

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
 Data File : VX020017.D
 Acq On : 15 Dec 2020 17:21
 Operator : JC/MD
 Sample : L5052-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5228-121020

Quant Time: Dec 16 00:26:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	311119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	514958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	470540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203762	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.02	65	197938	48.41	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.82%	
35) Dibromofluoromethane		5.46	113	161272	48.46	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.92%	
50) Toluene-d8		8.70	98	624815	49.18	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.36%	
62) 4-Bromofluorobenzene		11.12	95	220337	45.56	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.12%	

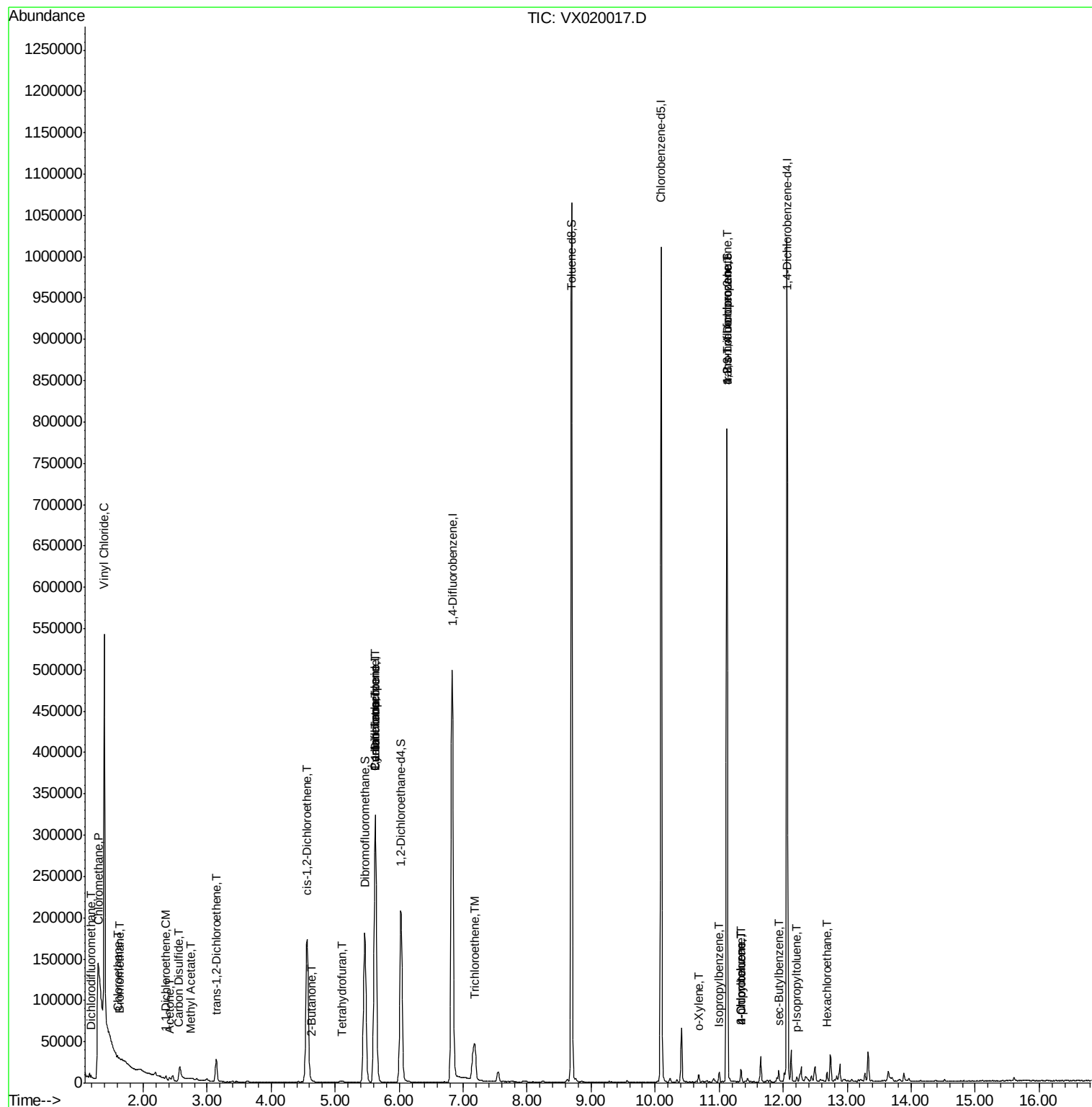
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	1914	0.672	ug/l	95
3) Chloromethane	1.31	50	9229	2.755	ug/l #	56
4) Vinyl Chloride	1.39	62	278781	78.926	ug/l	93
5) Bromomethane	1.64	94	626	0.534	ug/l	86
6) Chloroethane	1.61	64	10902	5.138	ug/l #	53
11) Tert butyl alcohol	3.00	59	1839	Below Cal	#	80
12) 1,1-Dichloroethene	2.35	96	1498	0.526	ug/l	94
16) Acetone	2.42	43	4759	3.096	ug/l	99
17) Carbon Disulfide	2.56	76	3664	0.448	ug/l #	94
18) Methyl Acetate	2.75	43	788	0.210	ug/l #	59
20) Methylene Chloride	2.83	84	458	Below Cal	#	86
21) trans-1,2-Dichloroethene	3.14	96	11295	3.399	ug/l	98
25) 2-Butanone	4.63	43	558	0.236	ug/l #	45
27) cis-1,2-Dichloroethene	4.56	96	114854	29.532	ug/l	91
29) Tetrahydrofuran	5.10	42	915	0.601	ug/l #	84
31) Cyclohexane	5.63	56	5915	1.163	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	23927	5.142	ug/l #	48
38) Carbon Tetrachloride	5.63	117	30512	6.696	ug/l #	16
44) Trichloroethene	7.18	130	12663	3.395	ug/l	97
69) o-Xylene	10.68	106	1858	0.308	ug/l	92
73) Isopropylbenzene	11.00	105	5884	0.423	ug/l	98
76) 1,2,3-Trichloropropane	11.12	75	108082	23.650	ug/l #	39
78) n-propylbenzene	11.34	91	8969	0.564	ug/l	97
79) 2-Chlorotoluene	11.34	91	8969	0.916	ug/l #	41
81) trans-1,4-Dichloro-2-buten	11.12	75	108082	68.368	ug/l #	12
82) 4-Chlorotoluene	11.34	91	8969	0.782	ug/l #	45
85) sec-Butylbenzene	11.93	105	6785	0.516	ug/l	81
86) p-Isopropyltoluene	12.21	119	2485	0.206	ug/l	86
90) Hexachloroethane	12.68	117	3631	1.744	ug/l #	9

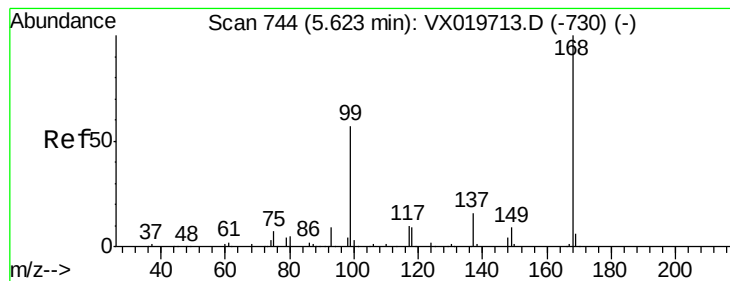
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
Data File : VX020017.D
Acq On : 15 Dec 2020 17:21
Operator : JC/MD
Sample : L5052-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5228-121020

Quant Time: Dec 16 00:26:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

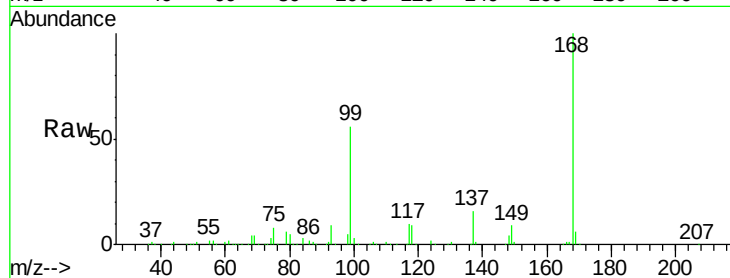
TU032-32-5228-121020

Tgt Ion:168 Resp: 311119

Ion Ratio Lower Upper

168 100

99 55.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

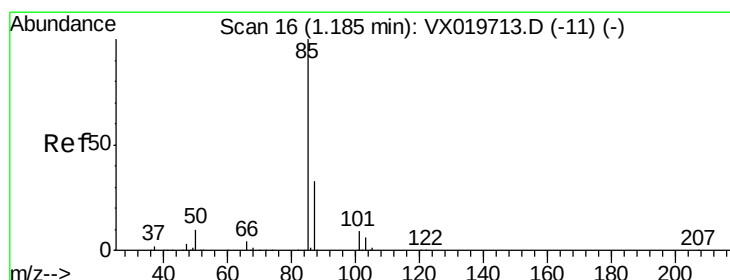
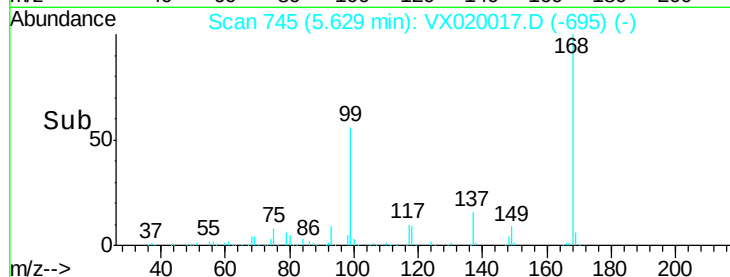
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.672 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX020017.D

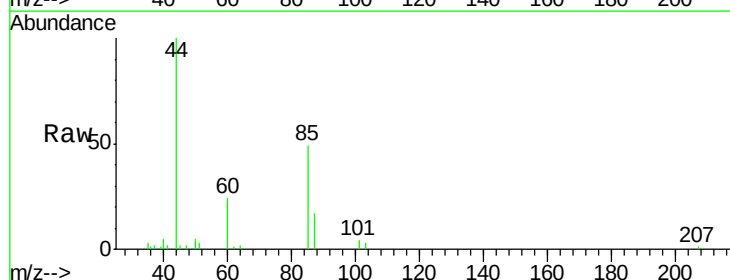
Acq: 15 Dec 2020 17:21

Tgt Ion: 85 Resp: 1914

Ion Ratio Lower Upper

85 100

87 35.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

2500

2000

1500

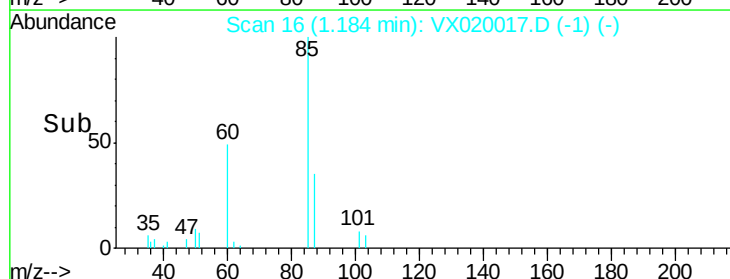
1000

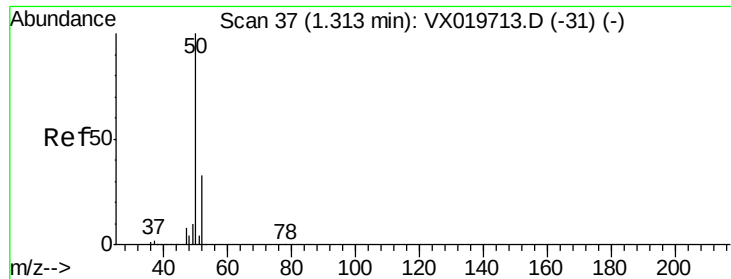
500

0

Time-->

1.15 1.20





#3

Chloromethane

Concen: 2.755 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

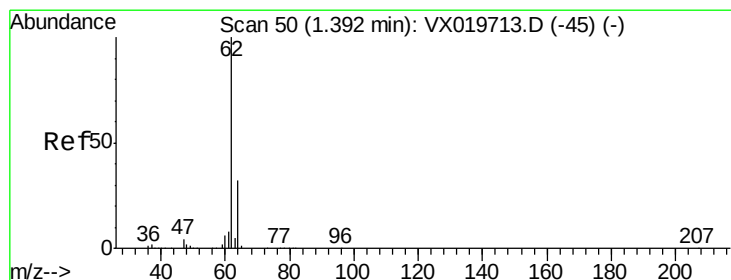
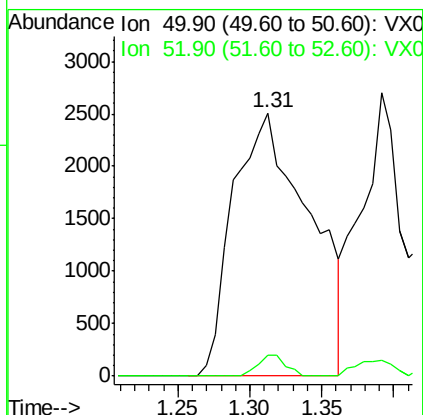
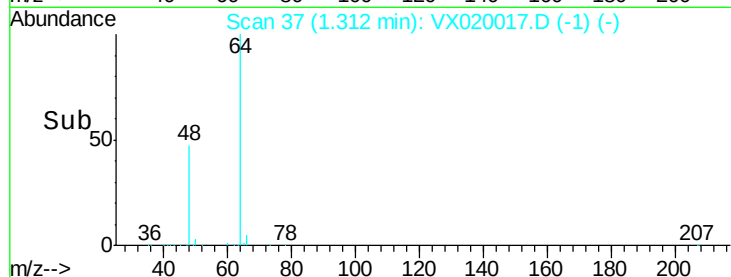
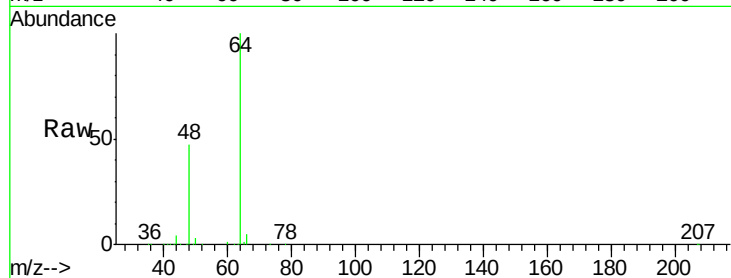
TU032-32-5228-121020

Tgt Ion: 50 Resp: 9229

Ion Ratio Lower Upper

50 100

52 8.2 26.4 39.6#



#4

Vinyl Chloride

Concen: 78.926 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX020017.D

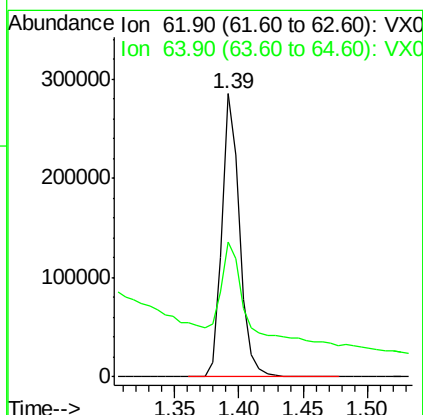
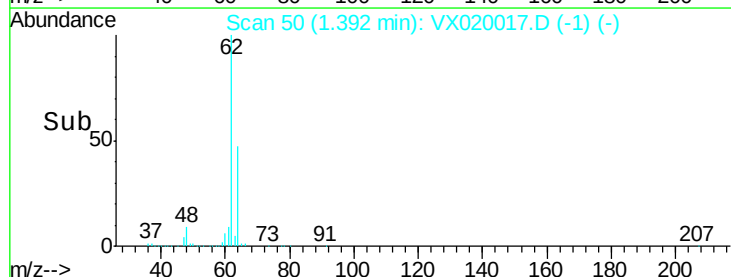
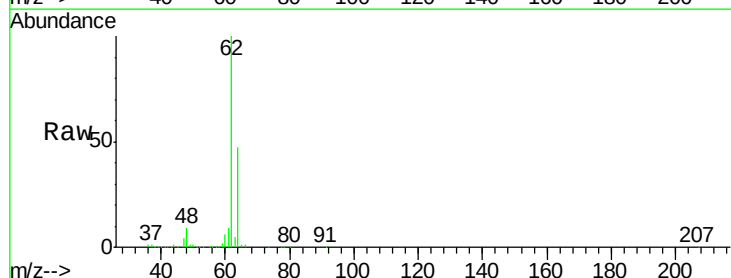
Acq: 15 Dec 2020 17:21

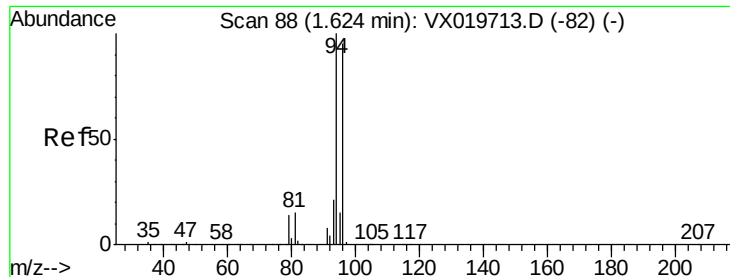
Tgt Ion: 62 Resp: 278781

Ion Ratio Lower Upper

62 100

64 36.2 25.7 38.5





#5

Bromomethane

Concen: 0.534 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

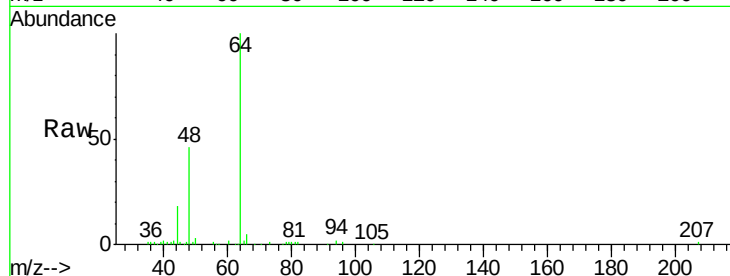
TU032-32-5228-121020

Tgt Ion: 94 Resp: 626

Ion Ratio Lower Upper

94 100

96 81.6 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250

200

150

100

50

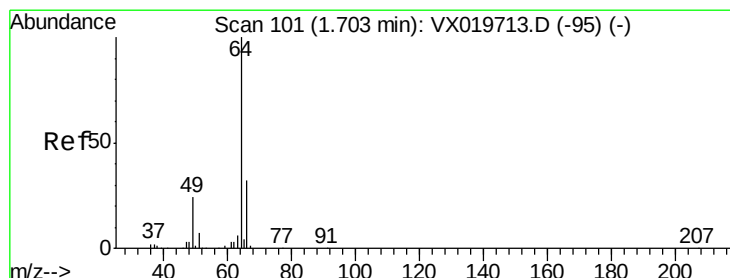
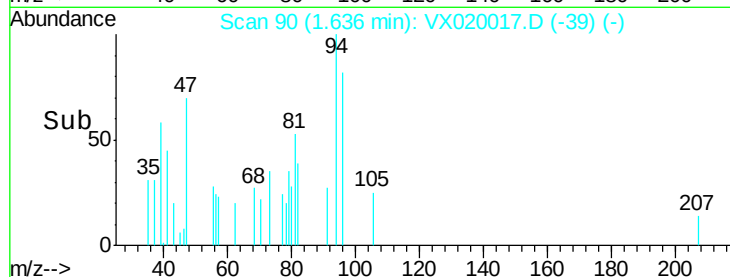
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 5.138 ug/l

RT: 1.61 min Scan# 85

Delta R.T. -0.10 min

Lab File: VX020017.D

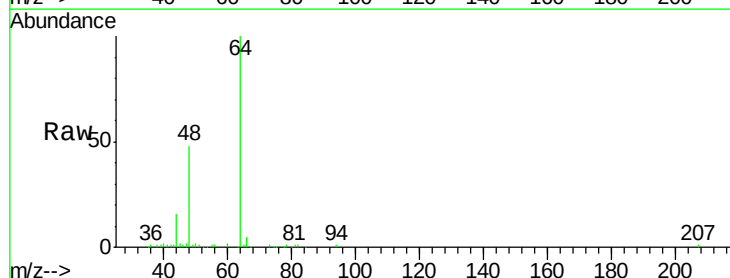
Acq: 15 Dec 2020 17:21

Tgt Ion: 64 Resp: 10902

Ion Ratio Lower Upper

64 100

66 5.8 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.61

20000

15000

10000

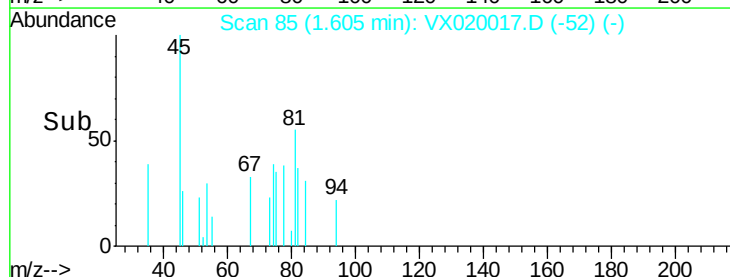
5000

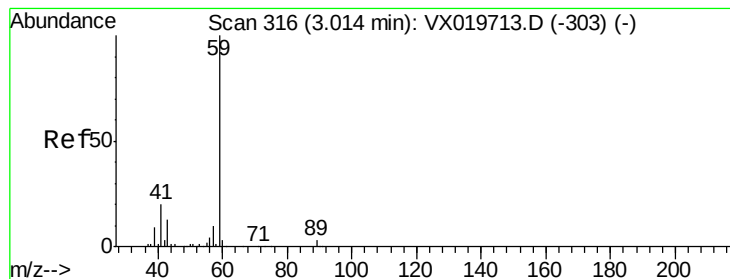
0

1.60

1.65

Time-->



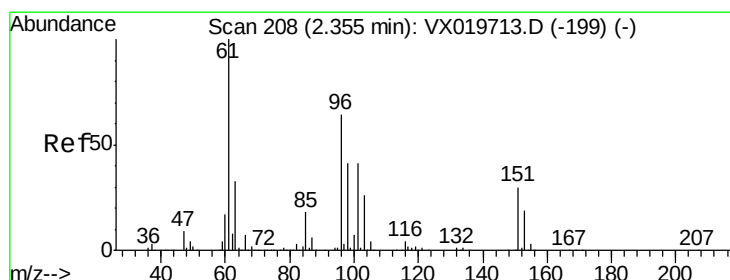
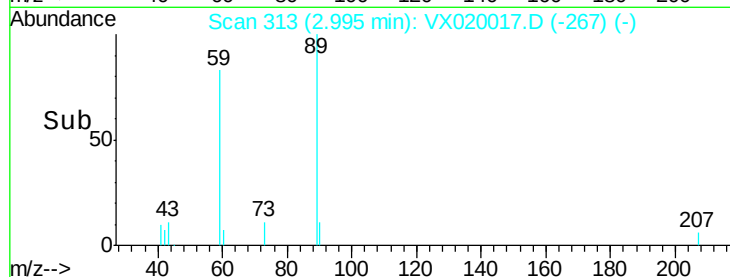
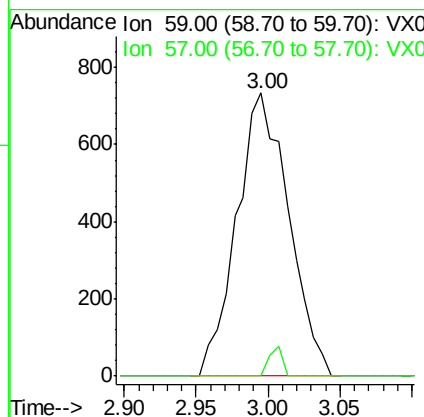
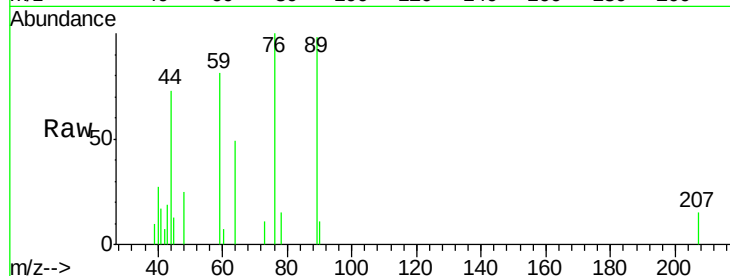


#11

Tert butyl alcohol
Concen: Below Cal
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX020017.D
Acq: 15 Dec 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5228-121020

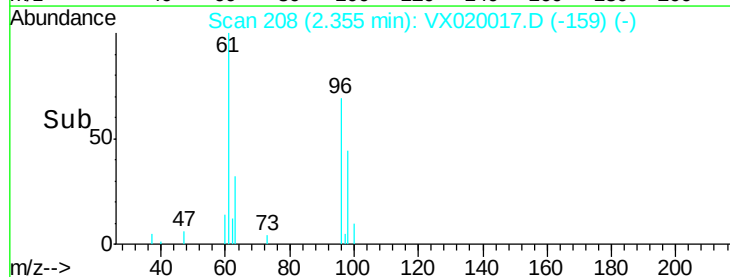
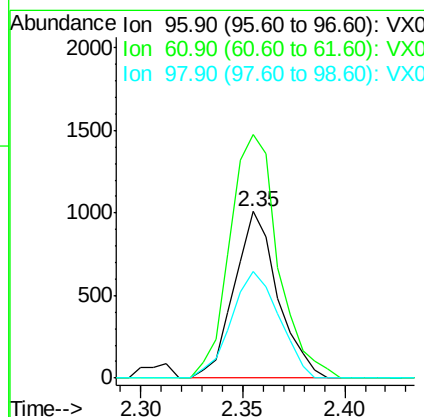
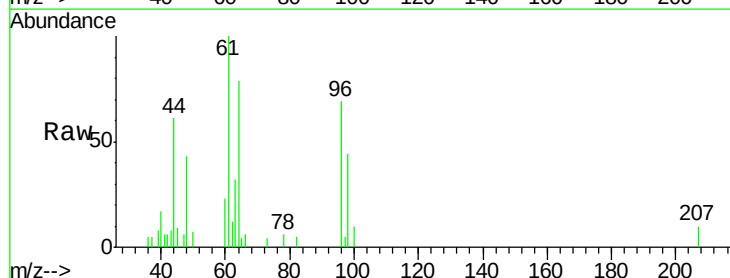
Tgt Ion: 59 Resp: 1839
Ion Ratio Lower Upper
59 100
57 2.6 7.8 11.8#

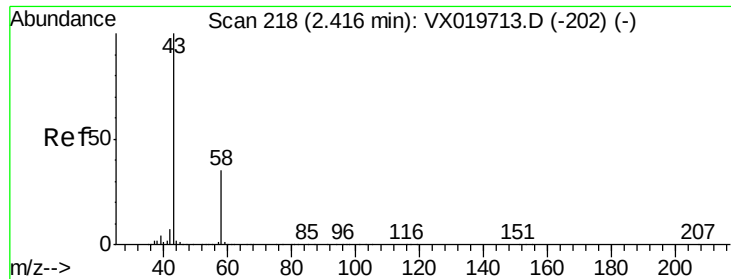


#12

1,1-Dichloroethene
Concen: 0.526 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX020017.D
Acq: 15 Dec 2020 17:21

Tgt Ion: 96 Resp: 1498
Ion Ratio Lower Upper
96 100
61 145.9 124.6 187.0
98 64.1 50.6 76.0

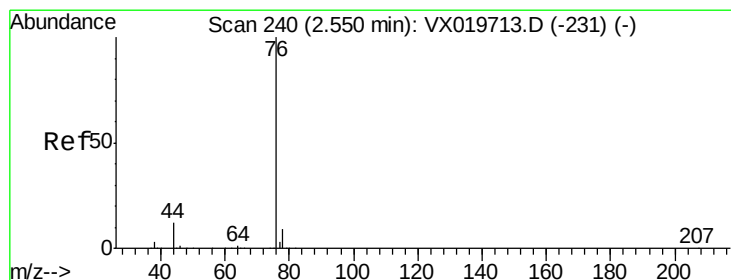
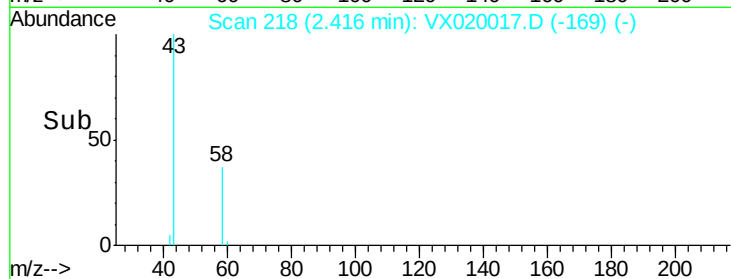
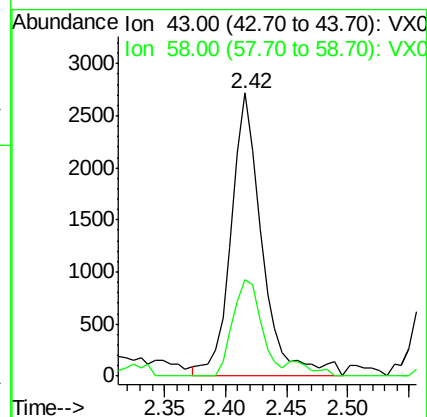
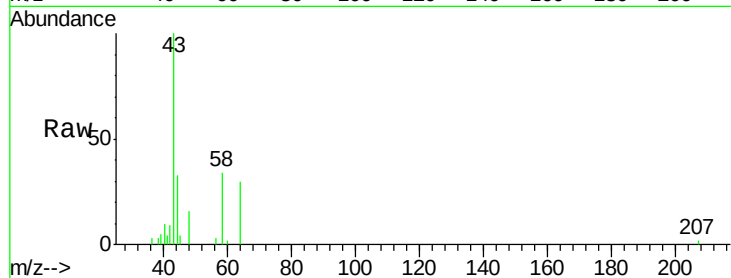




#16
Acetone
Concen: 3.096 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX020017.D
Acq: 15 Dec 2020 17:21

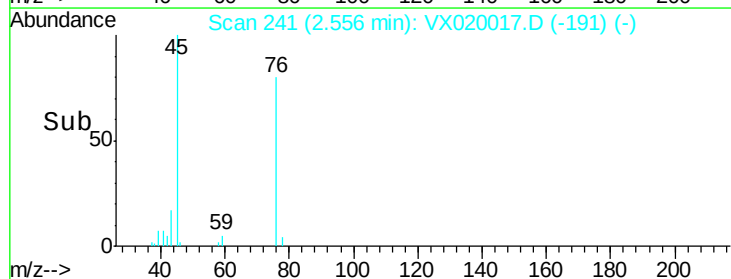
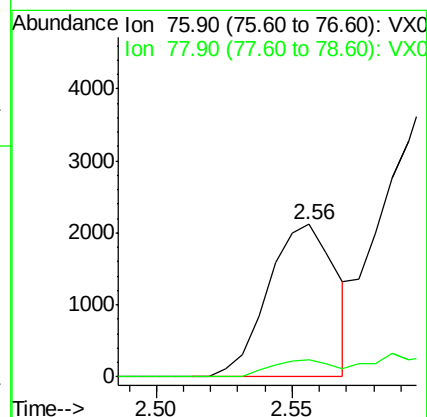
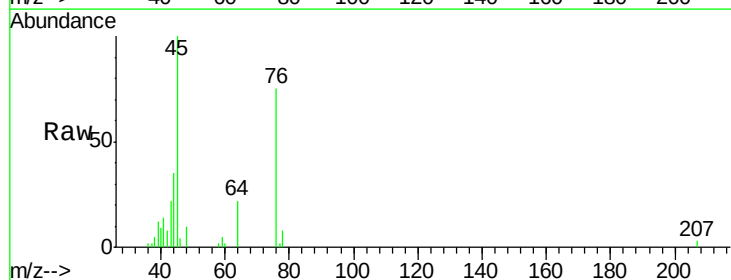
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5228-121020

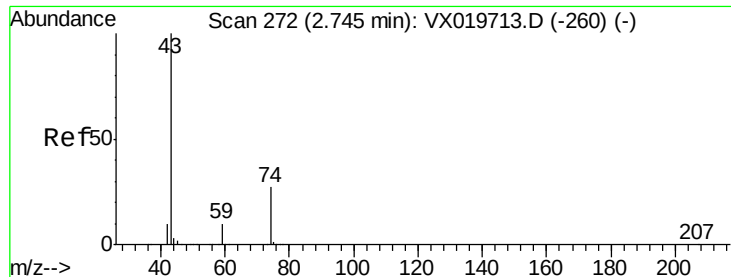
Tgt Ion: 43 Resp: 4759
Ion Ratio Lower Upper
43 100
58 34.0 27.8 41.8



#17
Carbon Disulfide
Concen: 0.448 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX020017.D
Acq: 15 Dec 2020 17:21

Tgt Ion: 76 Resp: 3664
Ion Ratio Lower Upper
76 100
78 11.1 7.2 10.8#

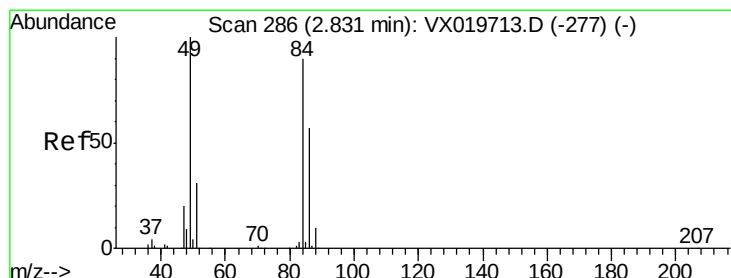
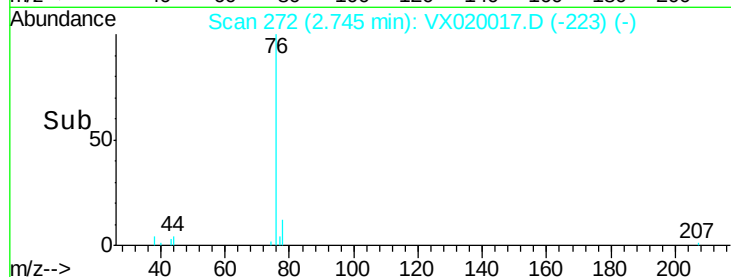
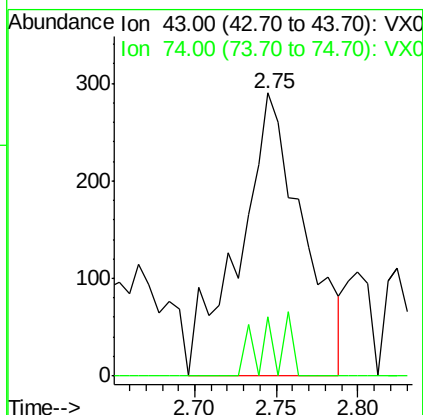
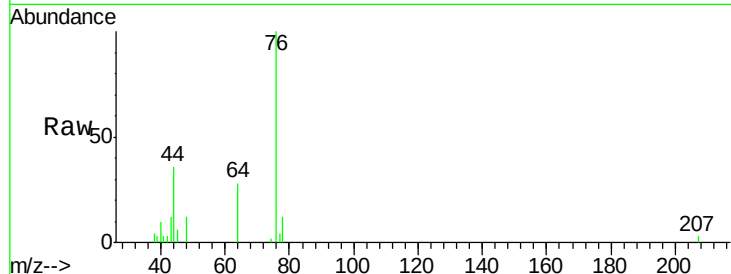




#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX020017.D
Acq: 15 Dec 2020 17:21

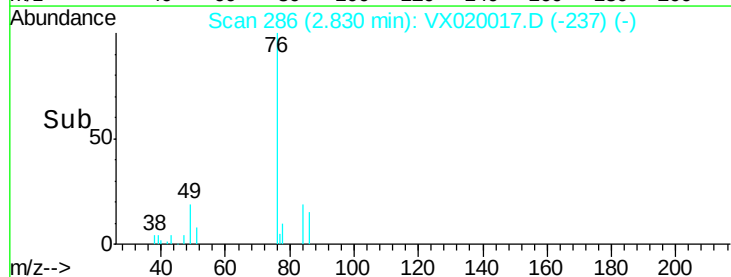
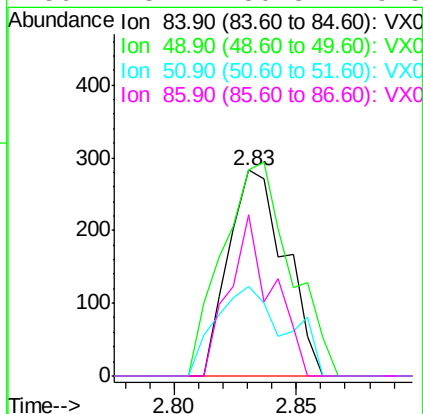
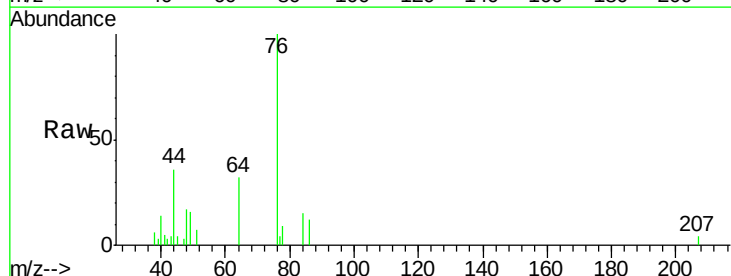
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5228-121020

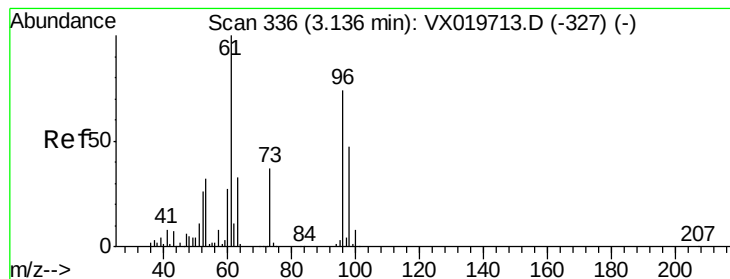
Tgt Ion: 43 Resp: 788
Ion Ratio Lower Upper
43 100
74 5.8 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020017.D
Acq: 15 Dec 2020 17:21

Tgt Ion: 84 Resp: 458
Ion Ratio Lower Upper
84 100
49 100.4 88.6 132.8
51 43.5 27.0 40.6#
86 78.4 50.3 75.5#





#21

trans-1,2-Dichloroethene

Concen: 3.399 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5228-121020

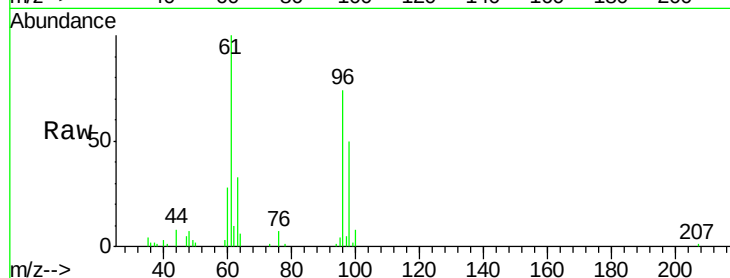
Tgt Ion: 96 Resp: 11295

Ion Ratio Lower Upper

96 100

61 134.6 107.7 161.5

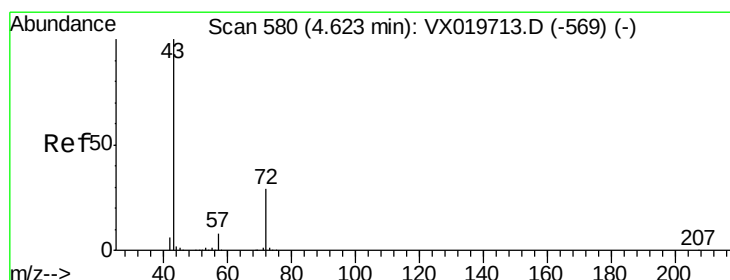
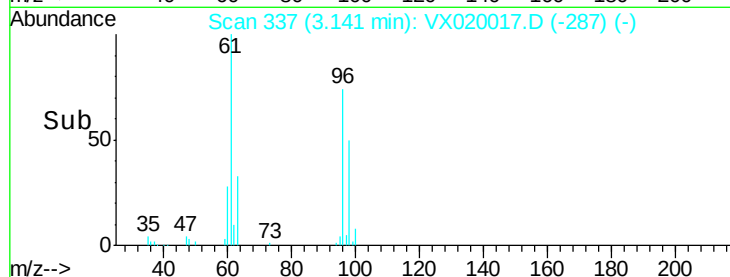
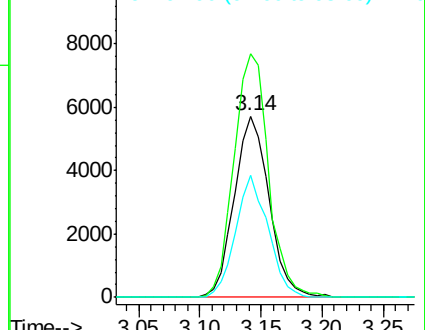
98 67.5 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 0.236 ug/l

RT: 4.63 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX020017.D

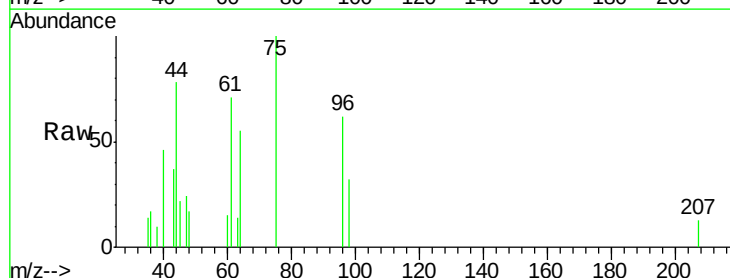
Acq: 15 Dec 2020 17:21

Tgt Ion: 43 Resp: 558

Ion Ratio Lower Upper

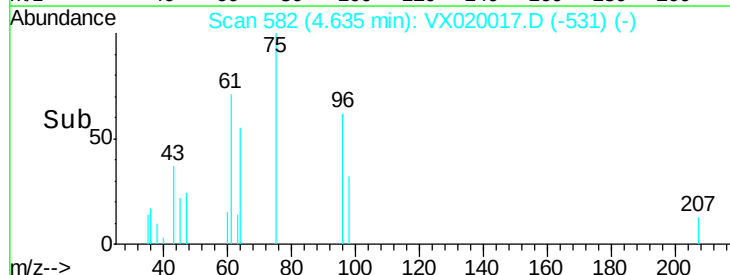
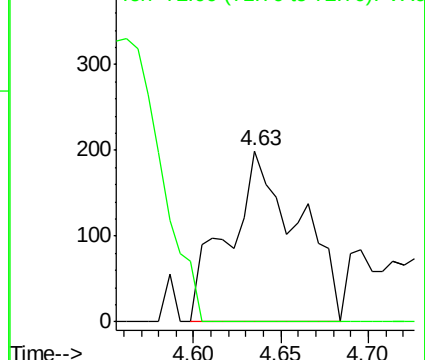
43 100

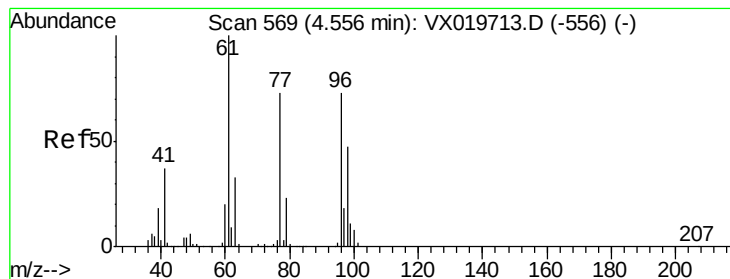
72 0.0 23.7 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 29.532 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5228-121020

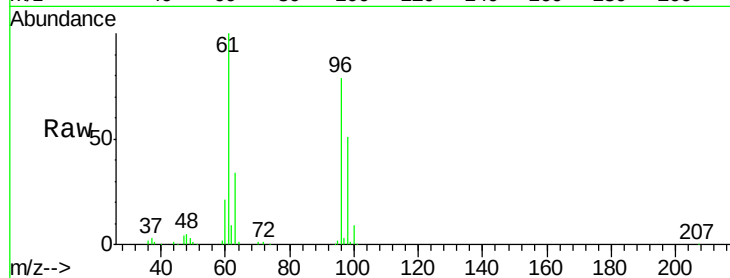
Tgt Ion: 96 Resp: 114854

Ion Ratio Lower Upper

96 100

61 126.2 0.0 285.6

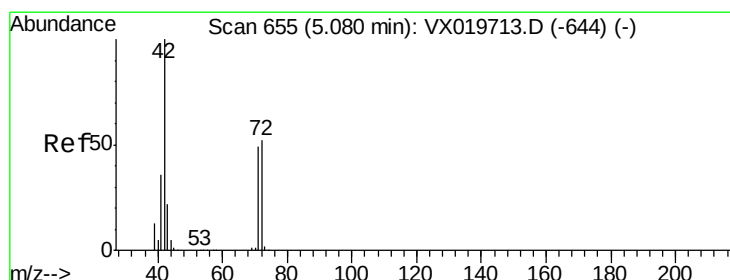
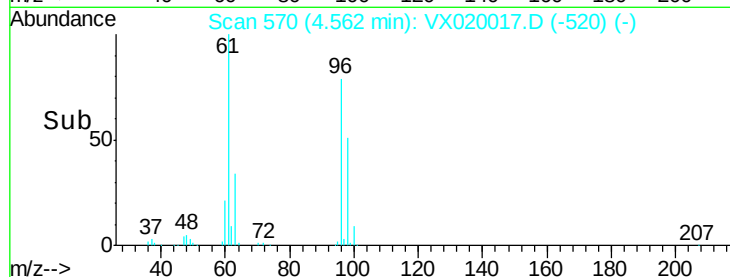
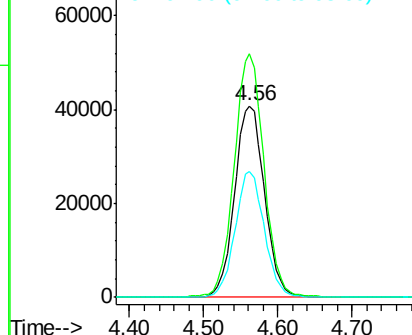
98 64.2 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#29

Tetrahydrofuran

Concen: 0.601 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.02 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

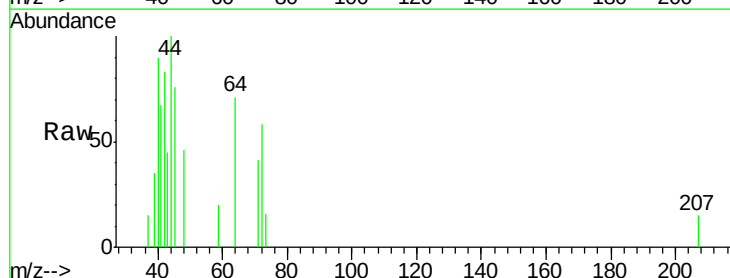
Tgt Ion: 42 Resp: 915

Ion Ratio Lower Upper

42 100

72 40.2 41.7 62.5#

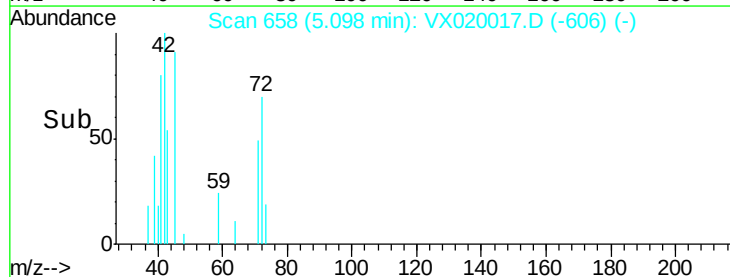
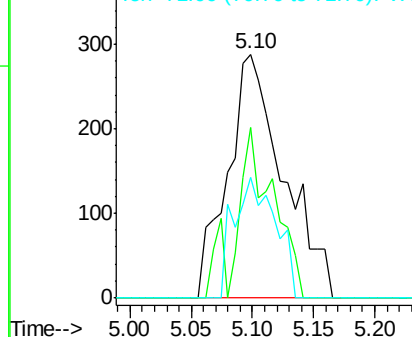
71 37.2 38.4 57.6#

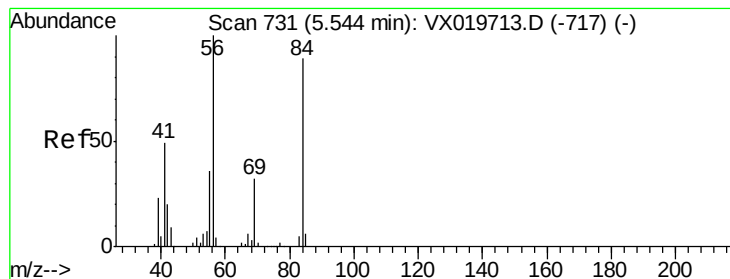


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 1.163 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.09 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5228-121020

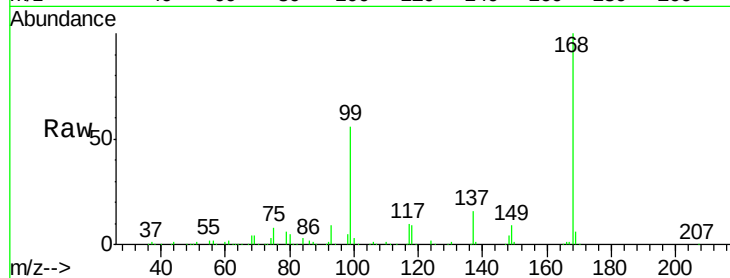
Tgt Ion: 56 Resp: 5915

Ion Ratio Lower Upper

56 100

69 228.5 25.3 37.9#

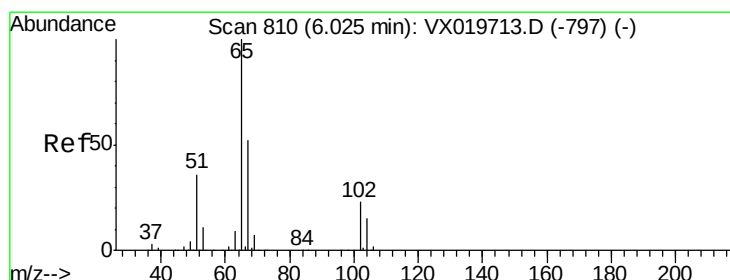
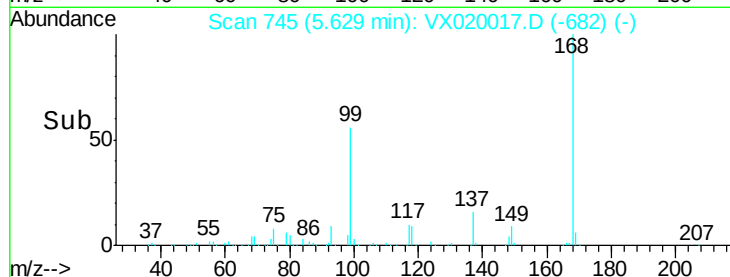
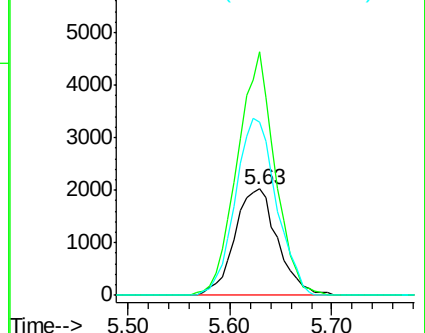
84 162.5 71.4 107.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.407 ug/l

RT: 6.02 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX020017.D

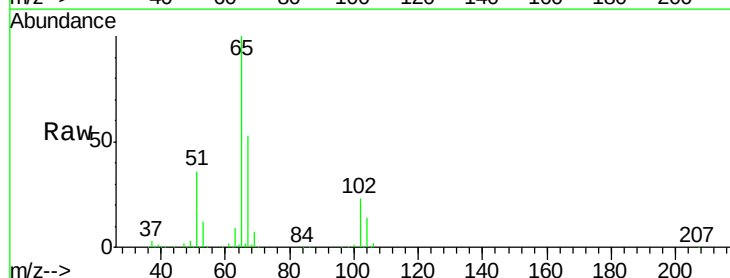
Acq: 15 Dec 2020 17:21

Tgt Ion: 65 Resp: 197938

Ion Ratio Lower Upper

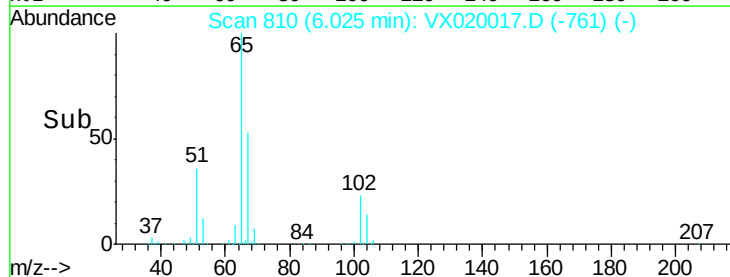
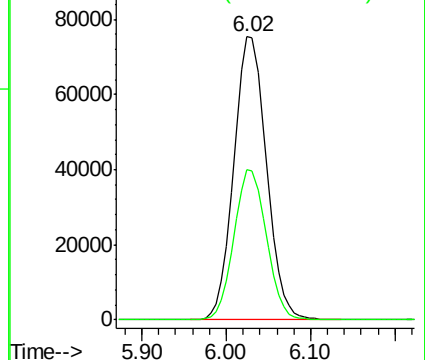
65 100

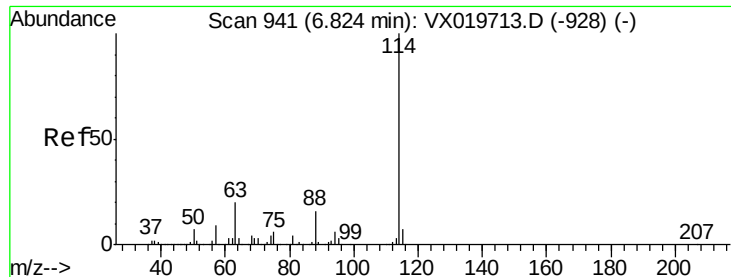
67 52.8 0.0 105.4



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: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5228-121020

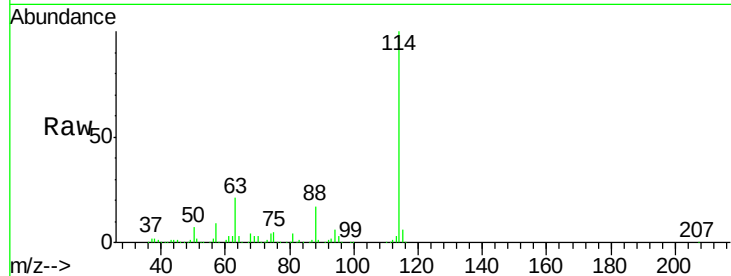
Tgt Ion:114 Resp: 514958

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

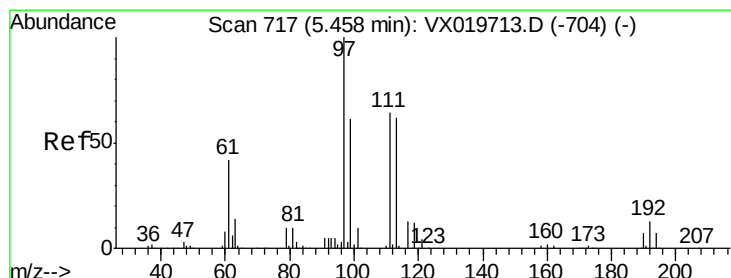
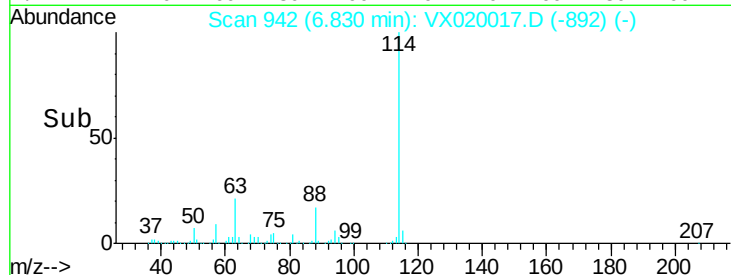
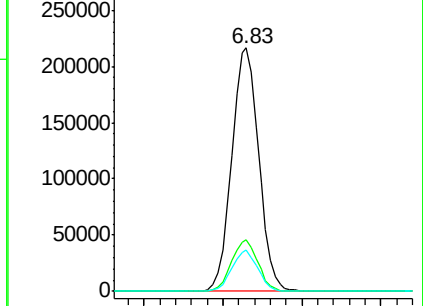
88 16.8 0.0 32.8



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: 48.458 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

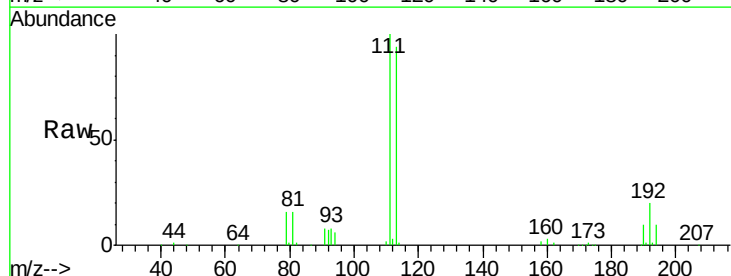
Tgt Ion:113 Resp: 161272

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

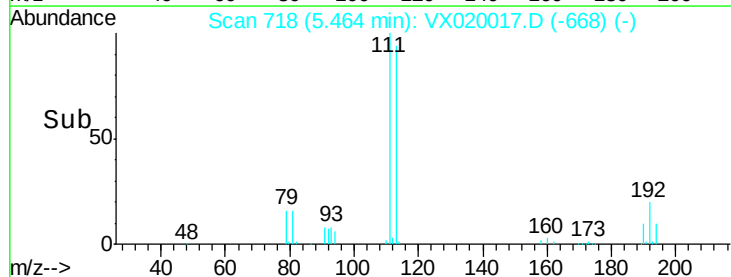
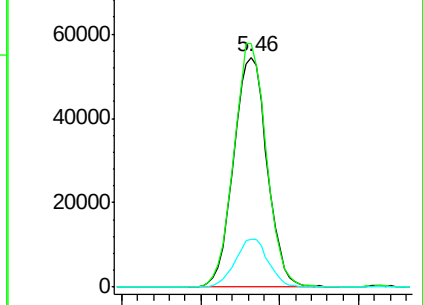
192 20.8 16.7 25.1

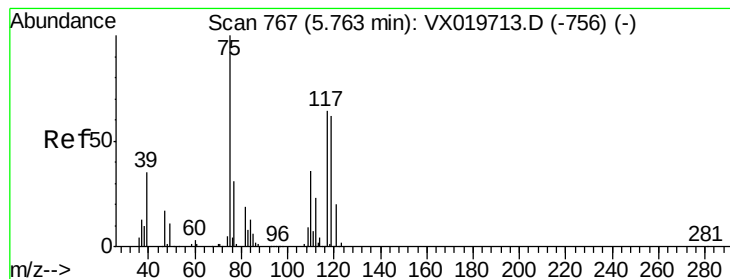


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.142 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5228-121020

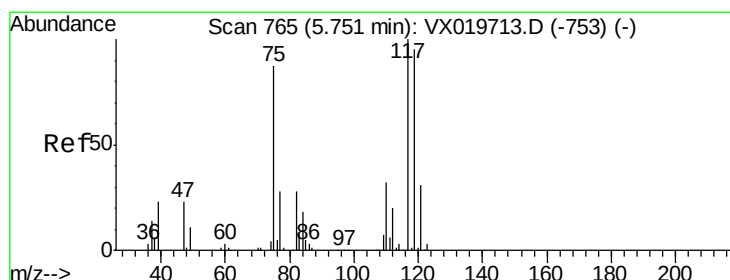
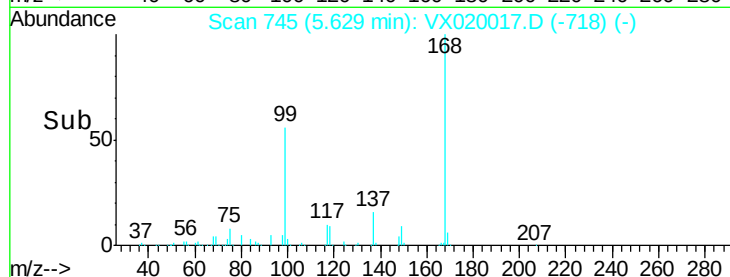
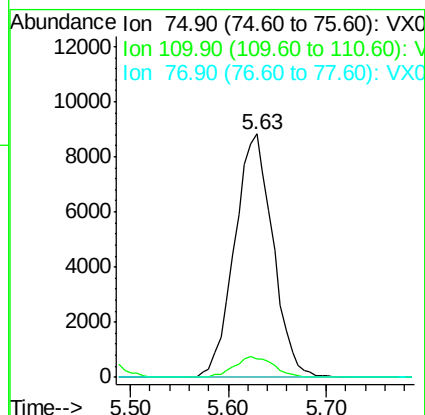
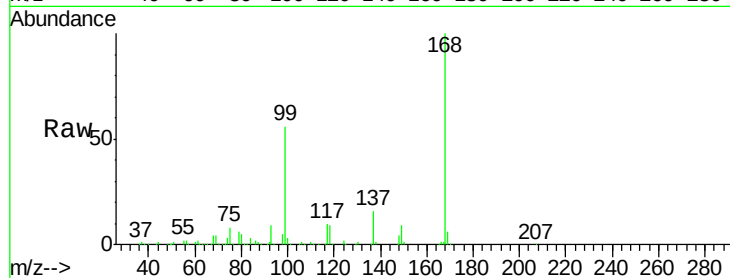
Tgt Ion: 75 Resp: 23927

Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.4#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.696 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

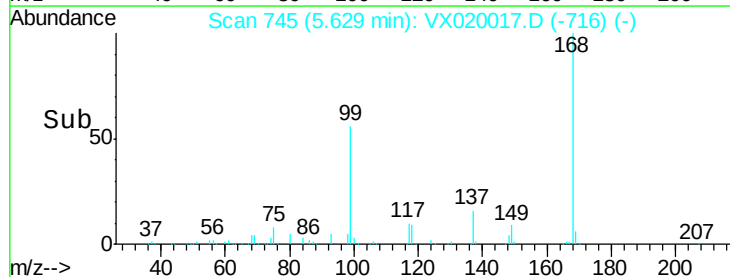
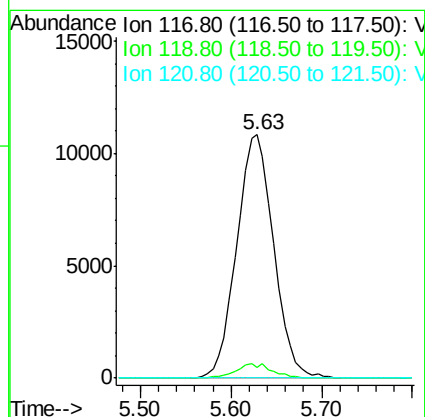
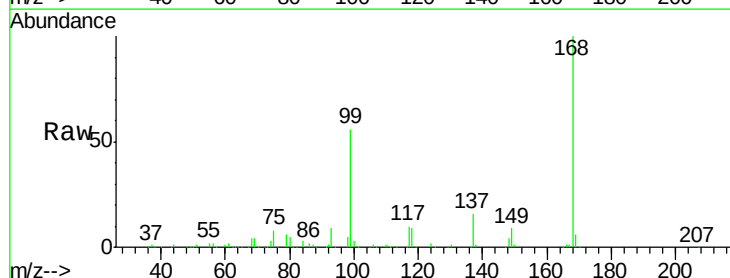
Tgt Ion: 117 Resp: 30512

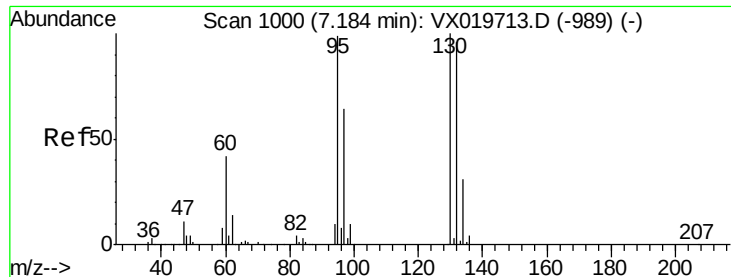
Ion Ratio Lower Upper

117 100

119 4.3 76.2 114.2#

121 0.0 24.8 37.2#





#44

Trichloroethene

Concen: 3.395 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

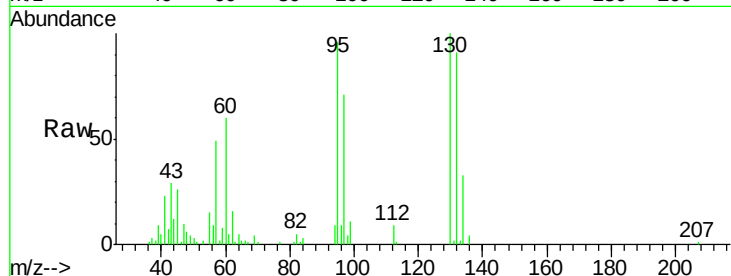
TU032-32-5228-121020

Tgt Ion:130 Resp: 12663

Ion Ratio Lower Upper

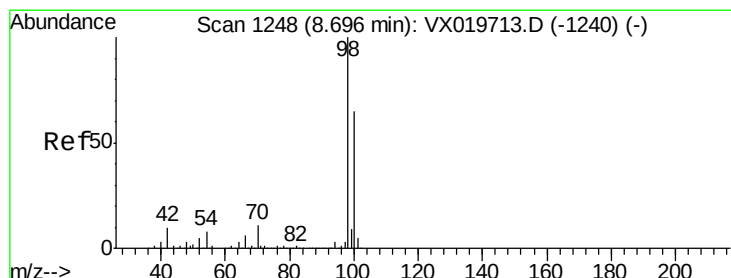
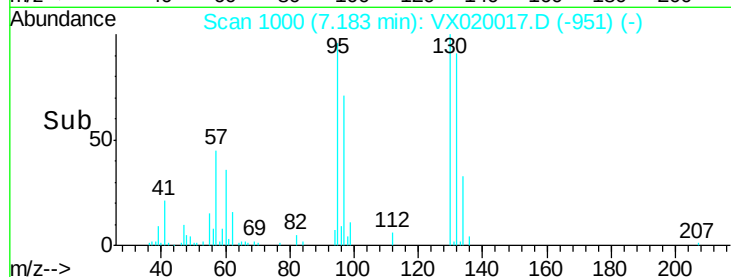
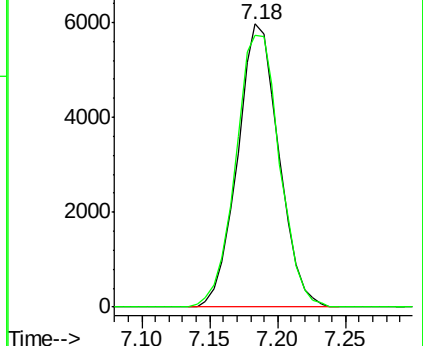
130 100

95 96.0 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.176 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX020017.D

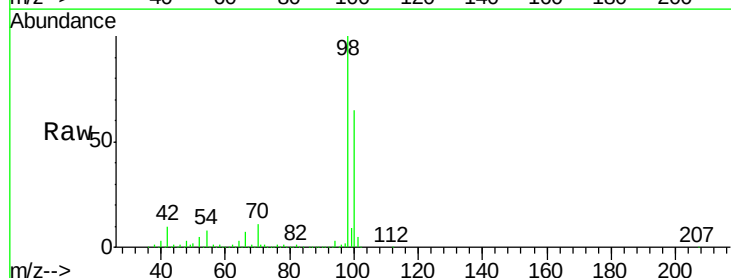
Acq: 15 Dec 2020 17:21

Tgt Ion: 98 Resp: 624815

Ion Ratio Lower Upper

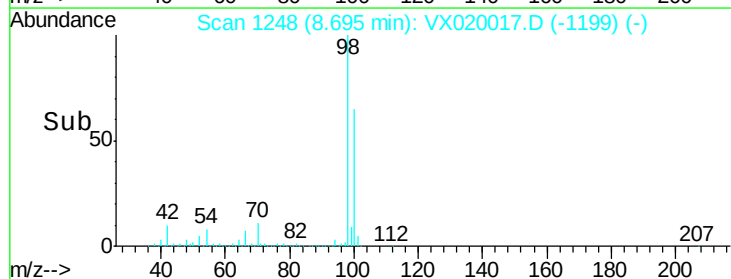
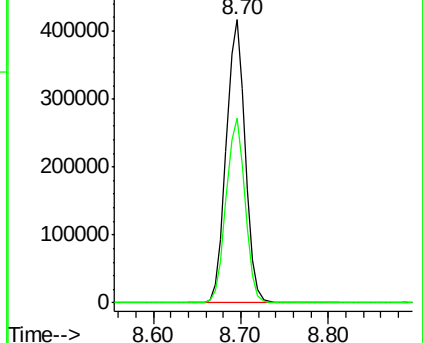
98 100

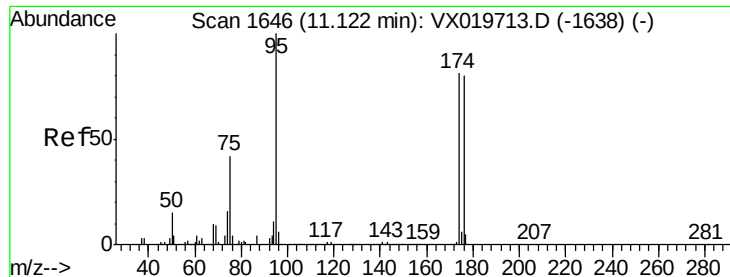
100 65.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.562 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5228-121020

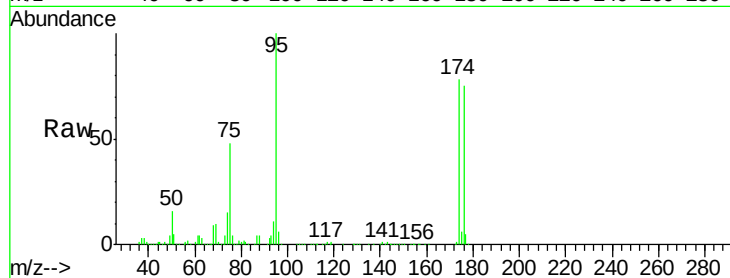
Tgt Ion: 95 Resp: 220337

Ion Ratio Lower Upper

95 100

174 76.5 0.0 154.6

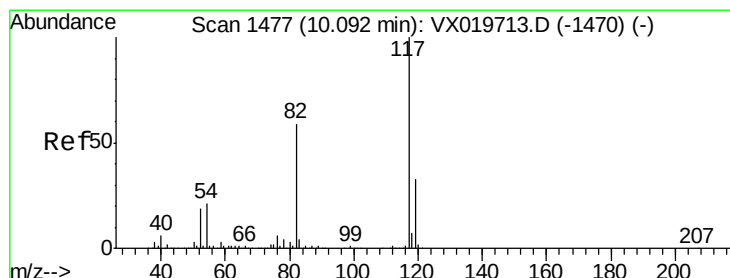
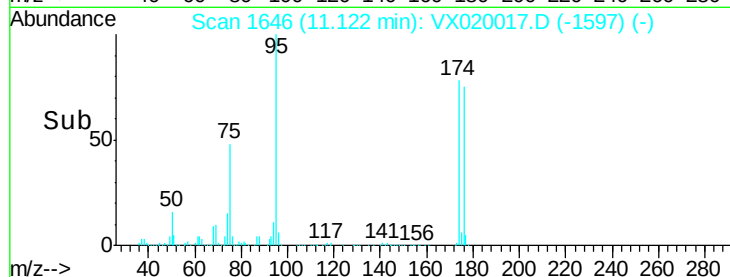
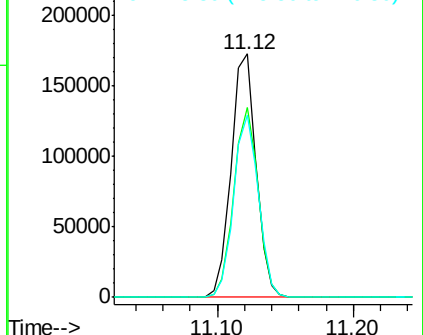
176 74.0 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

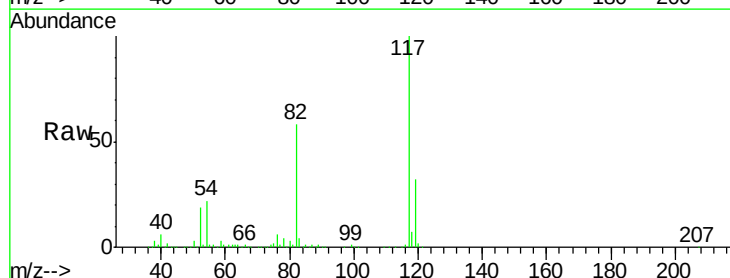
Tgt Ion: 117 Resp: 470540

Ion Ratio Lower Upper

117 100

82 58.1 47.4 71.2

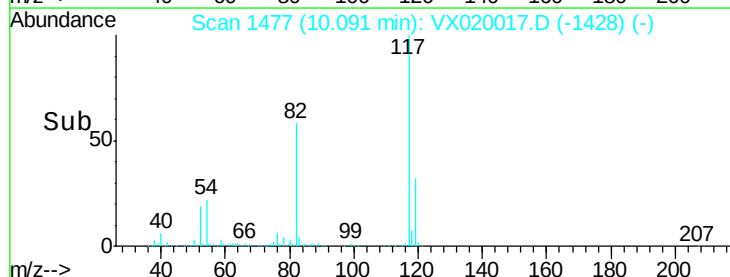
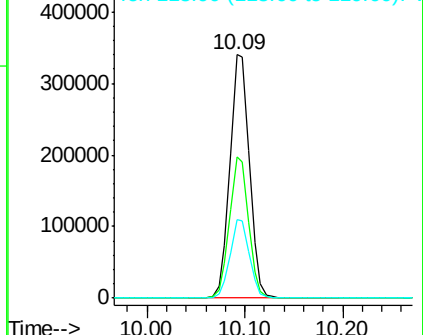
119 32.0 26.6 39.8

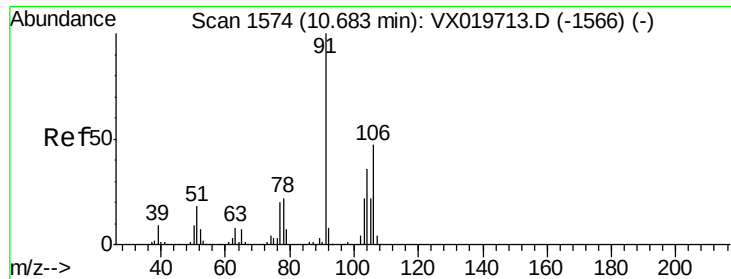


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

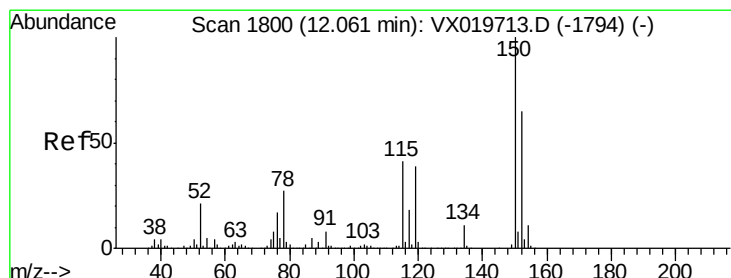
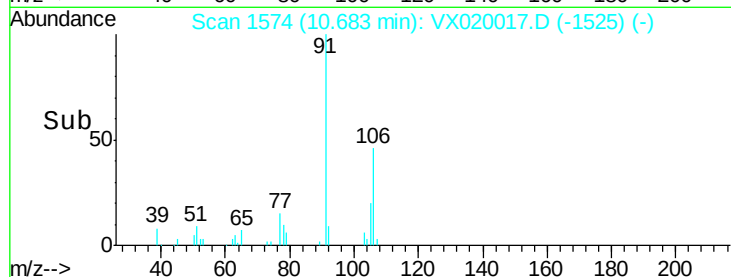
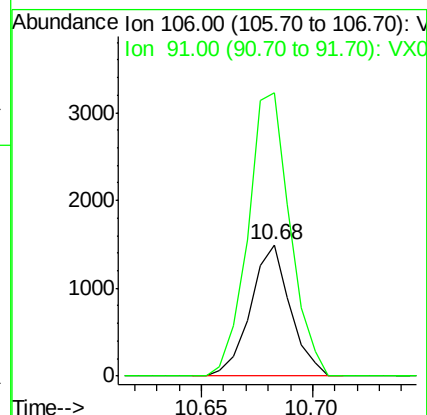
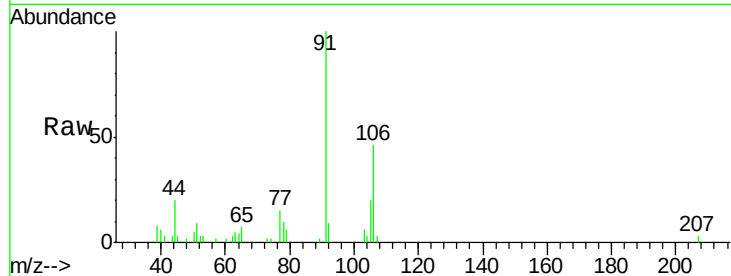




#69
o-Xylene
Concen: 0.308 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX020017.D
Acq: 15 Dec 2020 17:21

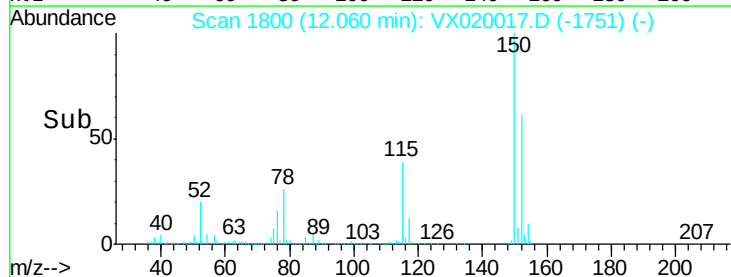
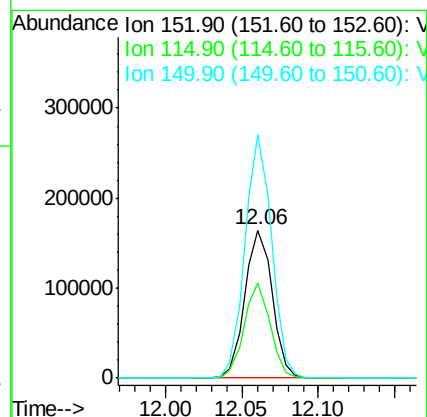
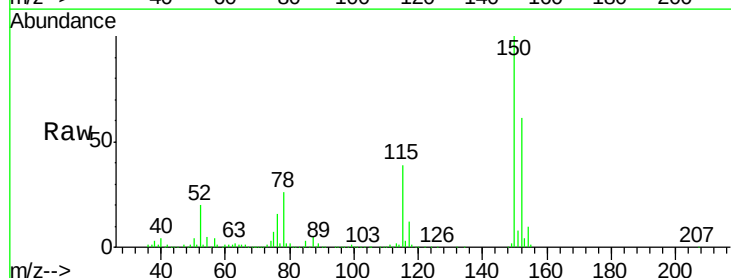
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5228-121020

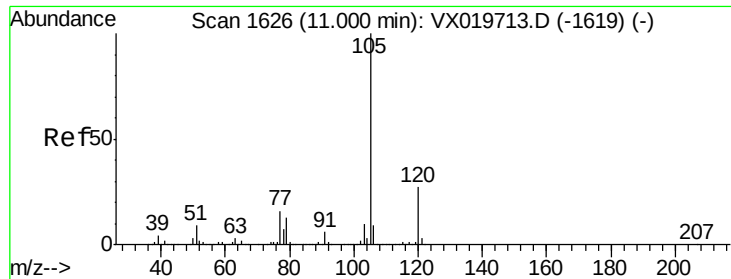
Tgt Ion:106 Resp: 1858
Ion Ratio Lower Upper
106 100
91 228.7 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX020017.D
Acq: 15 Dec 2020 17:21

Tgt Ion:152 Resp: 203762
Ion Ratio Lower Upper
152 100
115 61.3 41.1 123.3
150 160.5 0.0 349.0

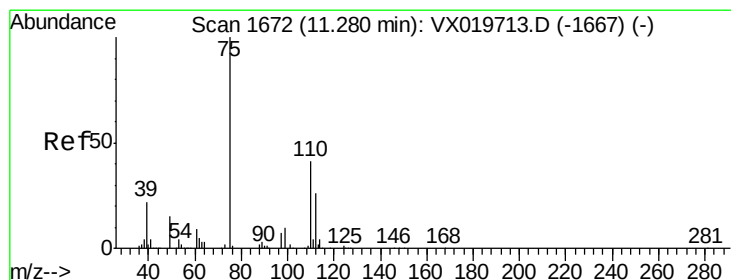
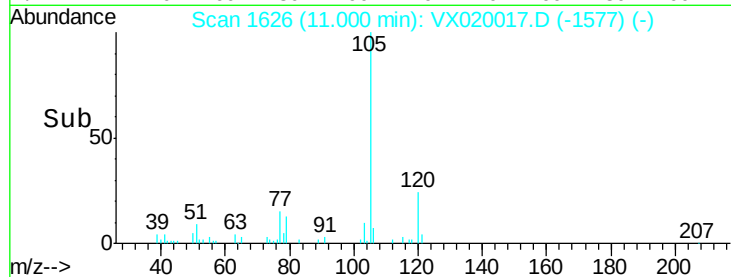
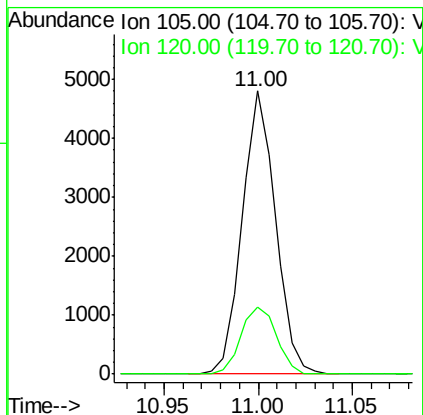
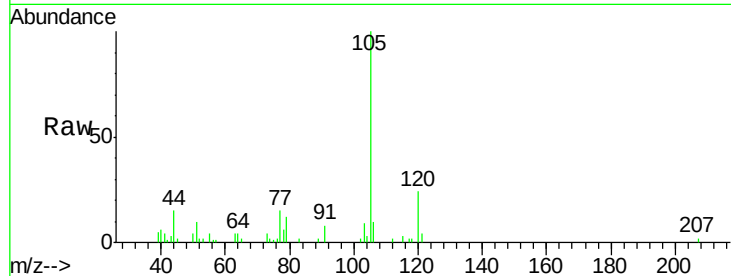




#73
Isopropylbenzene
Concen: 0.423 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX020017.D
Acq: 15 Dec 2020 17:21

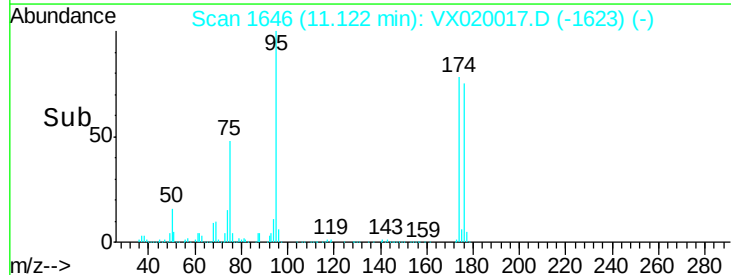
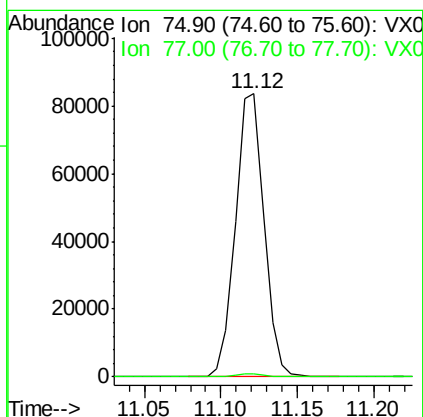
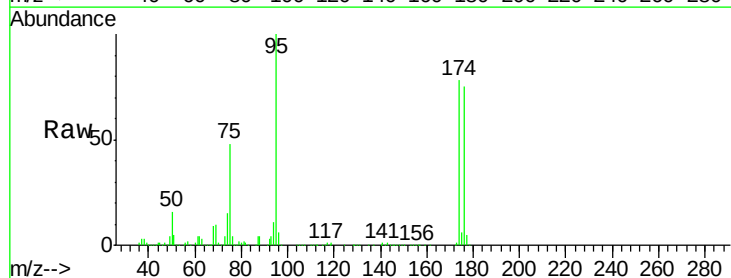
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5228-121020

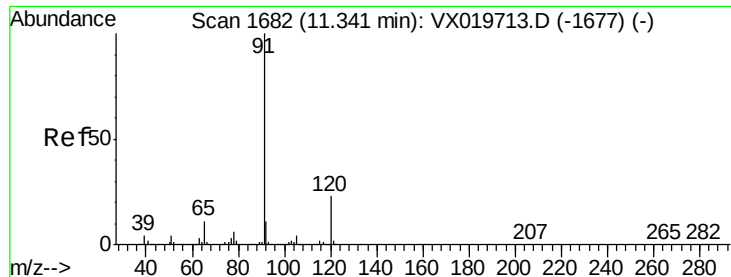
Tgt Ion: 105 Resp: 5884
Ion Ratio Lower Upper
105 100
120 25.2 13.2 39.6



#76
1,2,3-Trichloropropane
Concen: 23.650 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX020017.D
Acq: 15 Dec 2020 17:21

Tgt Ion: 75 Resp: 108082
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#78

n-propylbenzene

Concen: 0.564 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

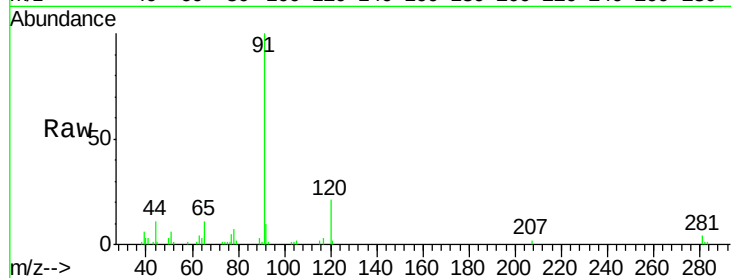
TU032-32-5228-121020

Tgt Ion: 91 Resp: 8969

Ion Ratio Lower Upper

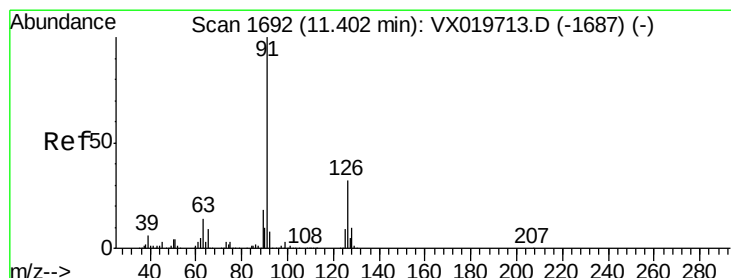
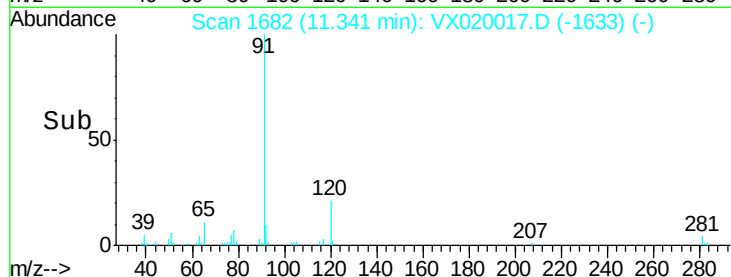
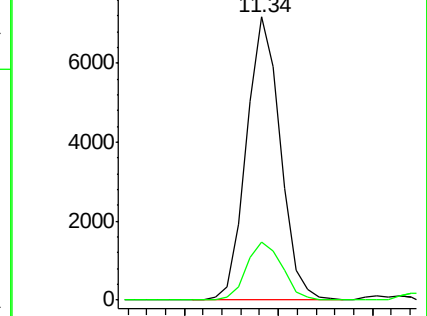
91 100

120 21.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.916 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.06 min

Lab File: VX020017.D

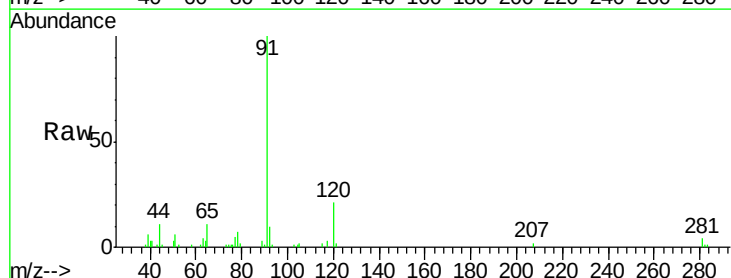
Acq: 15 Dec 2020 17:21

Tgt Ion: 91 Resp: 8969

Ion Ratio Lower Upper

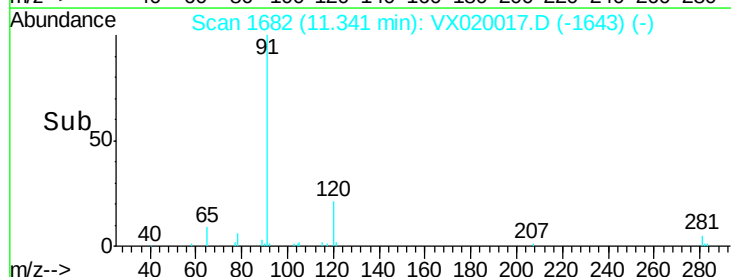
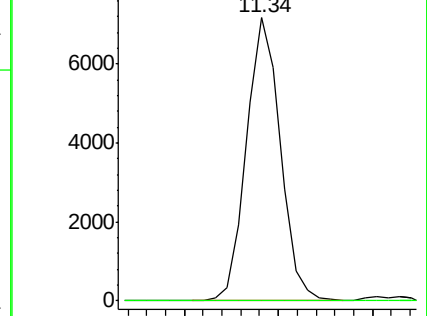
91 100

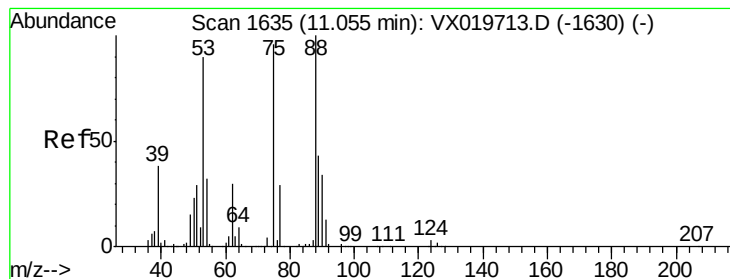
126 0.0 16.6 49.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 68.368 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5228-121020

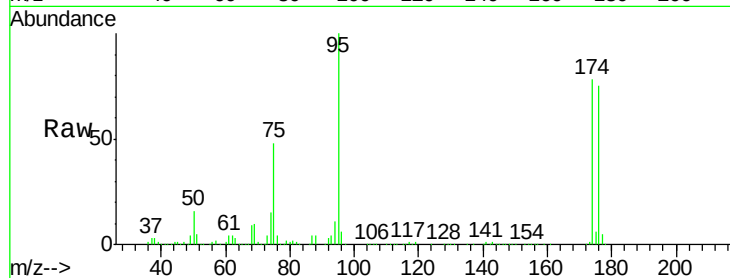
Tgt Ion: 75 Resp: 108082

Ion Ratio Lower Upper

75 100

53 0.1 74.5 111.7#

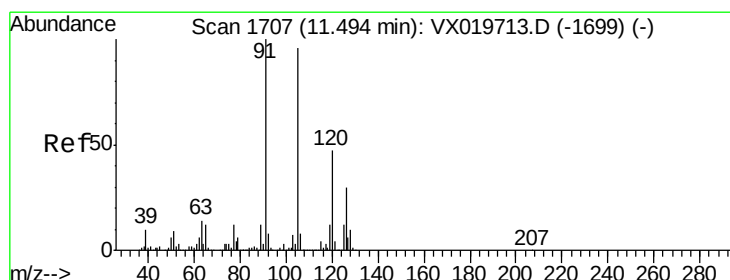
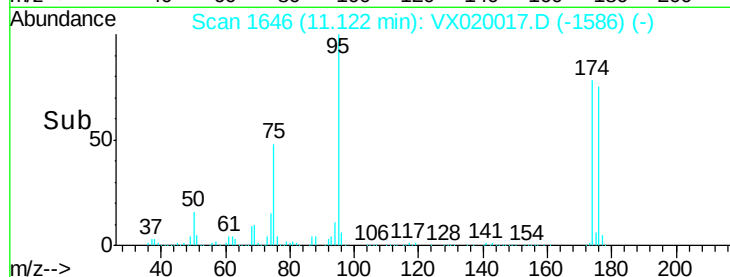
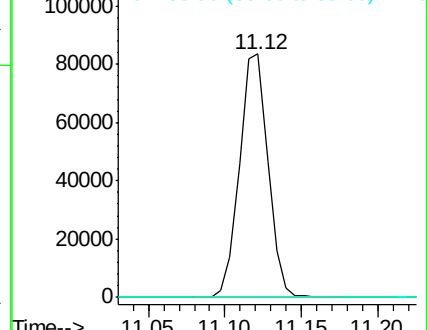
89 0.0 37.9 56.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.782 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.15 min

Lab File: VX020017.D

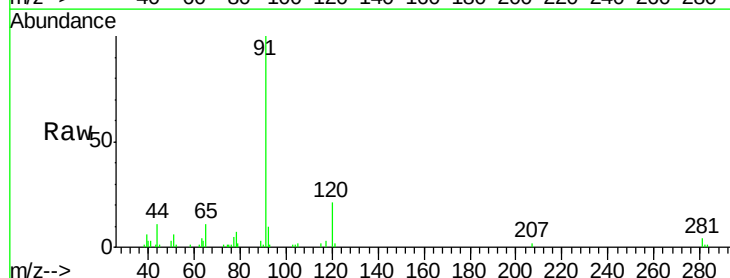
Acq: 15 Dec 2020 17:21

Tgt Ion: 91 Resp: 8969

Ion Ratio Lower Upper

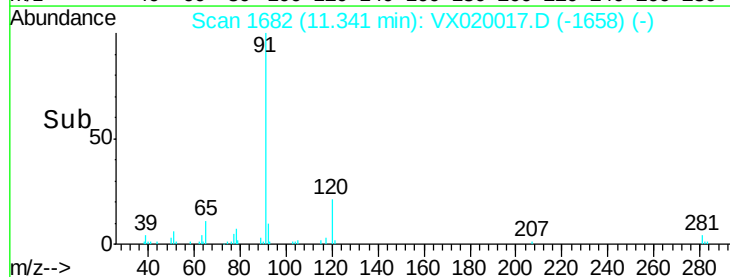
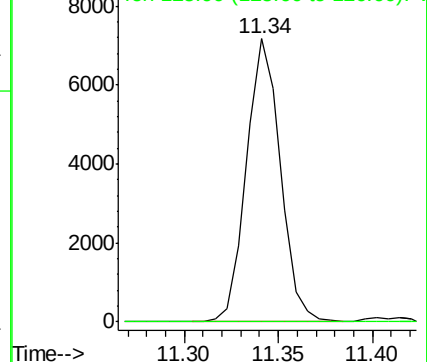
91 100

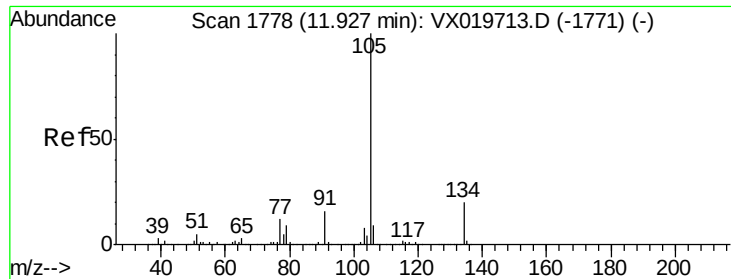
126 0.0 14.9 44.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#85

sec-Butylbenzene

Concen: 0.516 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

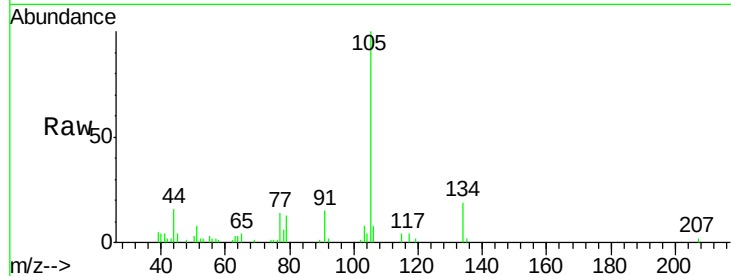
TU032-32-5228-121020

Tgt Ion:105 Resp: 6785

Ion Ratio Lower Upper

105 100

134 28.6 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

6000

5000

4000

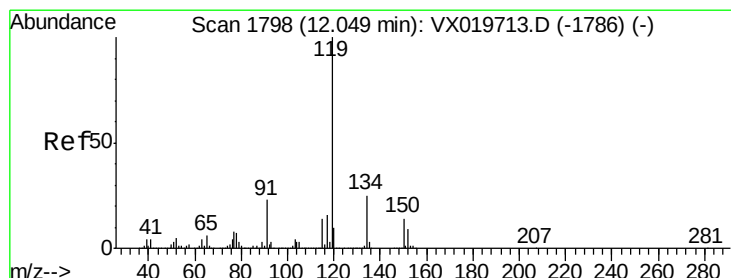
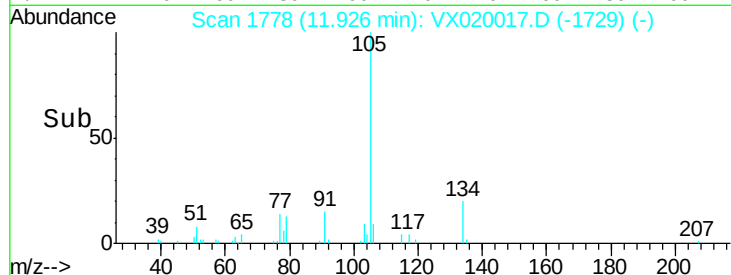
3000

2000

1000

0

Time-->



#86

p-Isopropyltoluene

Concen: 0.206 ug/l

RT: 12.21 min Scan# 1825

Delta R.T. 0.16 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

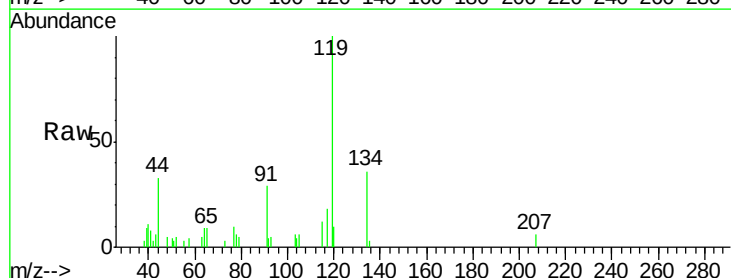
Tgt Ion:119 Resp: 2485

Ion Ratio Lower Upper

119 100

134 30.8 12.9 38.7

91 32.7 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): V

2500

2000

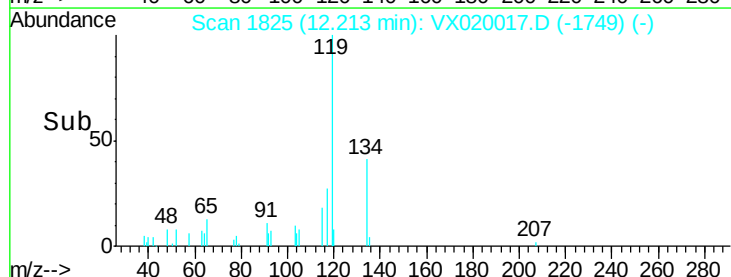
1500

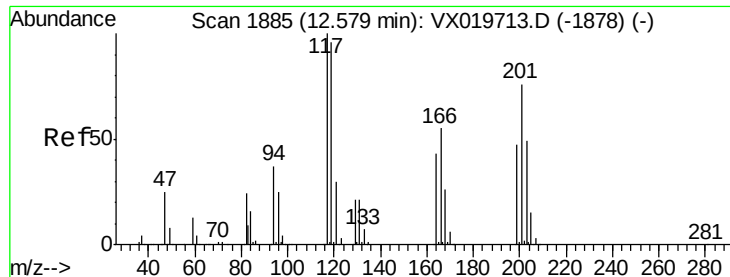
1000

500

0

Time-->





#90

Hexachloroethane

Concen: 1.744 ug/l

RT: 12.68 min Scan# 1902

Delta R.T. 0.10 min

Lab File: VX020017.D

Acq: 15 Dec 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

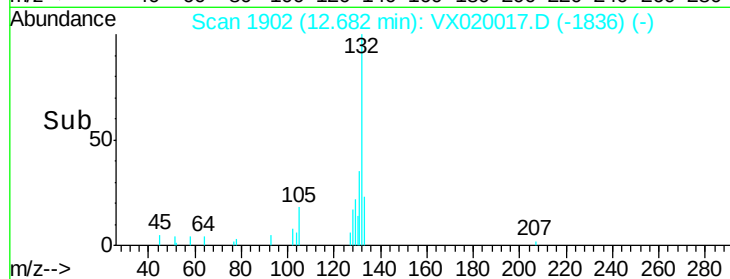
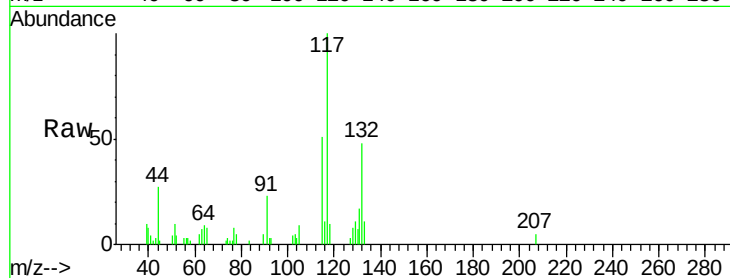
TU032-32-5228-121020

Tgt Ion:117 Resp: 3631

Ion Ratio Lower Upper

117 100

201 0.0 40.4 121.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

