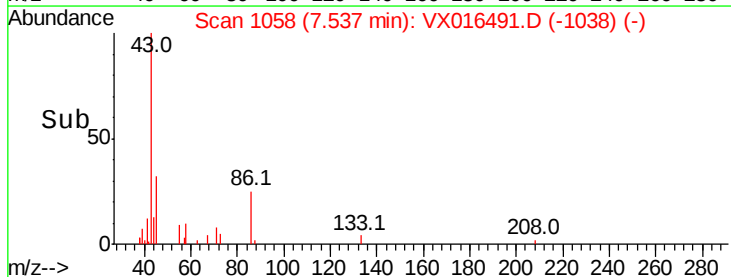
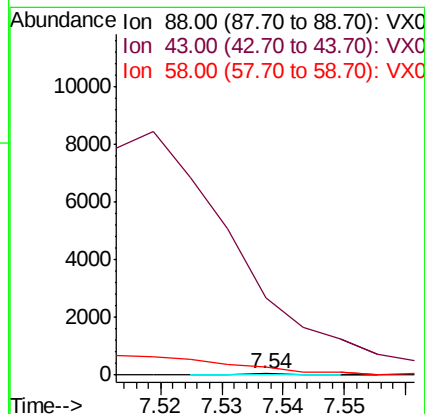
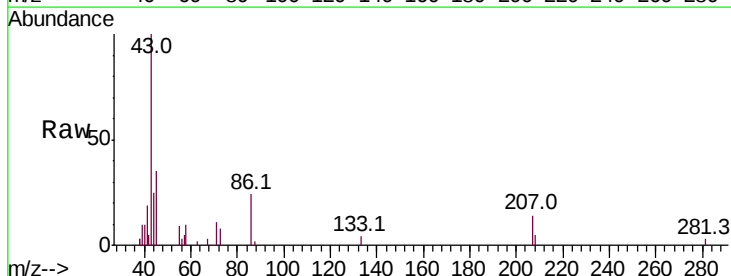
Tgt Ion: 88 Resp: 19

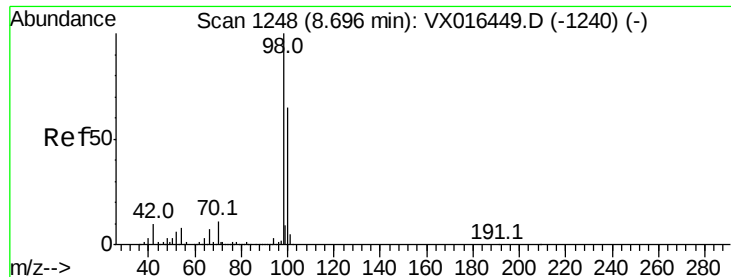
Ion Ratio Lower Upper

88 100

43 0.0 24.2 36.4#

58 0.0 56.5 84.7#





#50

Toluene-d8

Concen: 51.586 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

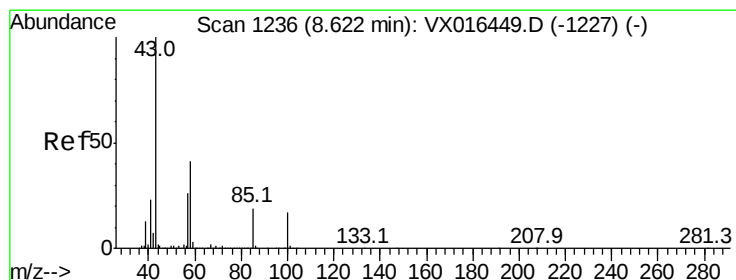
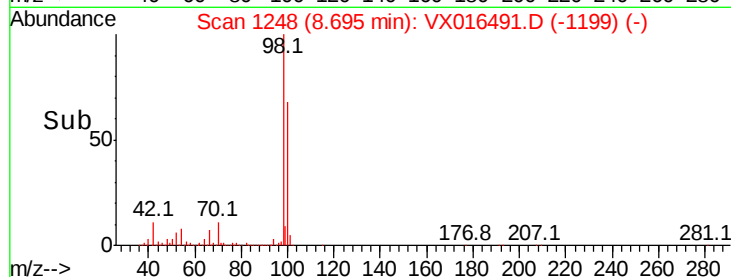
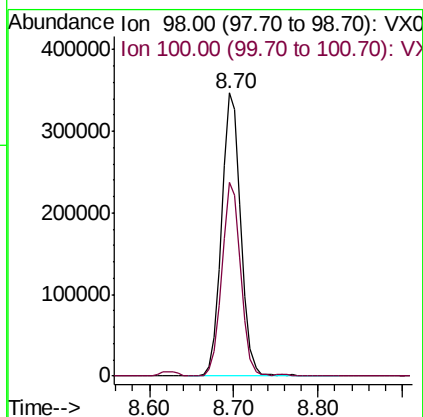
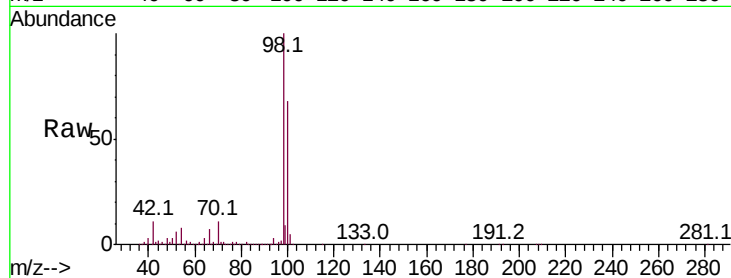
TRE-1006

Tot Ion: 98 Resp: 548202

Ion Ratio Lower Upper

98 100

100 66.5 53.8 80.6



#51

4-Methyl-2-Pentanone

Concen: 10.175 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016491.D

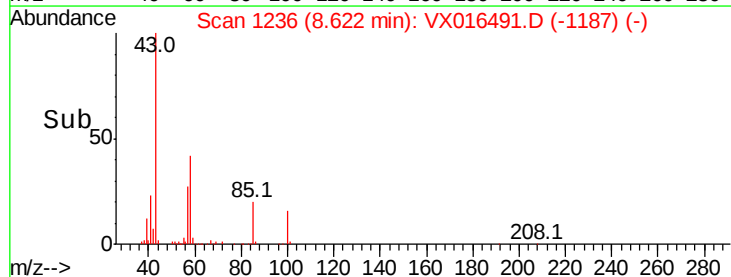
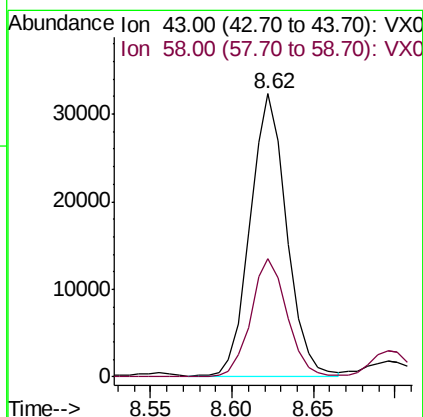
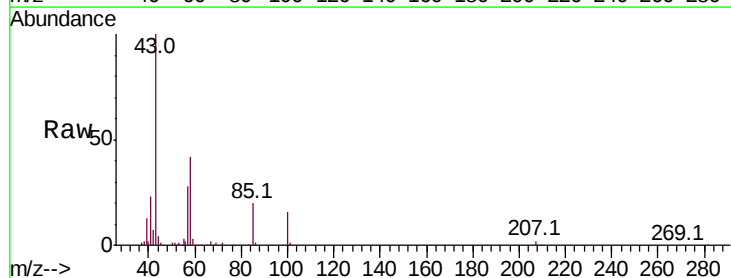
Acq: 28 May 2020 17:25

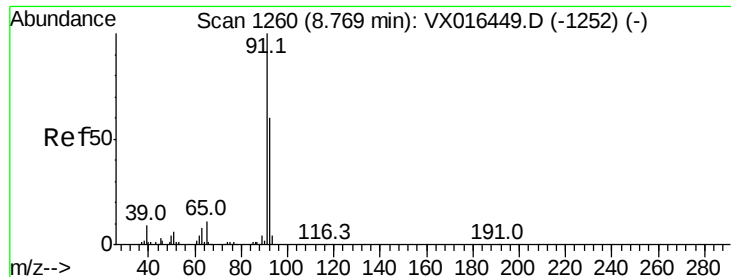
Tgt Ion: 43 Resp: 49812

Ion Ratio Lower Upper

43 100

58 41.8 33.0 49.6





#52

Toluene

Concen: 0.664 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

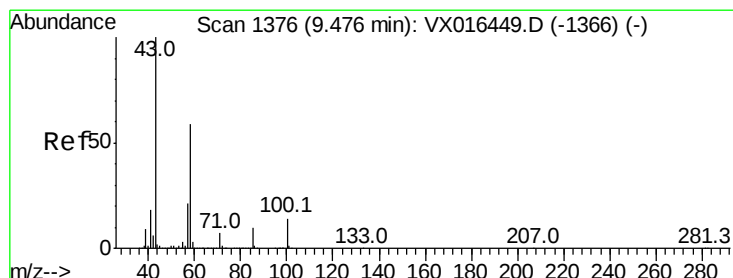
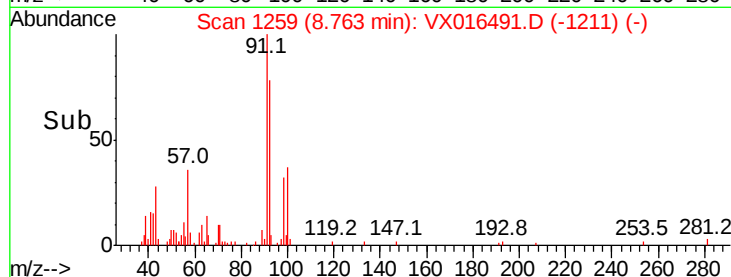
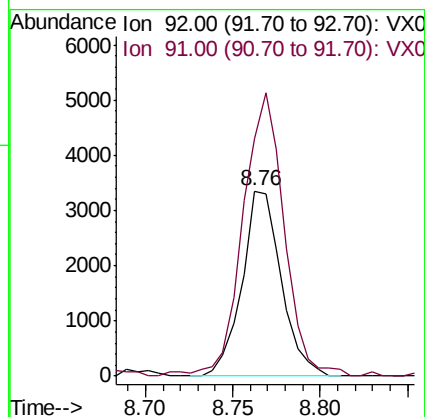
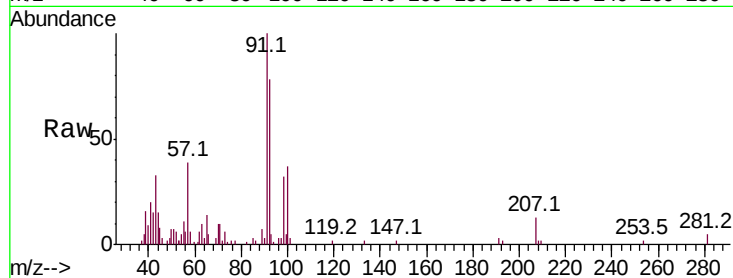
TRE-1006

Tot Ion: 92 Resp: 5236

Ion Ratio Lower Upper

92 100

91 160.8 135.0 202.4



#59

2-Hexanone

Concen: 1.705 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016491.D

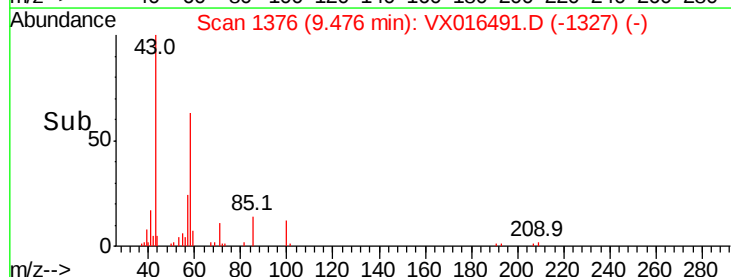
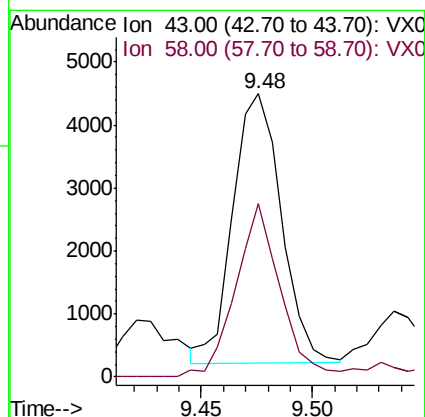
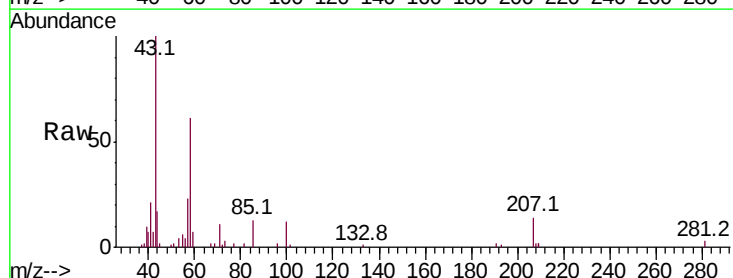
Acq: 28 May 2020 17:25

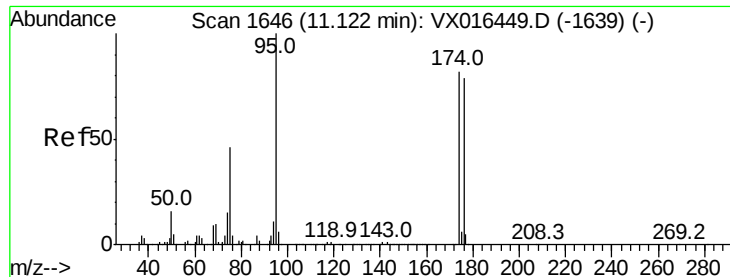
Tgt Ion: 43 Resp: 6490

Ion Ratio Lower Upper

43 100

58 58.9 28.8 86.4





#62

4-Bromofluorobenzene

Concen: 55.109 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

TRE-1006

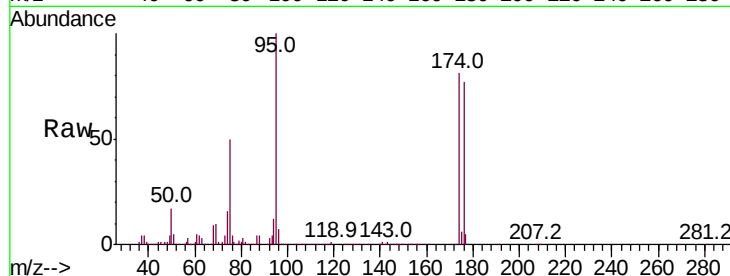
Tot Ion: 95 Resp: 226291

Ion Ratio Lower Upper

95 100

174 81.9 0.0 163.0

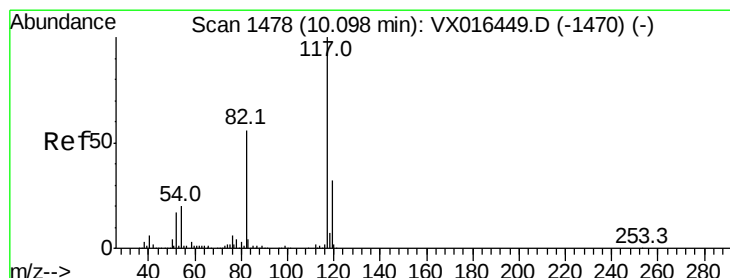
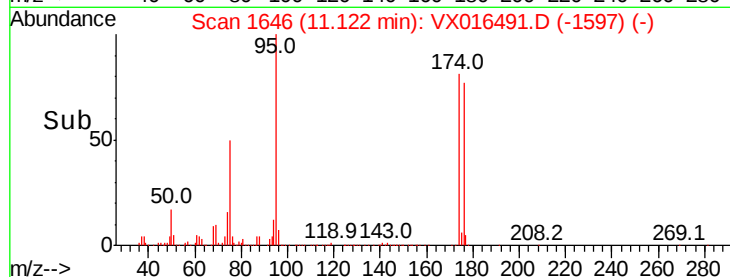
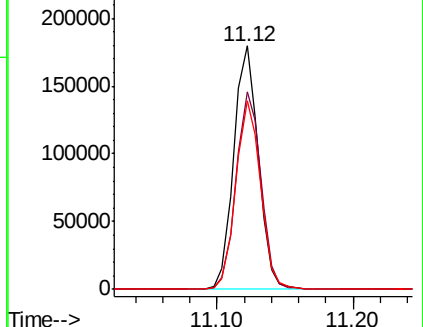
176 77.9 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

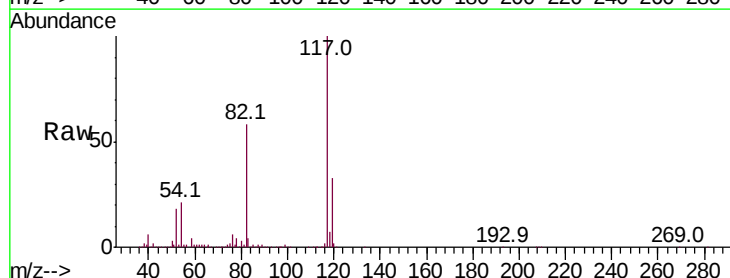
Tgt Ion: 117 Resp: 440168

Ion Ratio Lower Upper

117 100

82 57.7 45.0 67.6

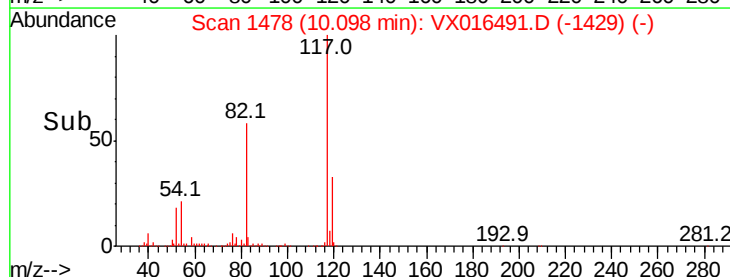
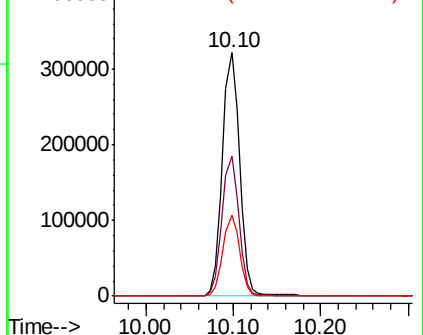
119 33.1 25.8 38.8

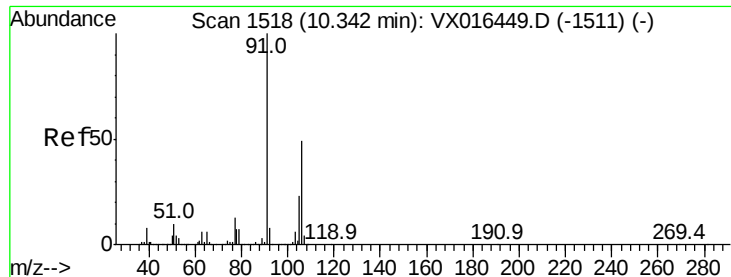


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#68

m/p-Xylenes

Concen: 0.261 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

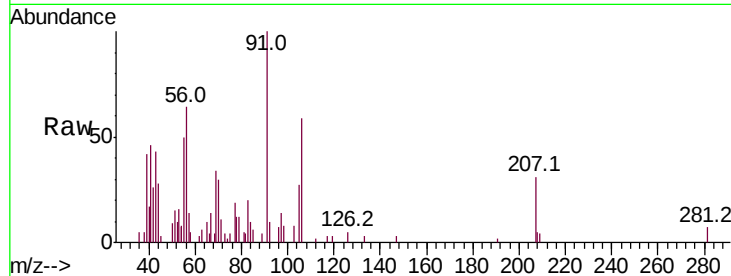
TRE-1006

Tot Ion:106 Resp: 1544

Ion Ratio Lower Upper

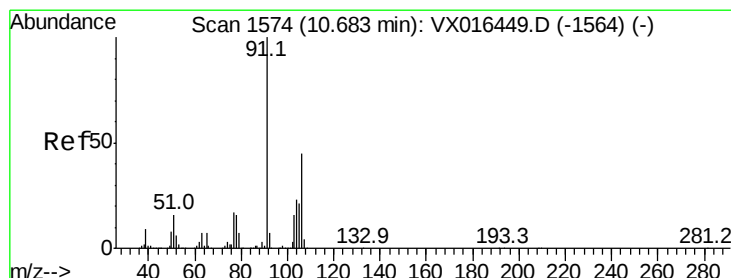
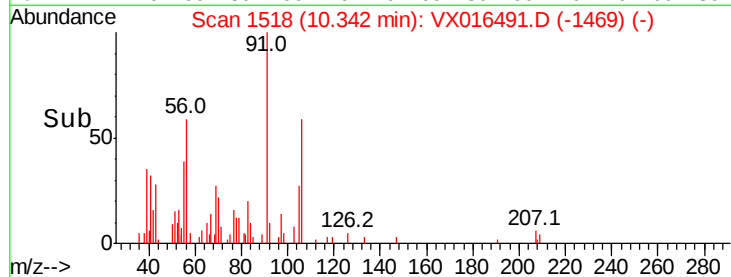
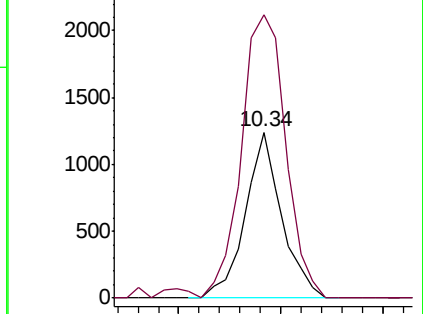
106 100

91 206.0 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.252 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016491.D

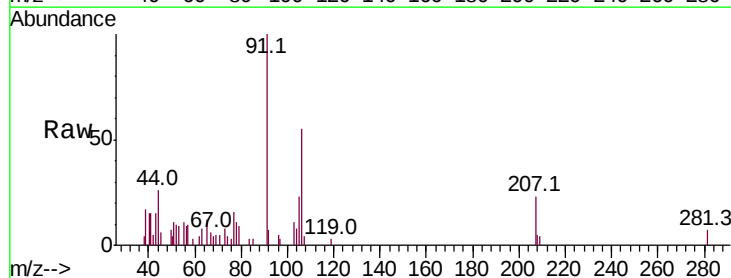
Acq: 28 May 2020 17:25

Tgt Ion:106 Resp: 1445

Ion Ratio Lower Upper

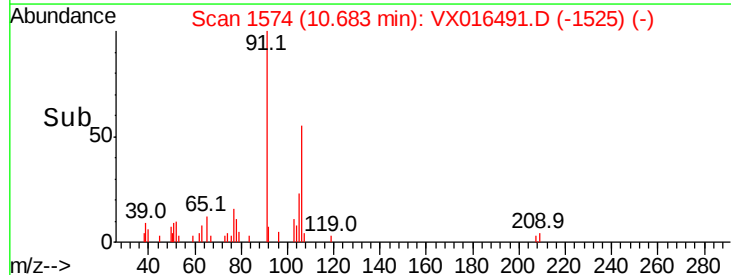
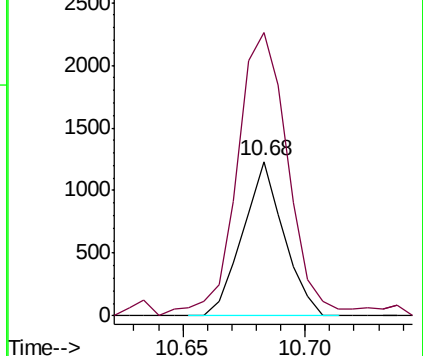
106 100

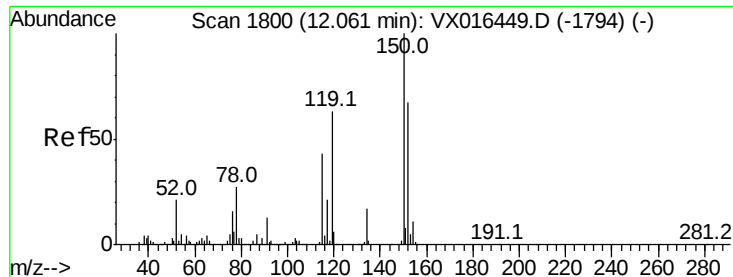
91 226.4 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

TRE-1006

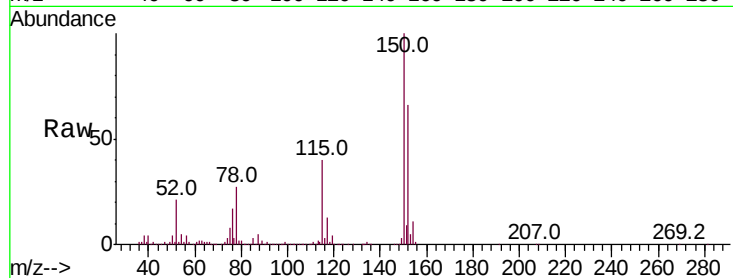
Tot Ion:152 Resp: 230063

Ion Ratio Lower Upper

152 100

115 60.5 39.9 119.6

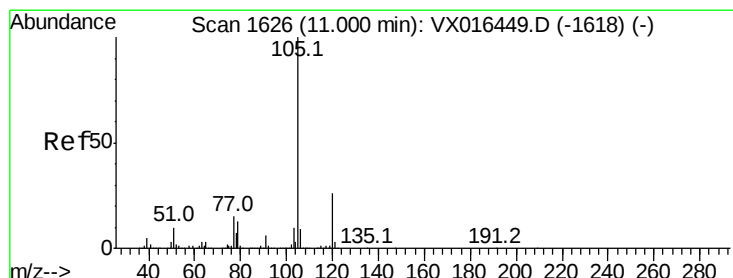
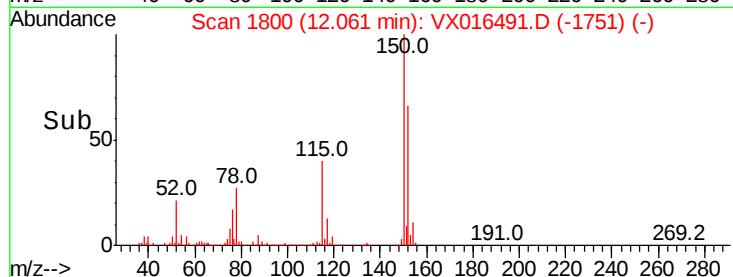
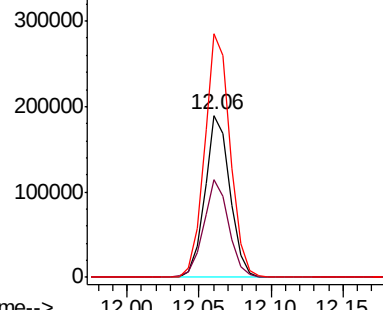
150 153.4 0.0 341.0



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: 0.370 ug/l

RT: 10.99 min Scan# 1624

Delta R.T. -0.01 min

Lab File: VX016491.D

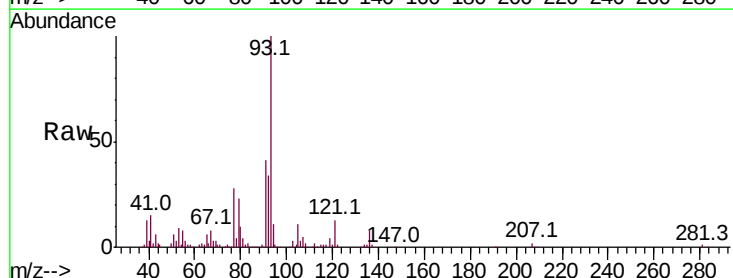
Acq: 28 May 2020 17:25

Tgt Ion:105 Resp: 5903

Ion Ratio Lower Upper

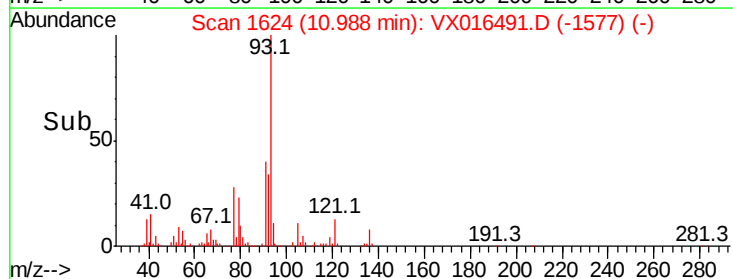
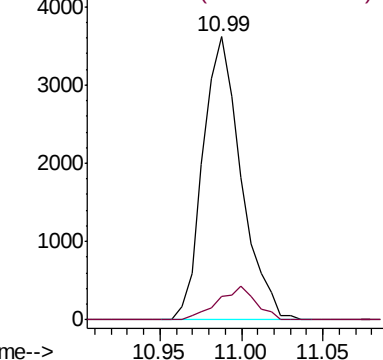
105 100

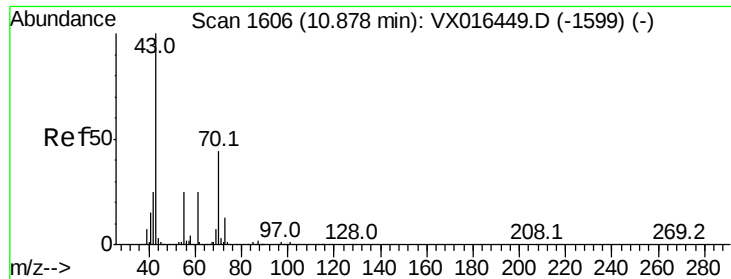
120 11.7 13.1 39.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.553 ug/l

RT: 10.91 min Scan# 1611

Delta R.T. 0.03 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

TRE-1006

Tot Ion: 43 Resp: 4057

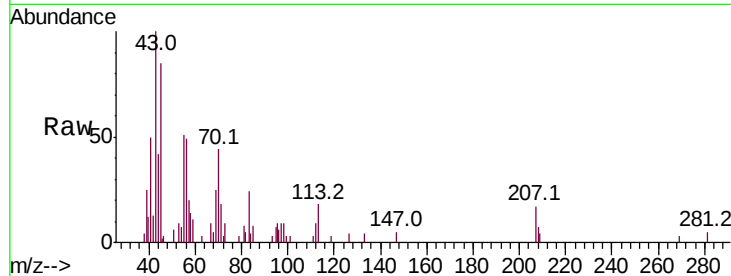
Ion Ratio Lower Upper

43 100

70 47.6 36.1 54.1

55 60.2 20.2 30.4#

61 0.0 20.3 30.5#

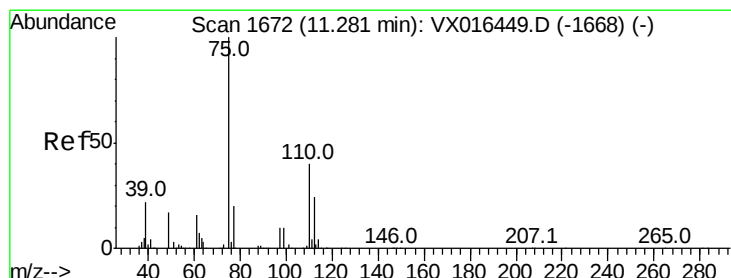
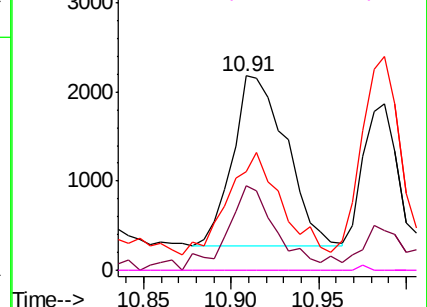
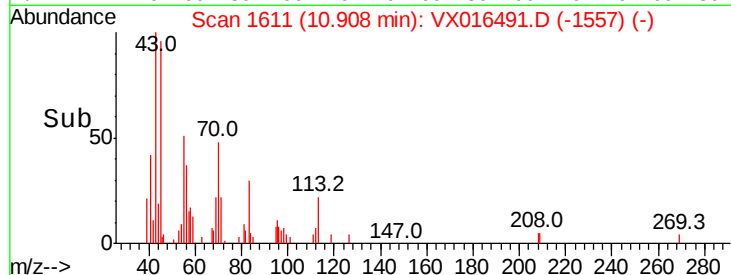


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 22.147 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016491.D

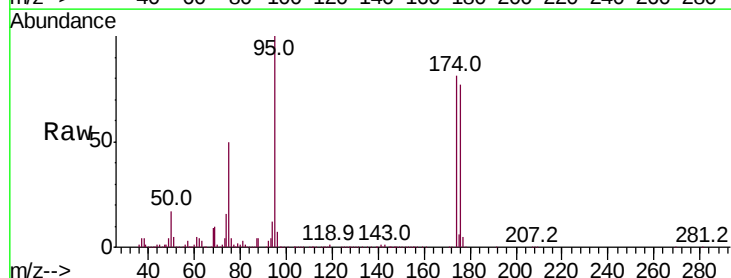
Acq: 28 May 2020 17:25

Tgt Ion: 75 Resp: 111995

Ion Ratio Lower Upper

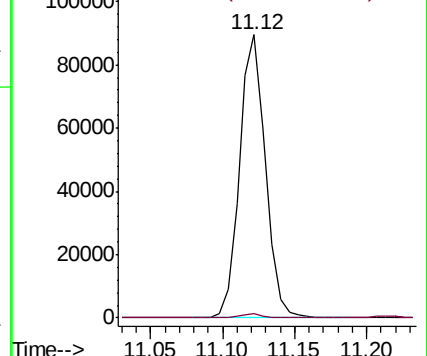
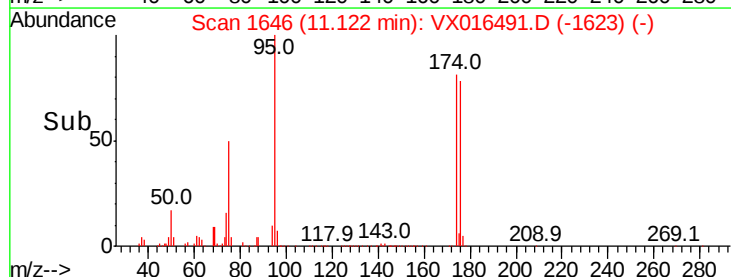
75 100

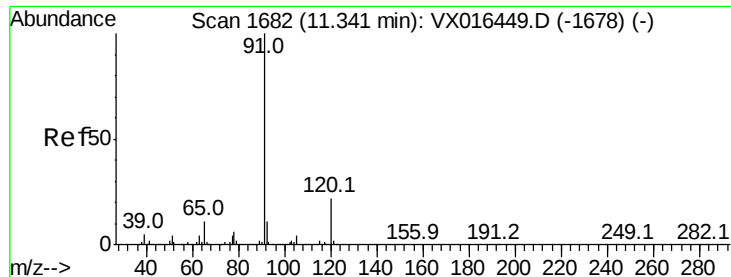
77 1.2 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.378 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

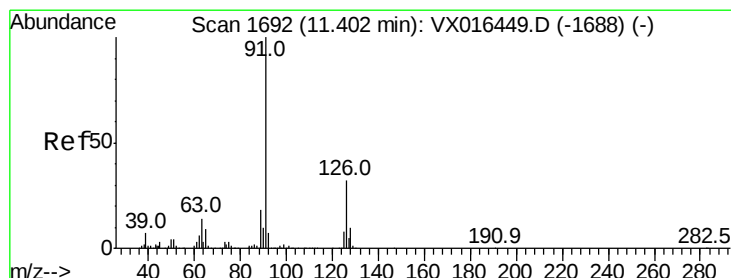
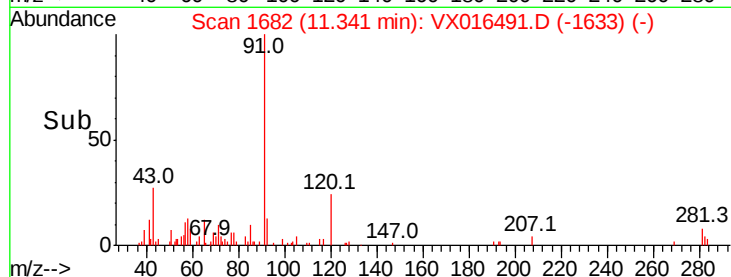
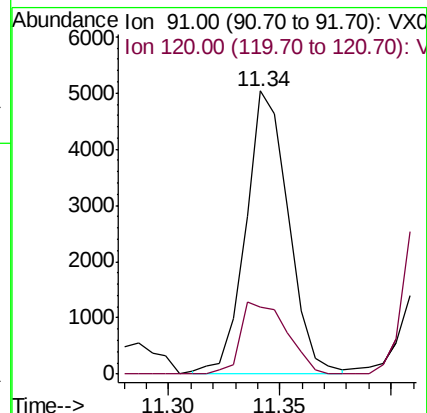
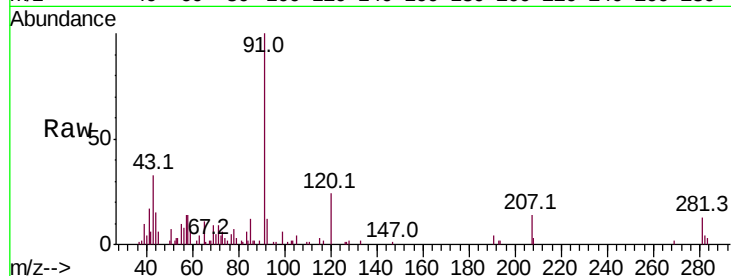
TRE-1006

Tot Ion: 91 Resp: 6730

Ion Ratio Lower Upper

91 100

120 27.6 11.6 34.7



#79

2-Chlorotoluene

Concen: 0.437 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX016491.D

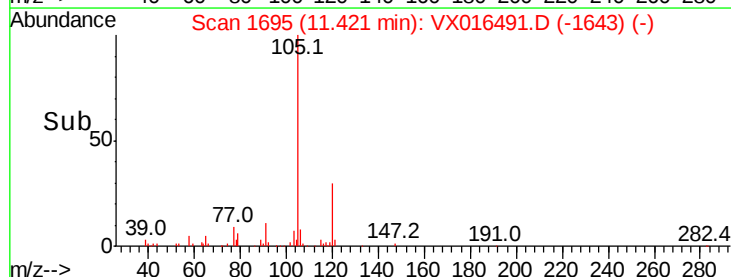
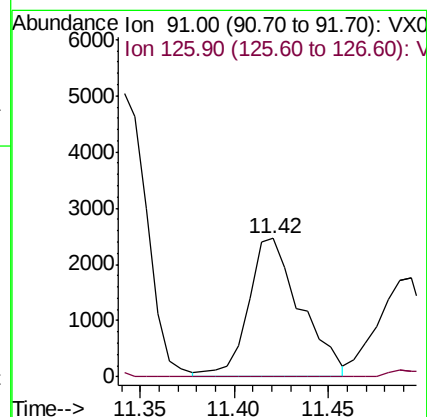
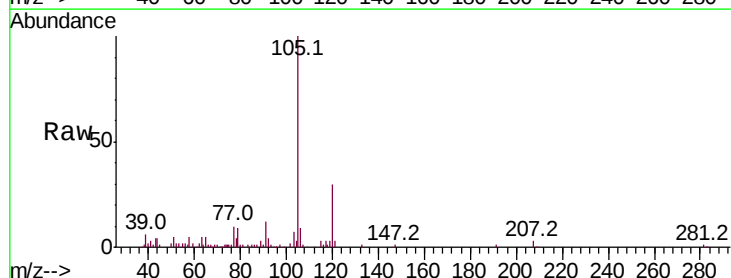
Acq: 28 May 2020 17:25

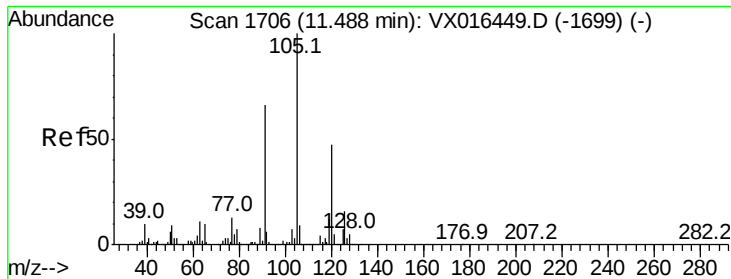
Tgt Ion: 91 Resp: 4747

Ion Ratio Lower Upper

91 100

126 0.0 16.8 50.3#

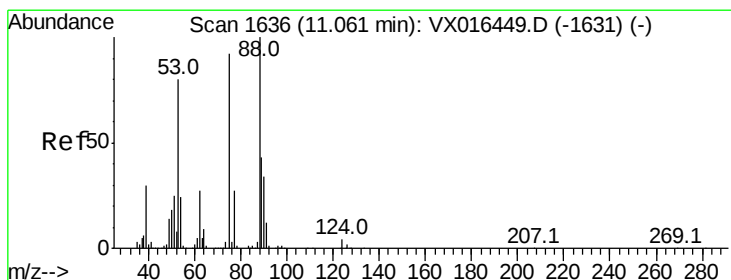
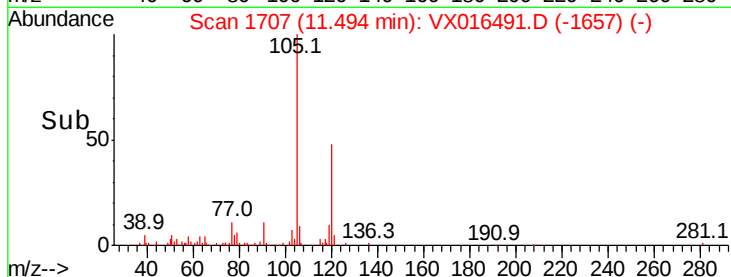
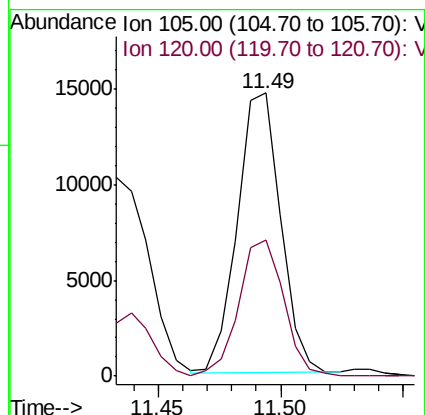
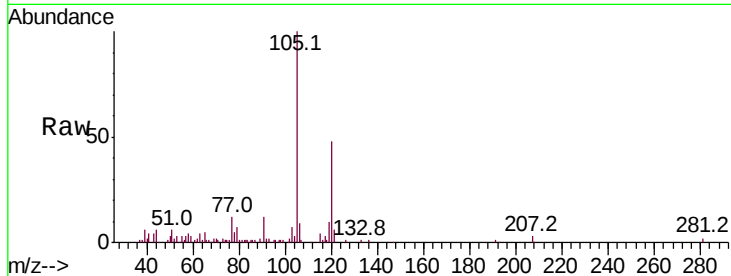




#80
 1,3,5-Trimethylbenzene
 Concen: 1.352 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016491.D
 Acq: 28 May 2020 17:25

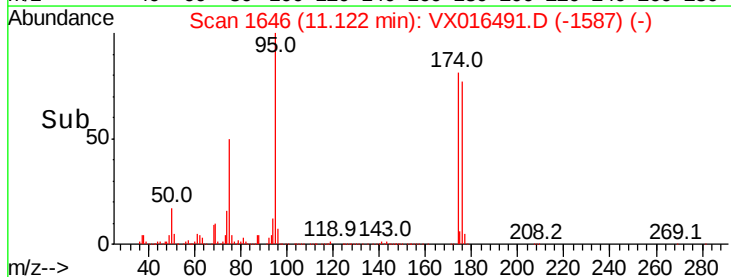
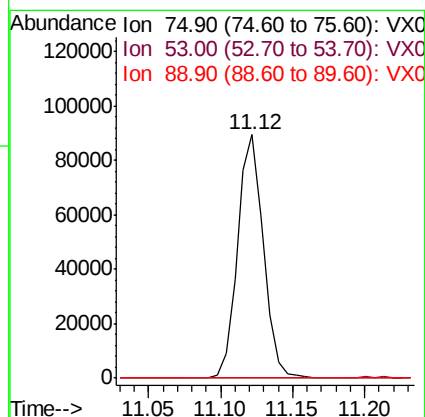
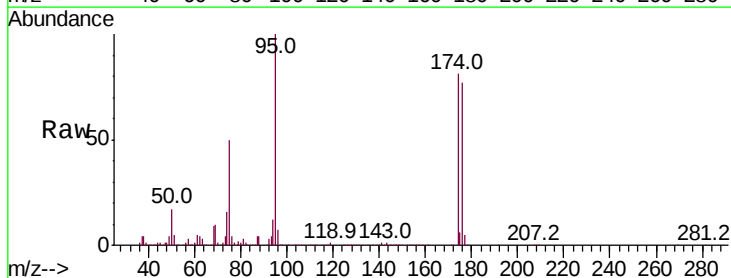
Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1006

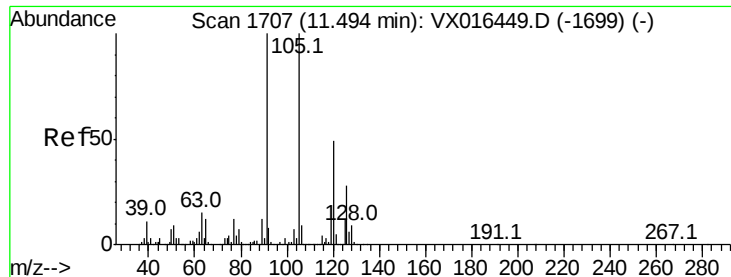
Tot Ion:105 Resp: 17992
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.478 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016491.D
 Acq: 28 May 2020 17:25

Tgt Ion: 75 Resp: 111995
 Ion Ratio Lower Upper
 75 100
 53 0.4 71.3 106.9#
 89 0.0 36.6 55.0#





#82

4-Chlorotoluene

Concen: 0.242 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

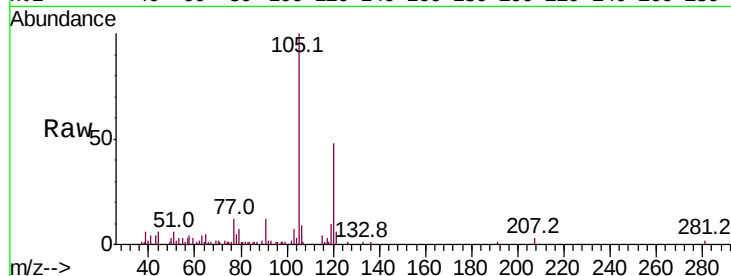
TRE-1006

Tot Ion: 91 Resp: 3103

Ion Ratio Lower Upper

91 100

126 6.4 14.7 44.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

2500

2000

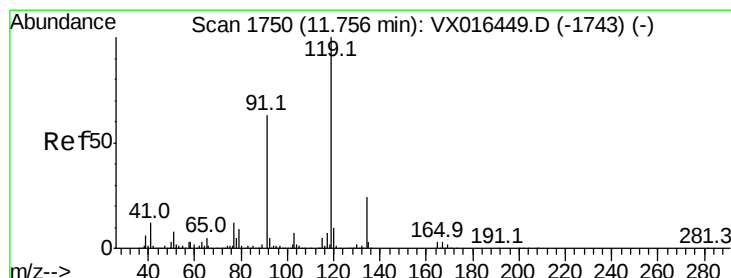
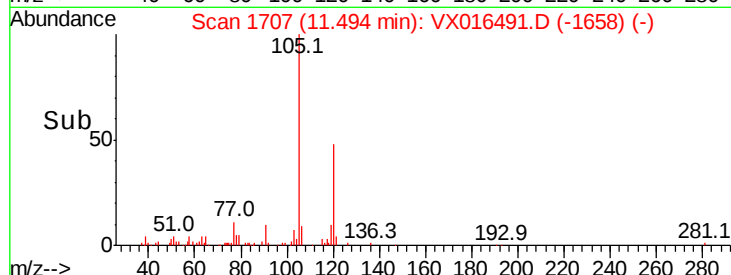
1500

1000

500

0

Time-->



#83

tert-Butylbenzene

Concen: 0.226 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.25 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

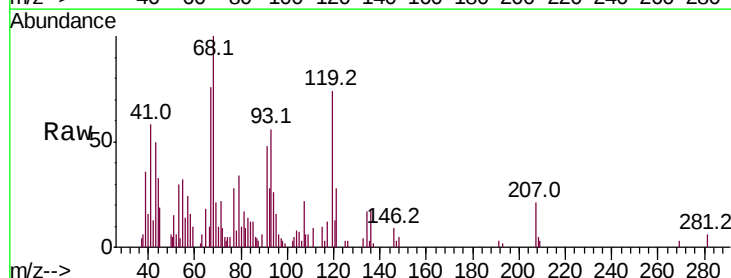
Tgt Ion: 119 Resp: 2573

Ion Ratio Lower Upper

119 100

91 64.4 31.3 93.8

134 30.7 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

50000

40000

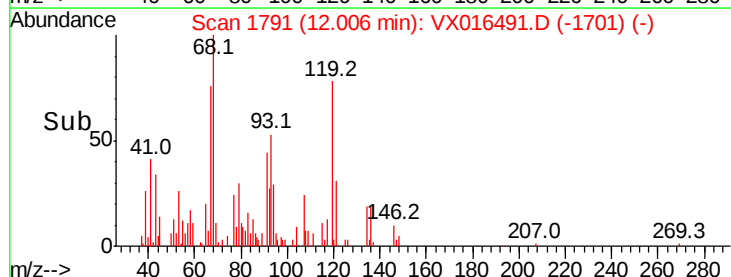
30000

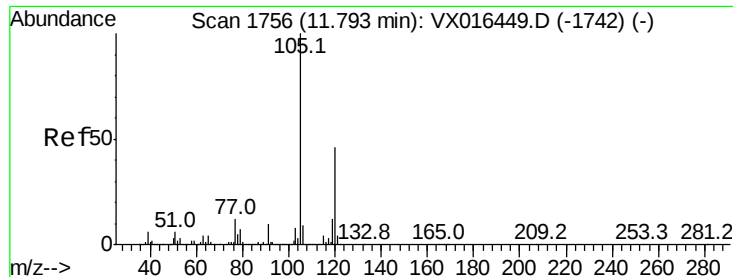
20000

10000

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 4.781 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

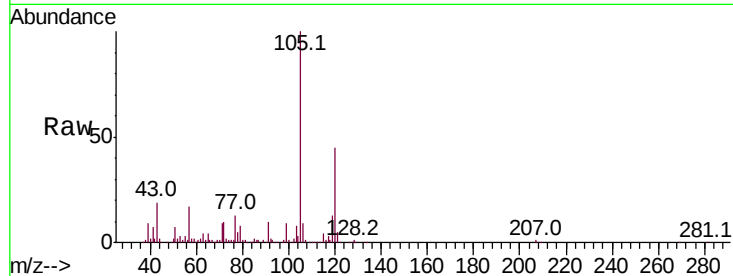
TRE-1006

Tot Ion:105 Resp: 64360

Ion Ratio Lower Upper

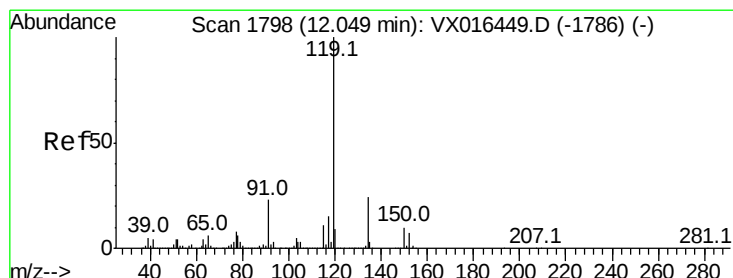
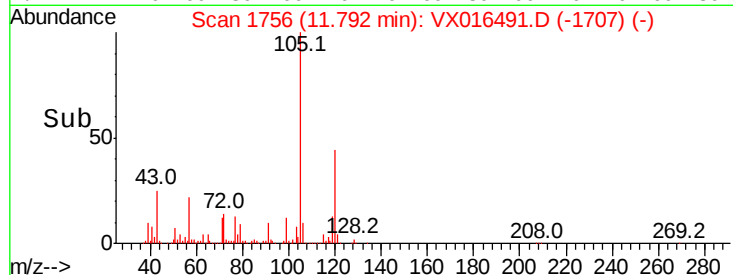
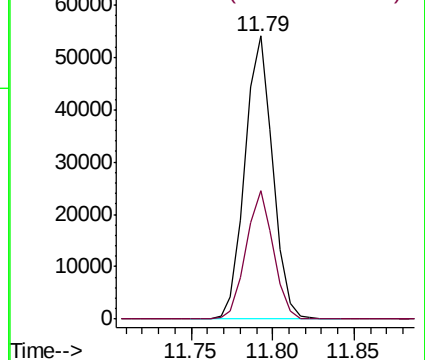
105 100

120 44.8 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 3.464 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

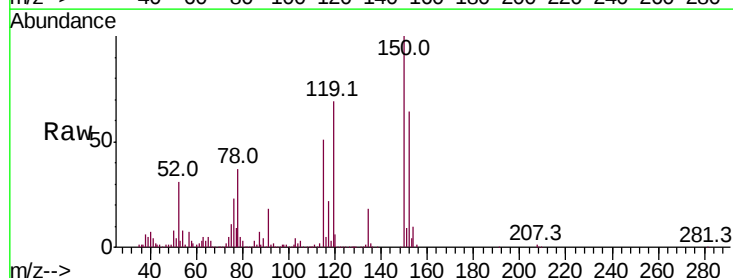
Tgt Ion:119 Resp: 46291

Ion Ratio Lower Upper

119 100

134 26.7 12.7 38.0

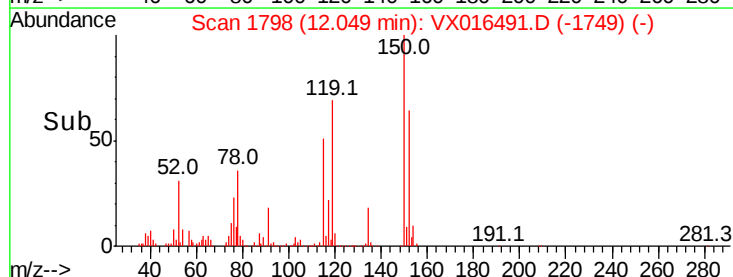
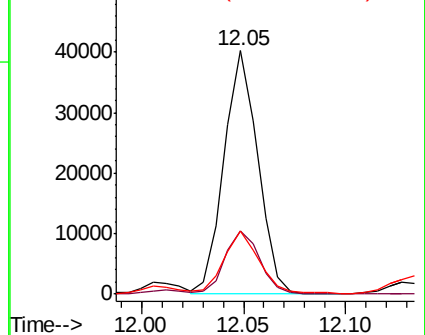
91 26.7 11.7 35.0

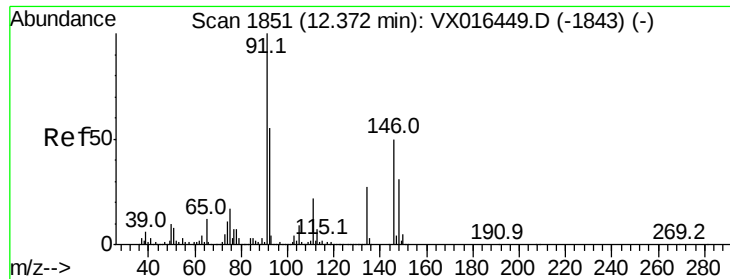


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 0.356 ug/l

RT: 12.37 min Scan# 1850

Delta R.T. -0.01 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampled :

TRE-1006

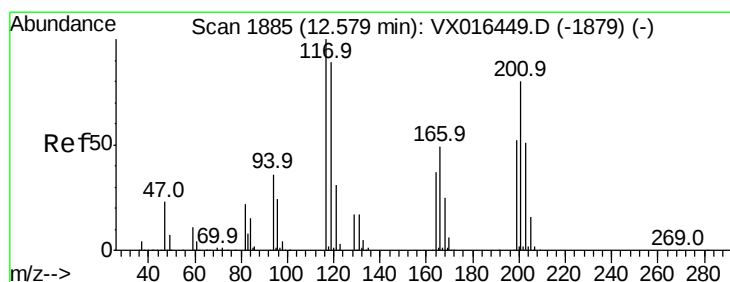
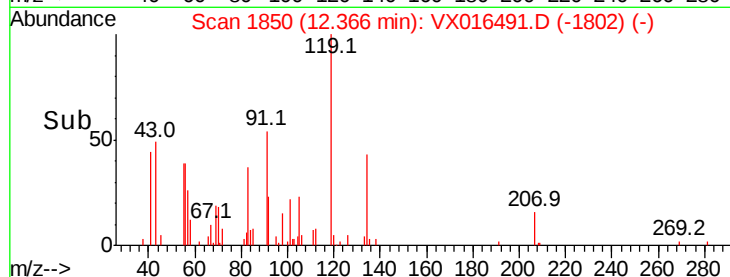
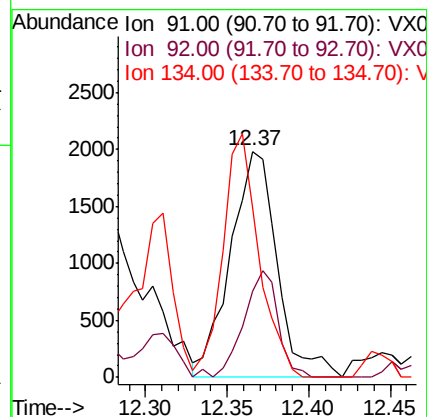
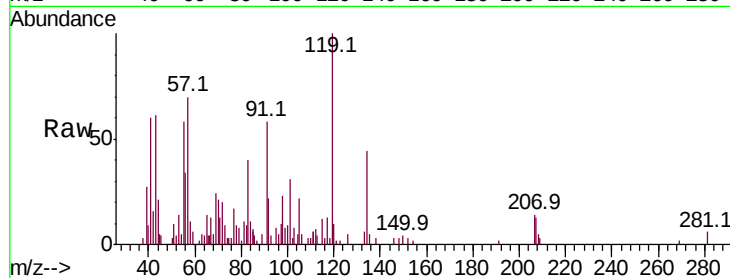
Tot Ion: 91 Resp: 3965

Ion Ratio Lower Upper

91 100

92 34.4 27.2 81.5

134 82.9 13.1 39.3#



#90

Hexachloroethane

Concen: 0.450 ug/l

RT: 12.57 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX016491.D

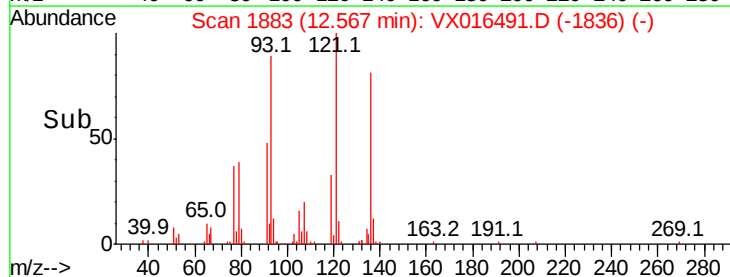
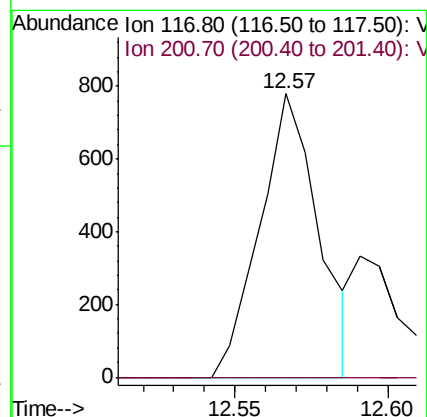
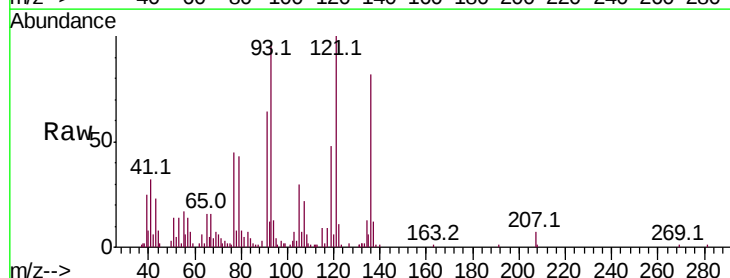
Acq: 28 May 2020 17:25

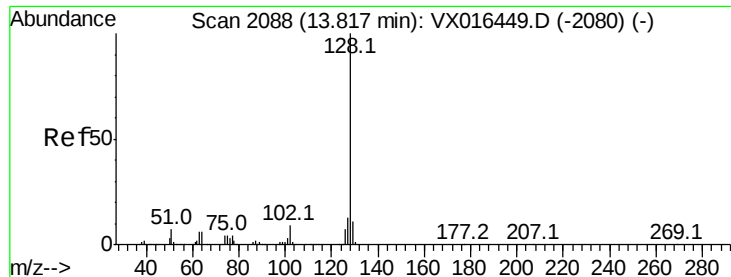
Tgt Ion: 117 Resp: 1039

Ion Ratio Lower Upper

117 100

201 0.0 43.1 129.3#





#95

Naphthalene

Concen: 0.391 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016491.D

Acq: 28 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

TRE-1006

Tot Ion:128 Resp: 6244

Ion Ratio Lower Upper

128 100

127 14.8 10.6 15.8

129 18.4 8.6 13.0#

