

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051920\
 Data File : VX016338.D
 Acq On : 19 May 2020 16:36
 Operator : JC/SP
 Sample : L2673-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 102

Quant Time: May 20 03:48:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	247489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	419854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	379353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201289	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	148097	45.47	ug/l	0.00
Spiked Amount			Recovery	=	90.94%	
35) Dibromofluoromethane	5.48	113	123389	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
50) Toluene-d8	8.70	98	504290	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.12	95	196888	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1152	0.379	ug/l #	80
11) Tert butyl alcohol	3.03	59	5484	6.659	ug/l #	72
13) Acrolein	2.34	56	149584	290.262	ug/l #	14
16) Acetone	2.44	43	265988	183.047	ug/l #	50
18) Methyl Acetate	2.76	43	2321	0.650	ug/l #	85
20) Methylene Chloride	2.84	84	1592	0.531	ug/l	92
22) Diisopropyl ether	4.09	45	1015849	114.151	ug/l #	1
25) 2-Butanone	4.65	43	87204	37.242	ug/l	94
29) Tetrahydrofuran	5.12	42	5298	3.415	ug/l #	38
31) Cyclohexane	5.62	56	4826	1.067	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	17816	4.311	ug/l #	50
37) Ethyl Acetate	4.65	43	87204	18.205	ug/l #	67
38) Carbon Tetrachloride	5.64	117	23948	5.701	ug/l #	14
43) Isopropyl Acetate	6.43	43	2556	0.334	ug/l #	59
45) 1,2-Dichloropropane	7.60	63	1640	0.536	ug/l #	1
48) Methyl methacrylate	7.86	41	1447	0.400	ug/l #	34
49) 1,4-Dioxane	7.71	88	414	4.767	ug/l #	1
52) Toluene	8.76	92	10464	1.388	ug/l	96
53) t-1,3-Dichloropropene	9.07	75	131805	26.103	ug/l #	44
55) 1,1,2-Trichloroethane	9.23	97	21830	7.361	ug/l #	1
56) Ethyl methacrylate	9.23	69	41427	8.558	ug/l #	1
57) 1,3-Dichloropropane	9.24	76	2828	0.547	ug/l #	87
59) 2-Hexanone	9.23	43	3070721	836.044	ug/l	96
60) Dibromochloromethane	9.59	129	4572	1.400	ug/l #	11
68) m/p-Xylenes	10.35	106	2098	0.395	ug/l	92
69) o-Xylene	10.69	106	1215	0.238	ug/l	90
74) N-amyl acetate	10.86	43	8102	1.186	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	11.19	83	40412	16.445	ug/l #	41
76) 1,2,3-Trichloropropane	11.12	75	92517	20.255	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	92517	48.268	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.79	105	7199	0.576	ug/l	84
94) Hexachlorobutadiene	13.77	225	40	0.543	ug/l #	18
95) Naphthalene	13.82	128	10722	0.685	ug/l	99

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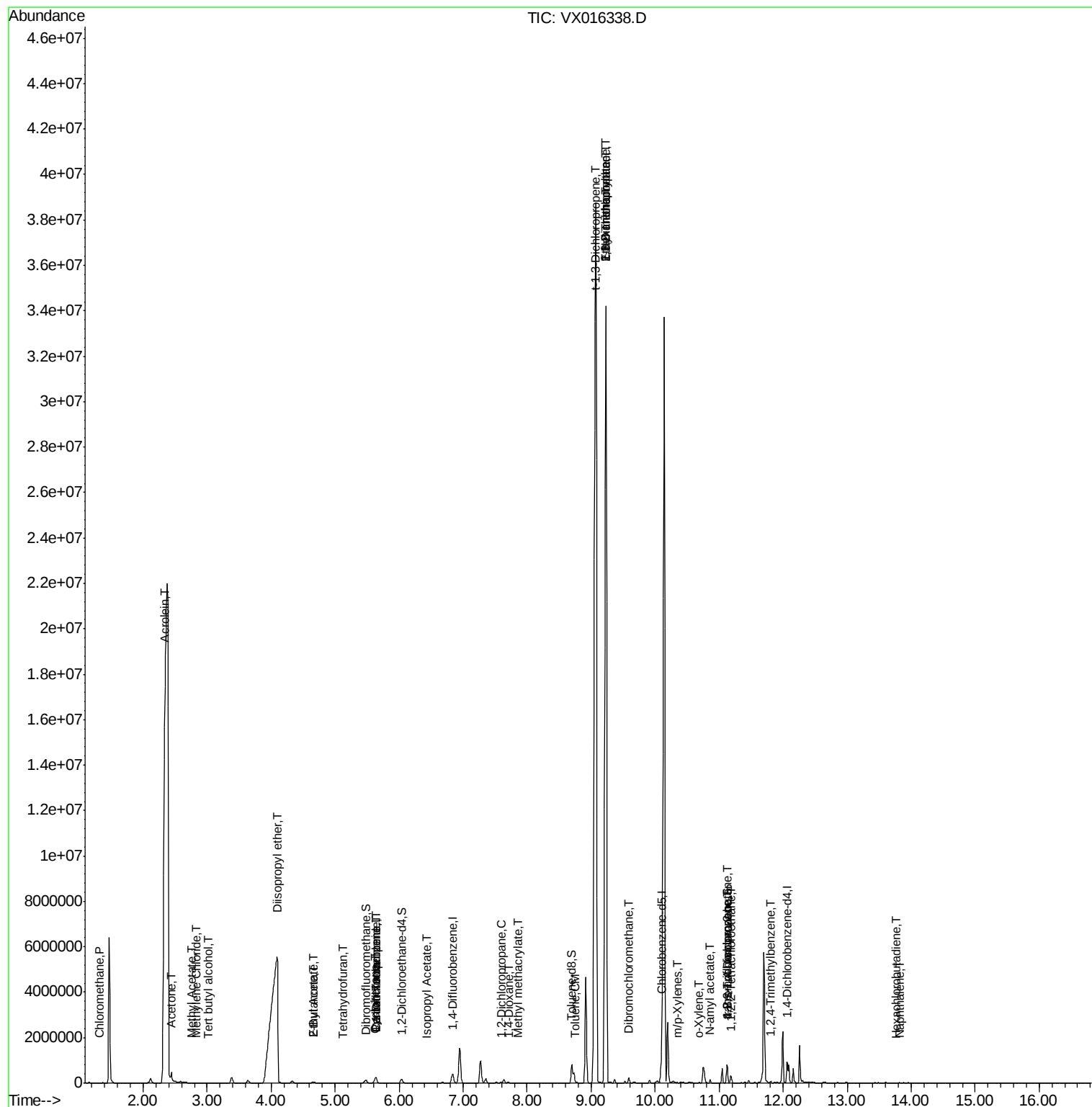
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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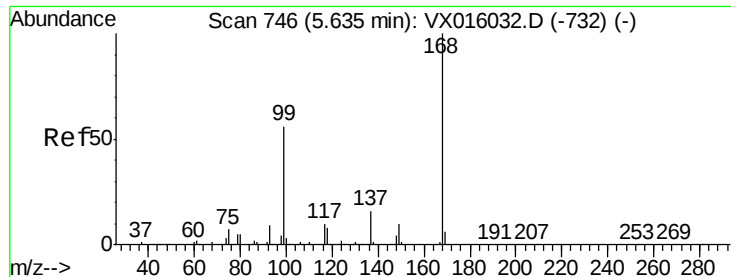
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\WX051920\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

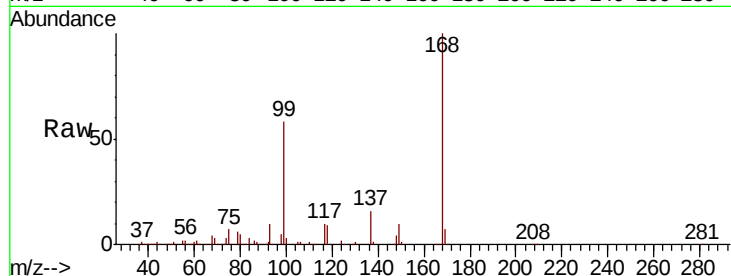
102

Tot Ion:168 Resp: 247489

Ion Ratio Lower Upper

168 100

99 58.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

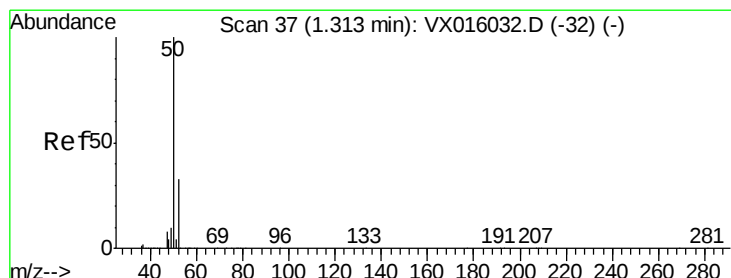
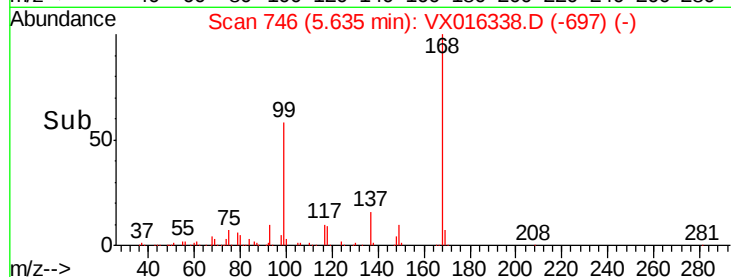
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.379 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016338.D

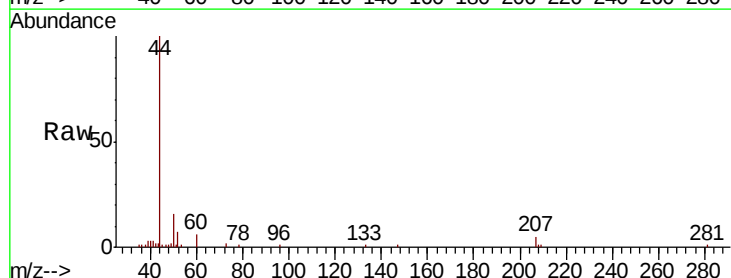
Acq: 19 May 2020 16:36

Tgt Ion: 50 Resp: 1152

Ion Ratio Lower Upper

50 100

52 44.0 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

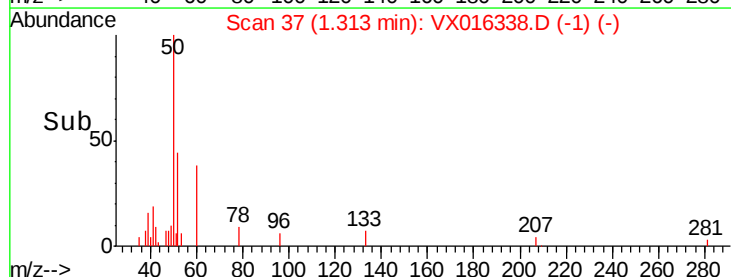
1000

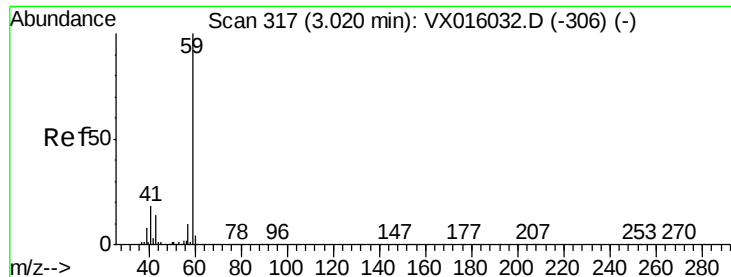
500

0

1.28 1.30 1.32 1.34

Time-->

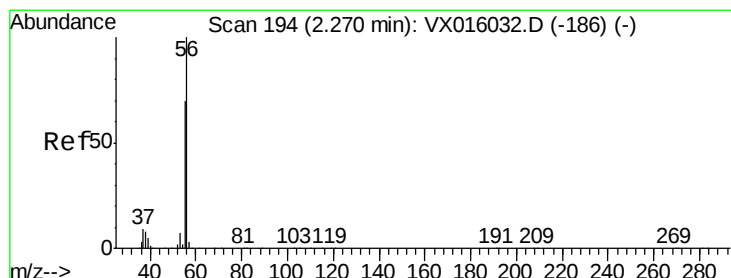
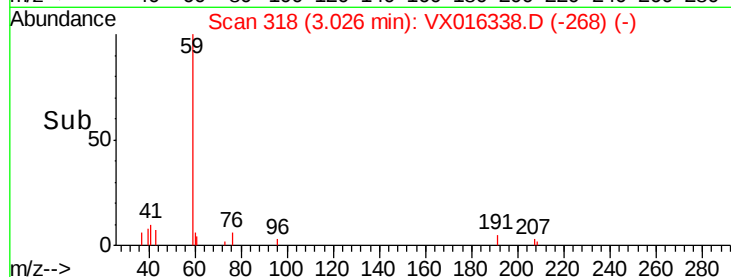
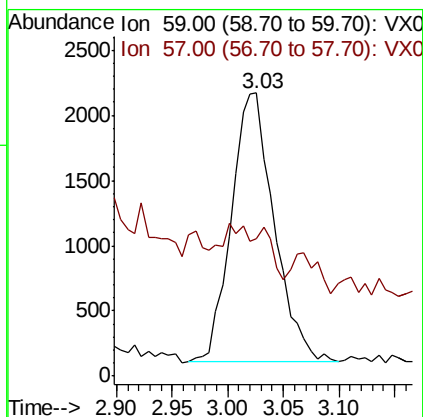
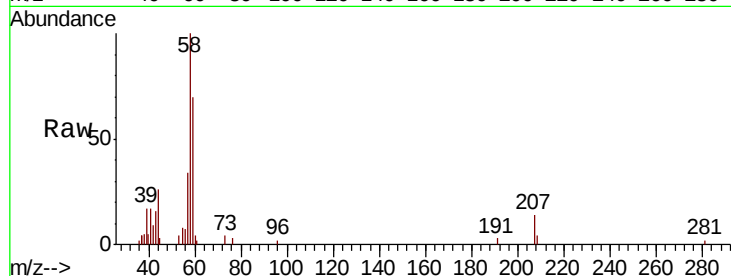




#11
Tert butyl alcohol
Concen: 6.659 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX016338.D
Acq: 19 May 2020 16:36

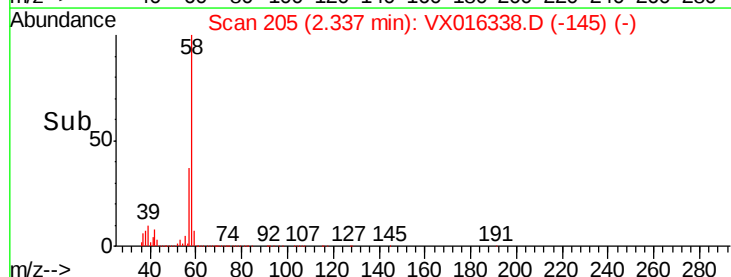
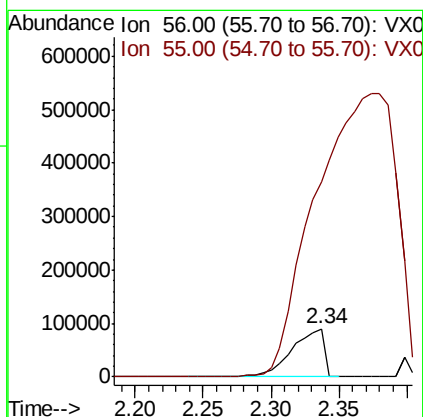
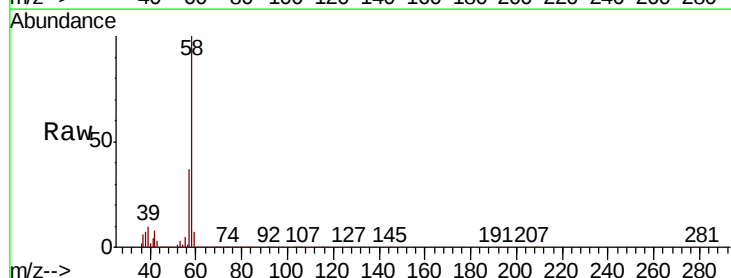
Instrument :
MSVOA_X
ClientSampleId :
102

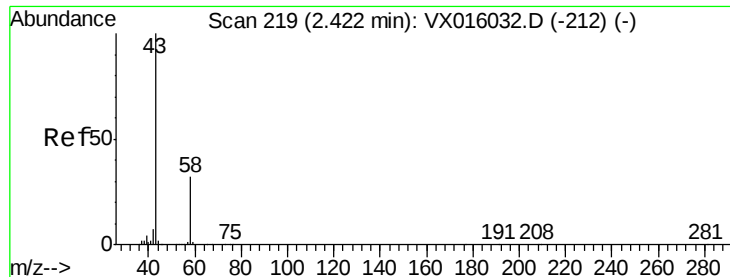
Tot Ion: 59 Resp: 5484
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 290.262 ug/l
RT: 2.34 min Scan# 205
Delta R.T. 0.07 min
Lab File: VX016338.D
Acq: 19 May 2020 16:36

Tgt Ion: 56 Resp: 149584
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#





#16

Acetone

Concen: 183.047 ug/l

RT: 2.44 min Scan# 222

Delta R.T. 0.02 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

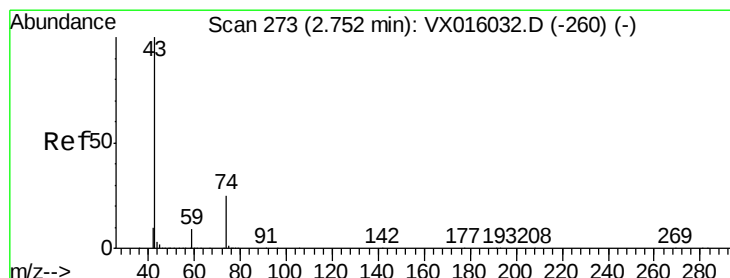
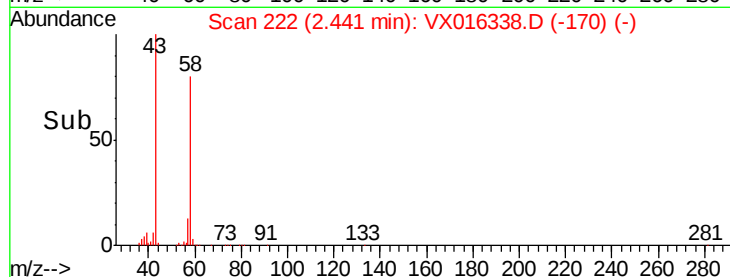
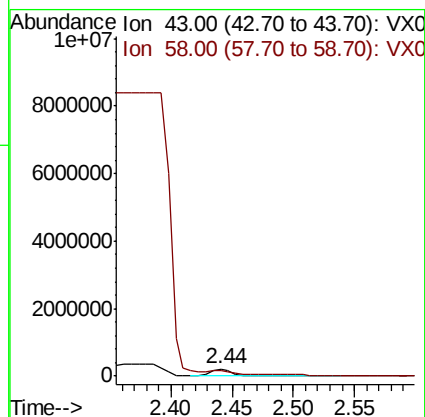
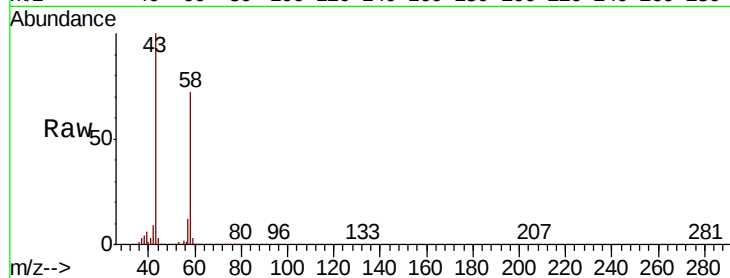
102

Tot Ion: 43 Resp: 265988

Ion Ratio Lower Upper

43 100

58 59.5 25.4 38.0#



#18

Methyl Acetate

Concen: 0.650 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX016338.D

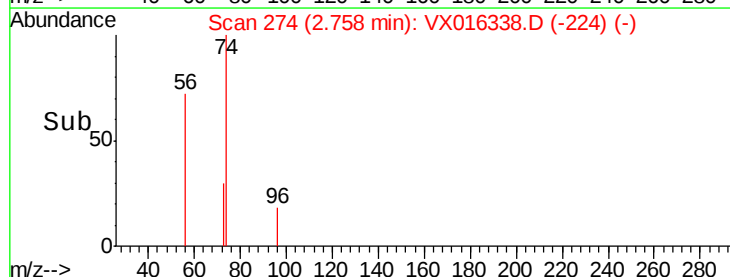
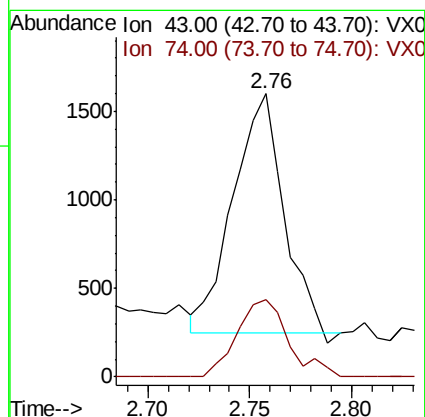
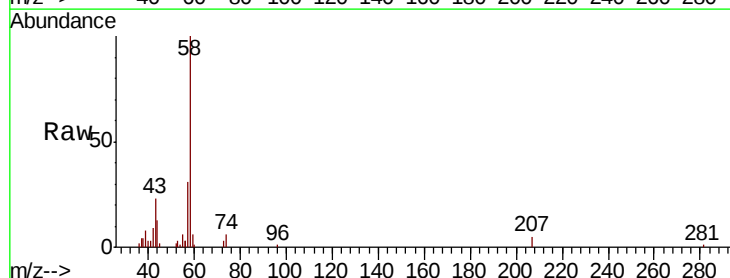
Acq: 19 May 2020 16:36

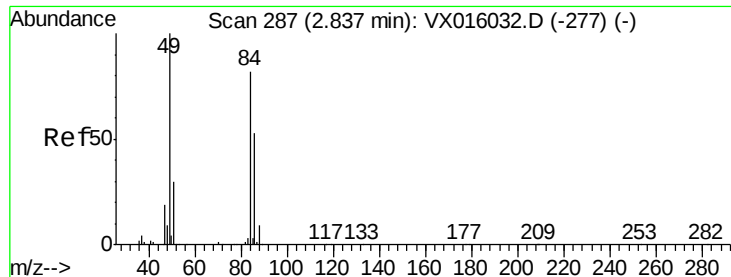
Tgt Ion: 43 Resp: 2321

Ion Ratio Lower Upper

43 100

74 33.0 20.2 30.2#

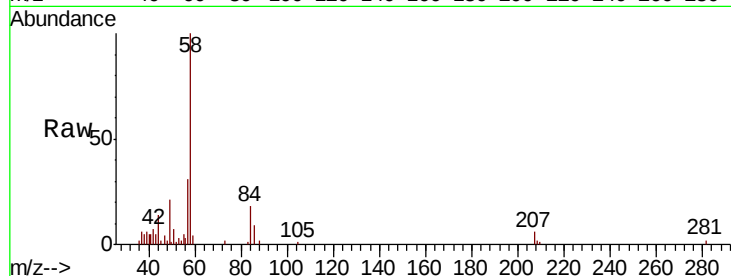




#20
Methvlene Chloride
Concen: 0.531 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016338.D
Acq: 19 May 2020 16:36

Instrument :
MSVOA_X
ClientSampleId :
102

Tot Ion:	84	Resp:	1592
Ion	Ratio	Lower	Upper
84	100		
49	115.9	97.3	145.9
51	39.8	29.3	43.9
86	53.2	51.3	76.9



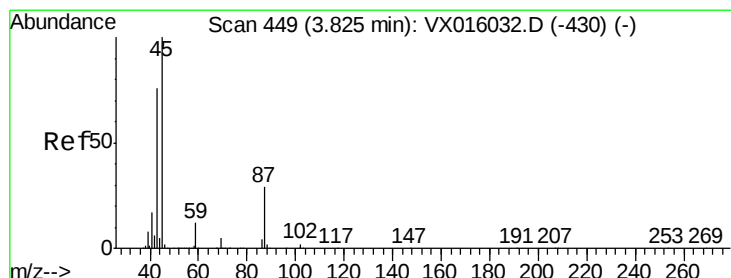
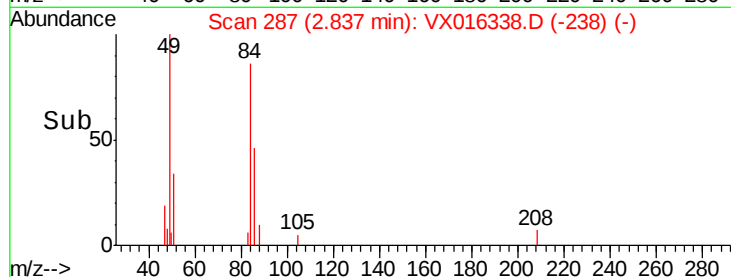
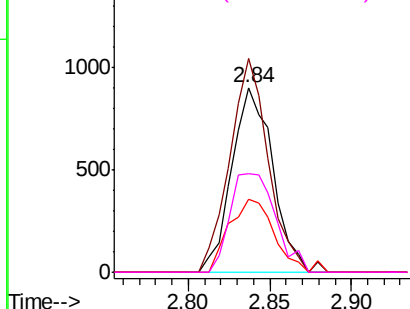
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

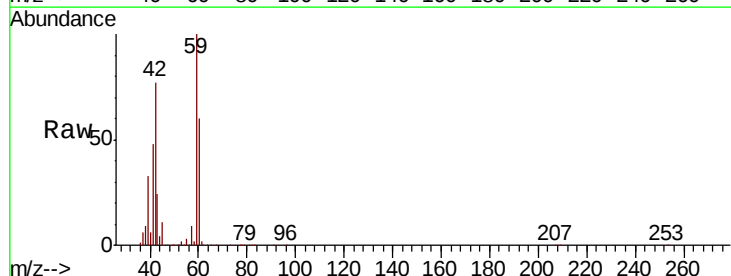
Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#22
Diisopropyl ether
Concen: 114.151 ug/l
RT: 4.09 min Scan# 493
Delta R.T. 0.27 min
Lab File: VX016338.D
Acq: 19 May 2020 16:36

Tgt Ion:	45	Resp:	1015849
Ion	Ratio	Lower	Upper
45	100		
43	230.7	61.1	91.7#
87	0.0	23.0	34.6#
59	949.1	9.8	14.6#



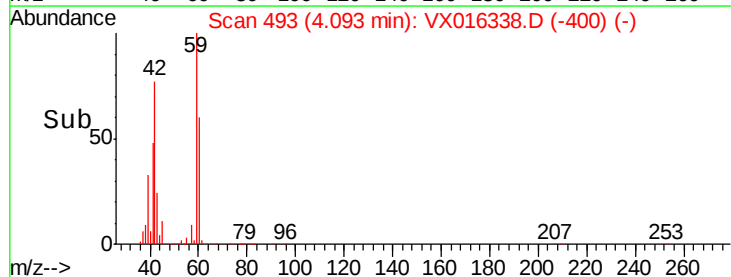
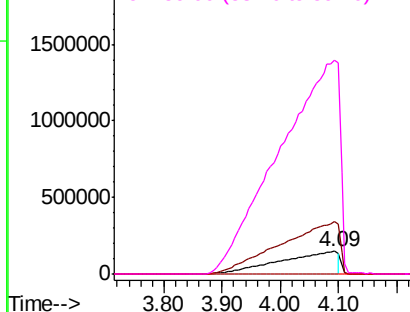
Abundance

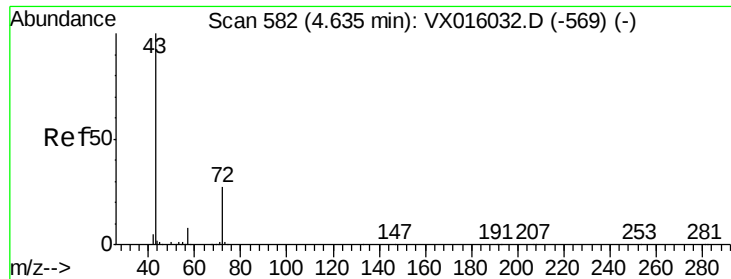
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#25

2-Butanone

Concen: 37.242 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.02 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :

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ClientSampleId :

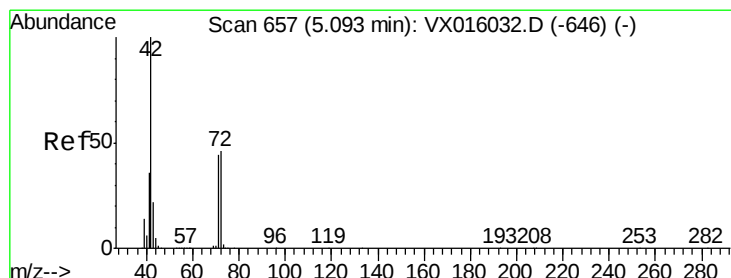
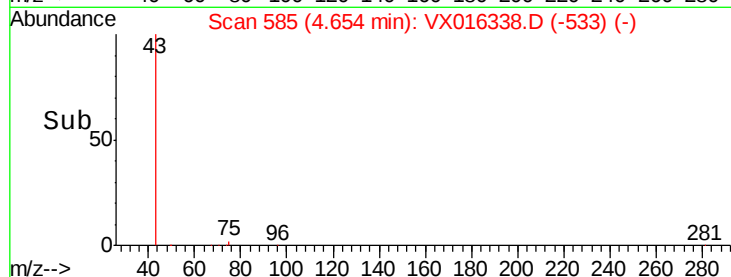
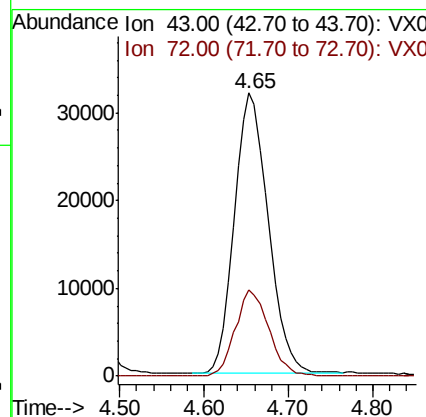
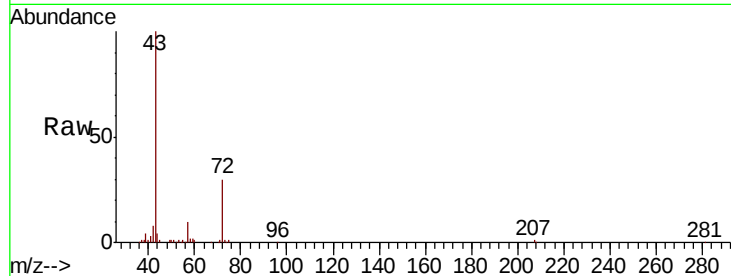
102

Tot Ion: 43 Resp: 87204

Ion Ratio Lower Upper

43 100

72 30.7 21.8 32.8



#29

Tetrahydrofuran

Concen: 3.415 ug/l

RT: 5.12 min Scan# 661

Delta R.T. 0.02 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

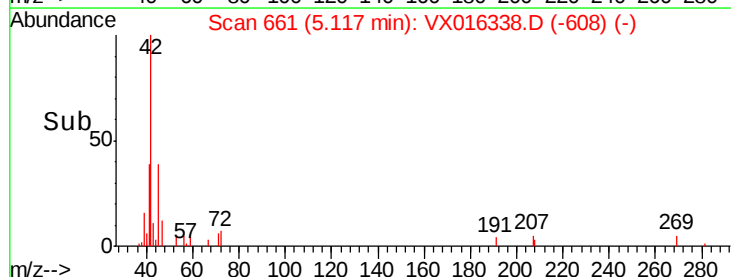
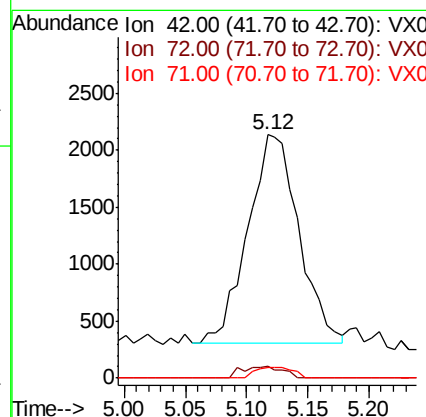
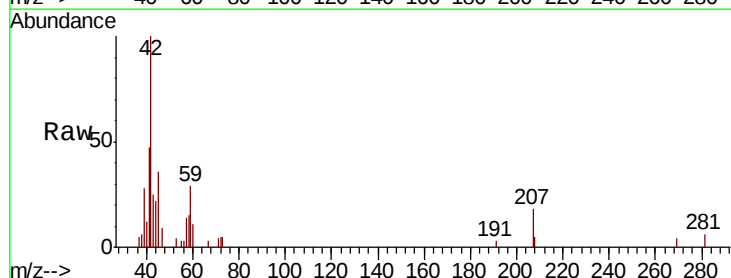
Tgt Ion: 42 Resp: 5298

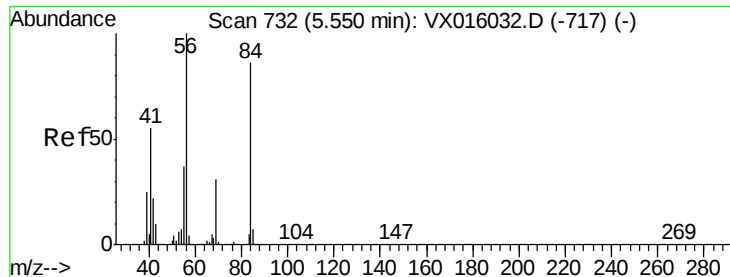
Ion Ratio Lower Upper

42 100

72 4.5 37.1 55.7#

71 3.8 34.5 51.7#





#31

Cyclohexane

Concen: 1.067 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.07 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

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102

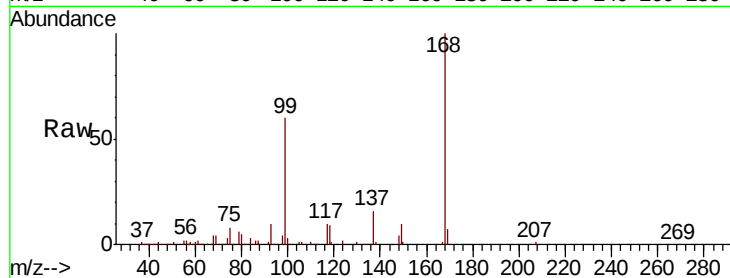
Tot Ion: 56 Resp: 4826

Ion Ratio Lower Upper

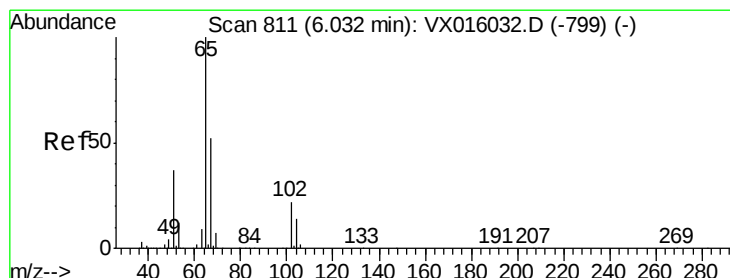
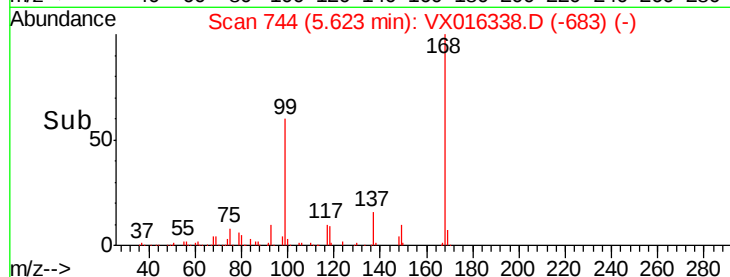
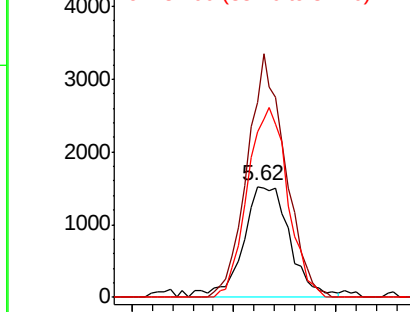
56 100

69 176.6 25.0 37.6#

84 150.3 69.0 103.6#



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: 45.475 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016338.D

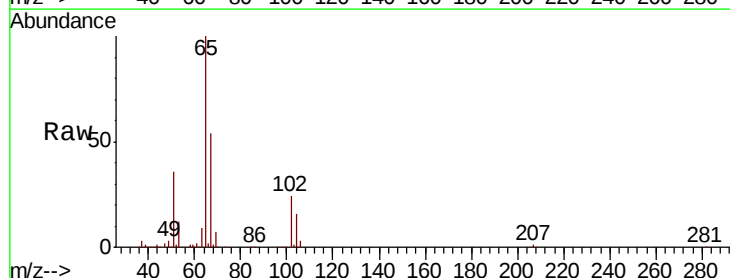
Acq: 19 May 2020 16:36

Tgt Ion: 65 Resp: 148097

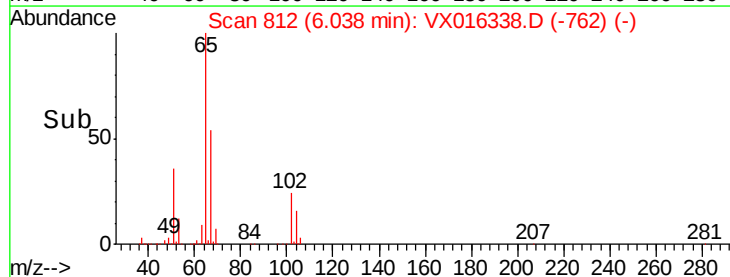
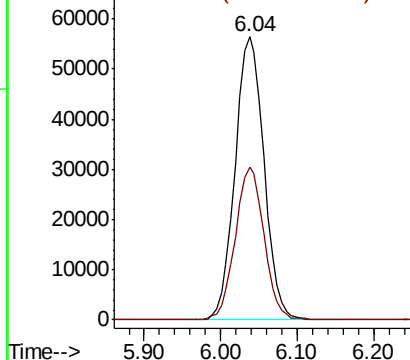
Ion Ratio Lower Upper

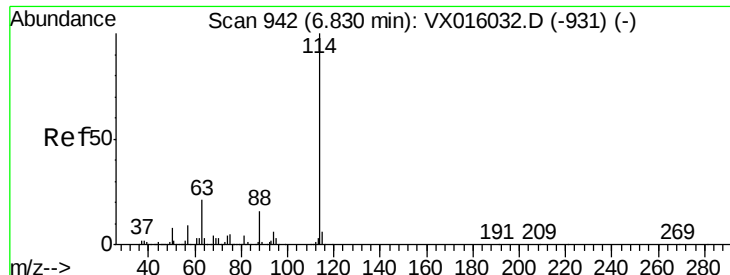
65 100

67 53.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

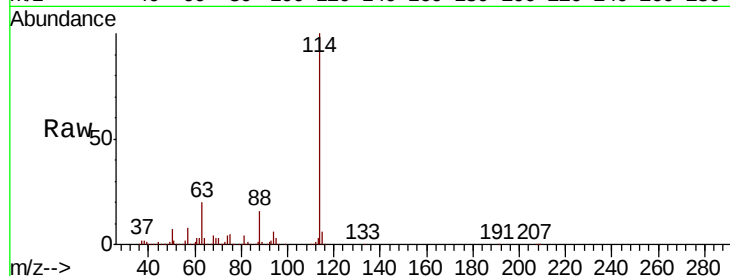




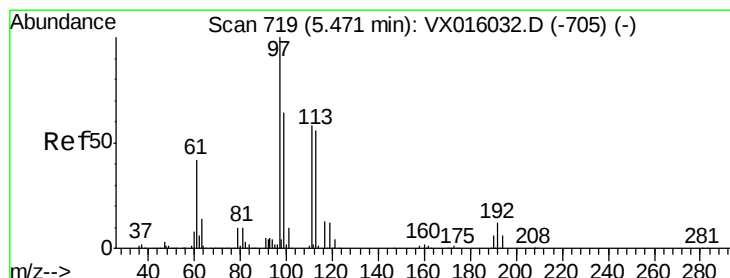
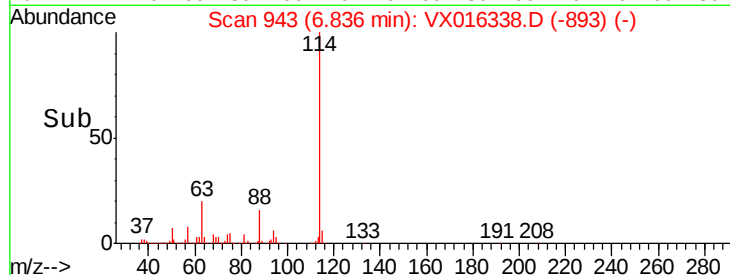
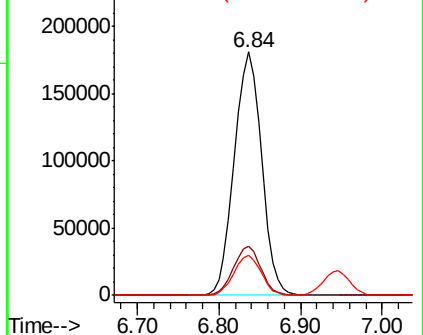
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016338.D
 Acq: 19 May 2020 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 102

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.8
88	16.5	0.0	31.4

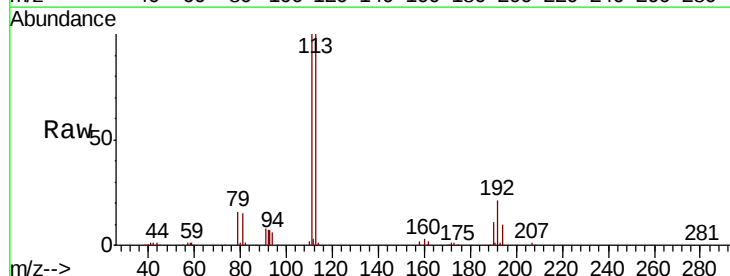


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

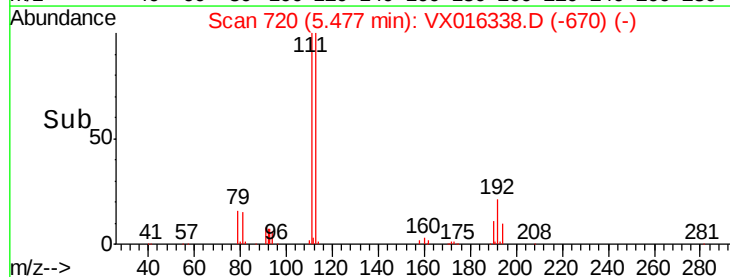
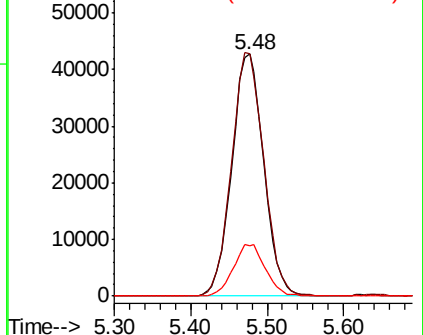


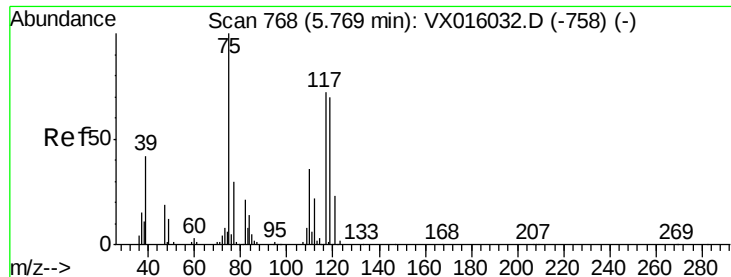
#35
 Dibromofluoromethane
 Concen: 46.388 ug/l
 RT: 5.48 min Scan# 720
 Delta R.T. 0.01 min
 Lab File: VX016338.D
 Acq: 19 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.6	122.4
192	21.2	17.0	25.4



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: 4.311 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :
MSVOA_X
ClientSampleId :
102

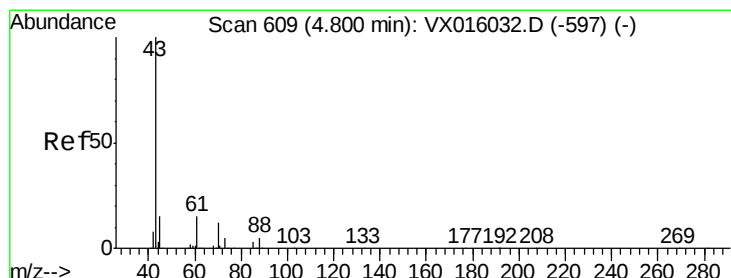
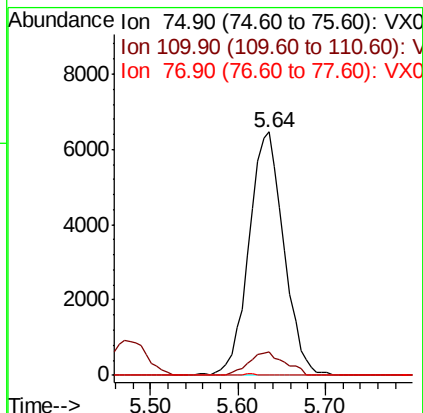
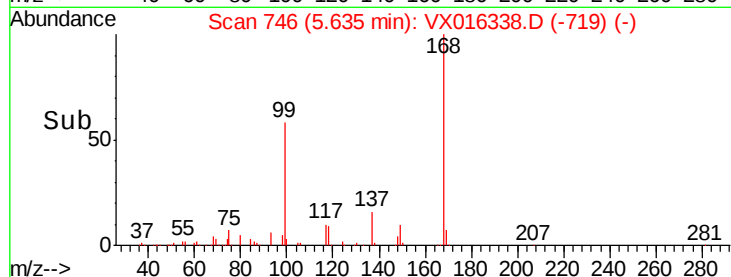
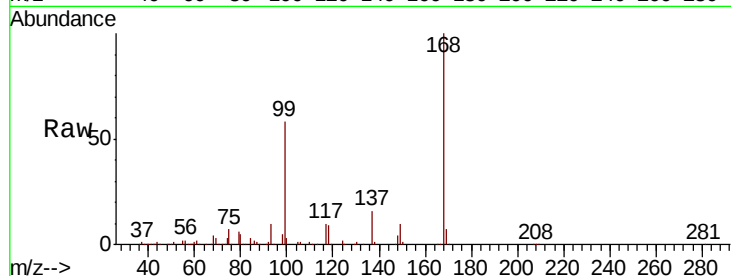
Tot Ion: 75 Resp: 17816

Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.1#

77 0.2 25.0 37.6#



#37

Ethyl Acetate

Concen: 18.205 ug/l

RT: 4.65 min Scan# 585

Delta R.T. -0.15 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

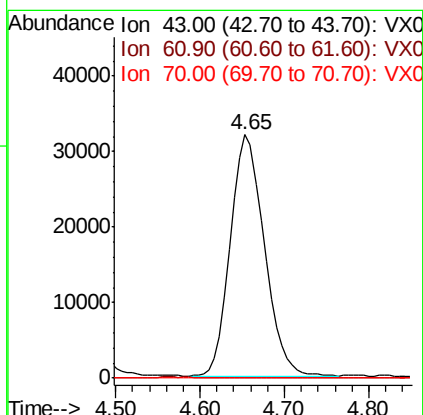
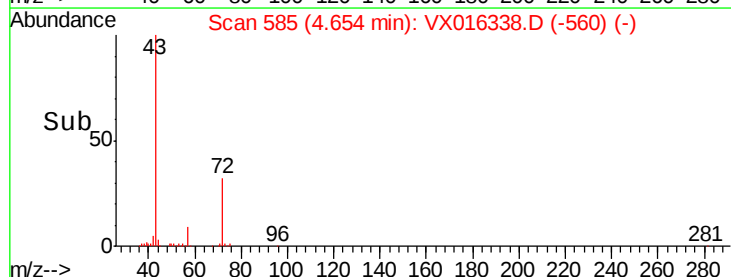
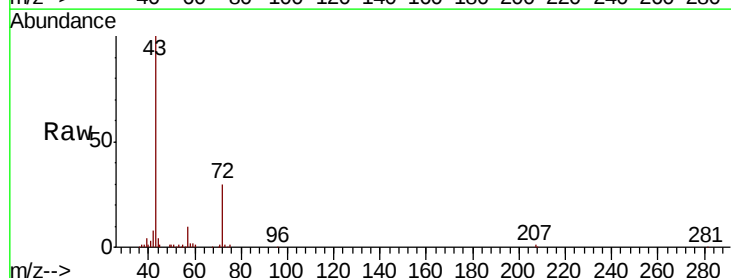
Tgt Ion: 43 Resp: 87204

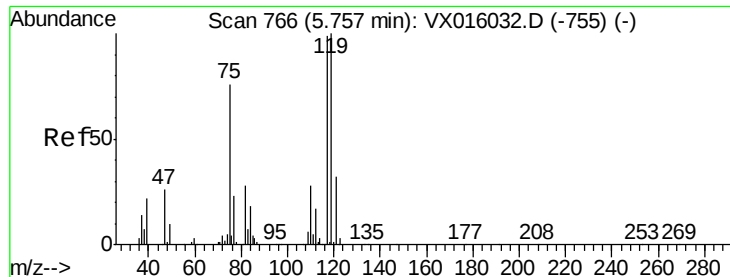
Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 0.1 9.3 13.9#

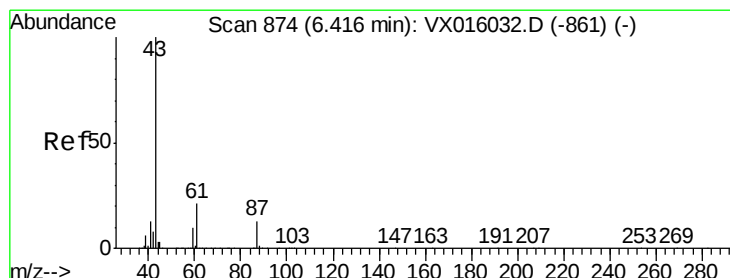
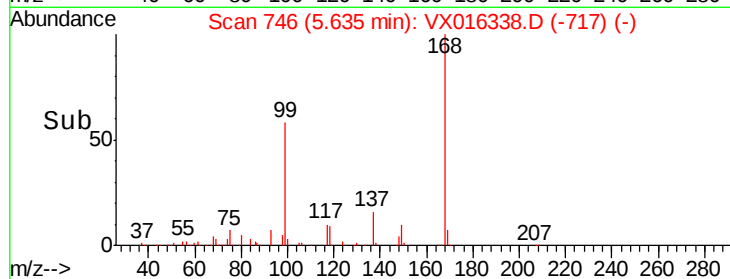
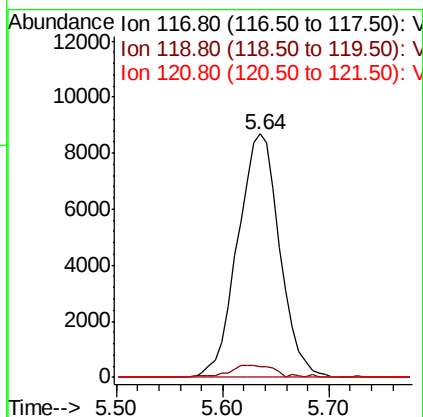
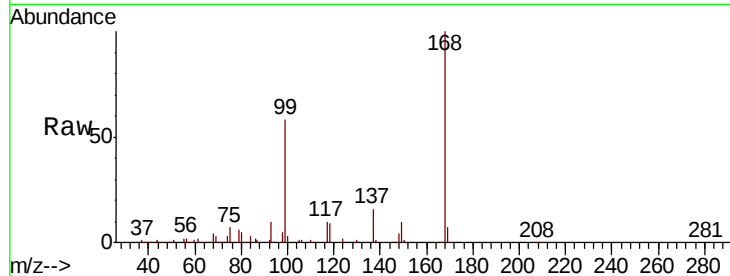




#38
Carbon Tetrachloride
Concen: 5.701 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016338.D
Acq: 19 May 2020 16:36

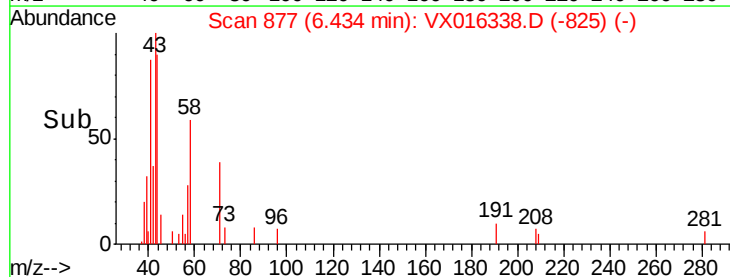
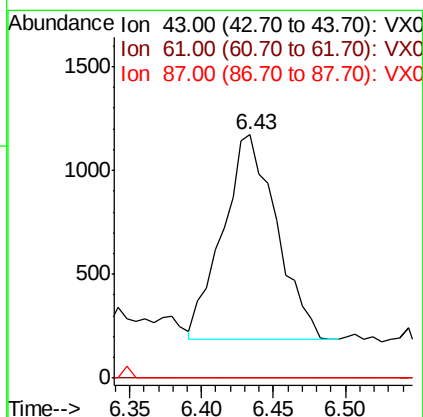
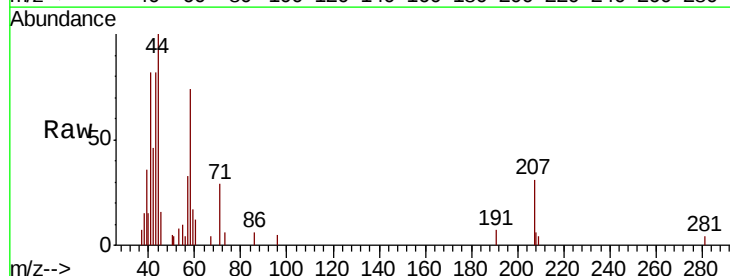
Instrument :
MSVOA_X
ClientSampleId :
102

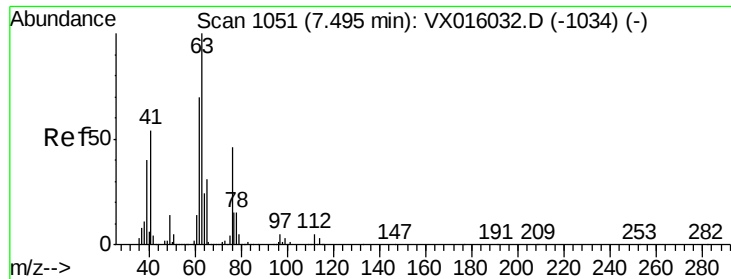
Tot Ion	Ratio	Lower	Upper
117	100		
119	4.4	80.3	120.5#
121	0.0	25.7	38.5#



#43
Isopropyl Acetate
Concen: 0.334 ug/l
RT: 6.43 min Scan# 877
Delta R.T. 0.02 min
Lab File: VX016338.D
Acq: 19 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.0	25.4#
87	0.0	11.0	16.6#





#45

1,2-Dichloropropane

Concen: 0.536 ug/l

RT: 7.60 min Scan# 1068

Delta R.T. 0.10 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

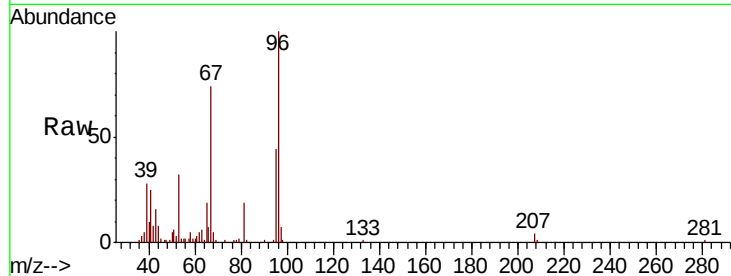
102

Tot Ion: 63 Resp: 1640

Ion Ratio Lower Upper

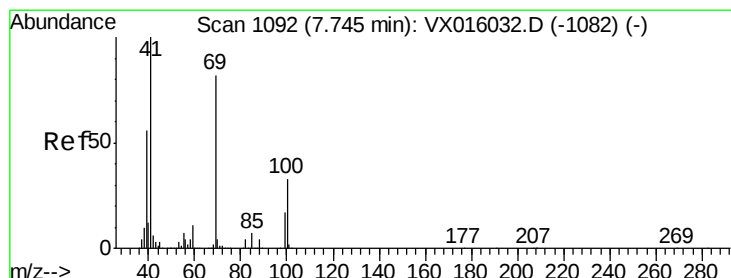
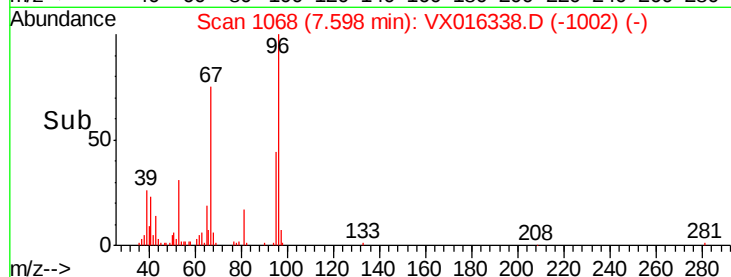
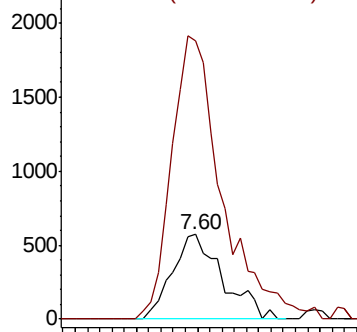
63 100

65 327.7 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#48

Methyl methacrylate

Concen: 0.400 ug/l

RT: 7.86 min Scan# 1111

Delta R.T. 0.12 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

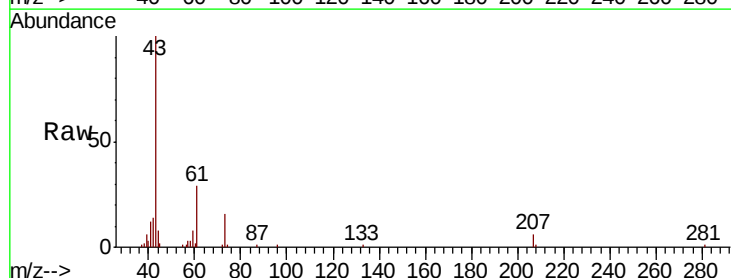
Tgt Ion: 41 Resp: 1447

Ion Ratio Lower Upper

41 100

69 0.0 67.8 101.6#

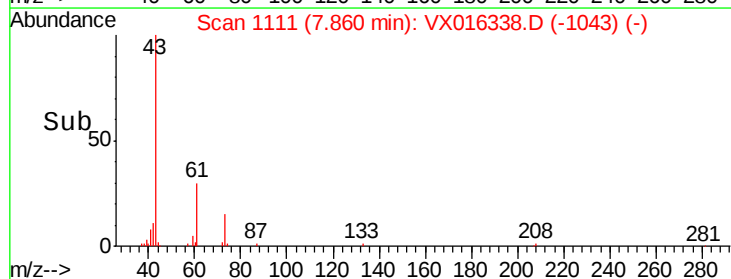
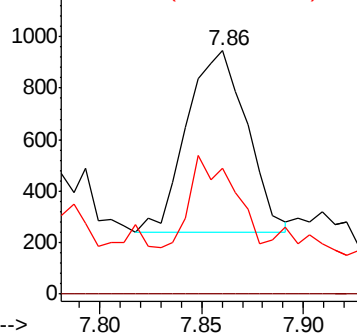
39 37.2 44.6 67.0#

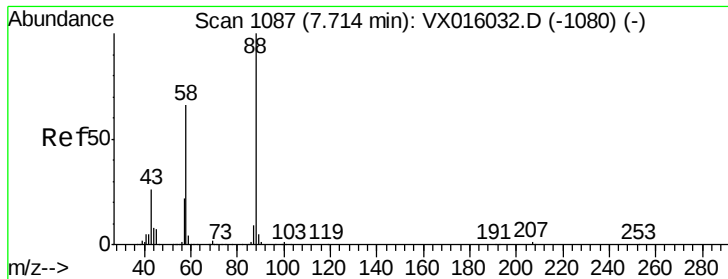


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

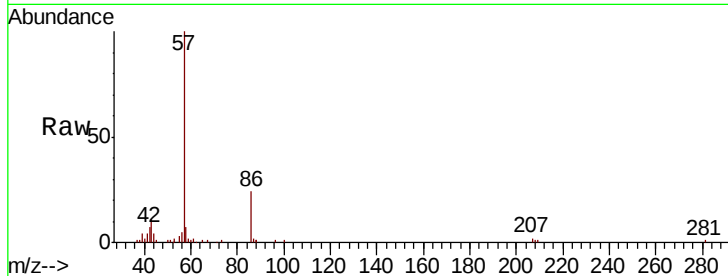




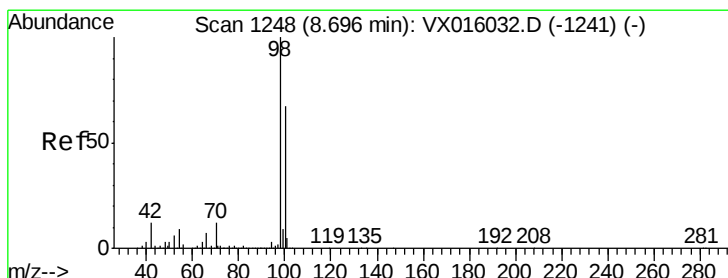
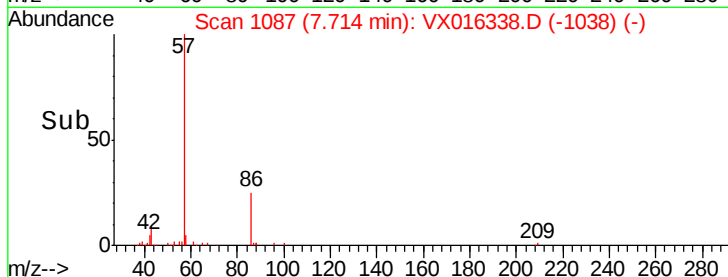
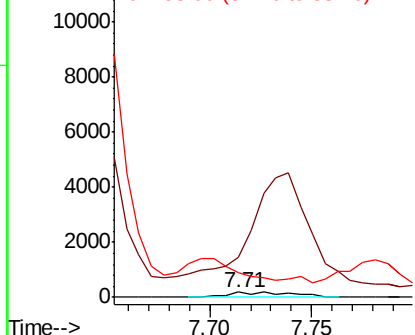
#49
 1,4-Dioxane
 Concen: 4.767 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016338.D
 Acq: 19 May 2020 16:36

Instrument :
 MSVOA_X
 ClientSampled :
 102

Tot Ion: 88 Resp: 414
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.3 37.9#
 58 775.4 55.9 83.9#

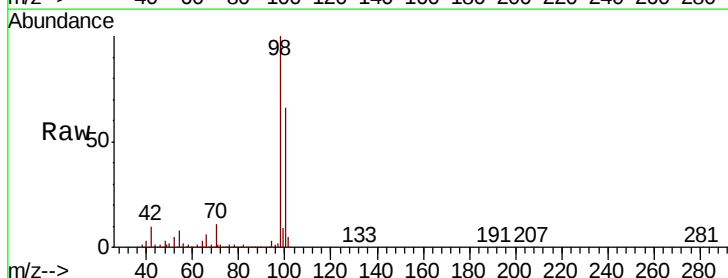


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

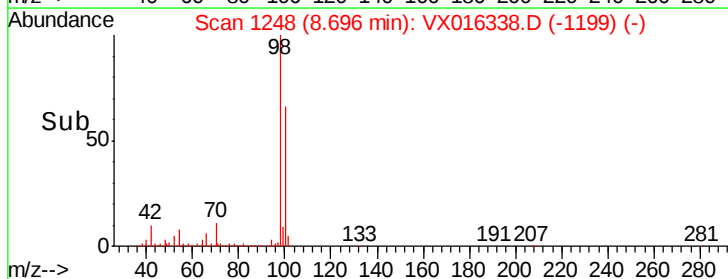
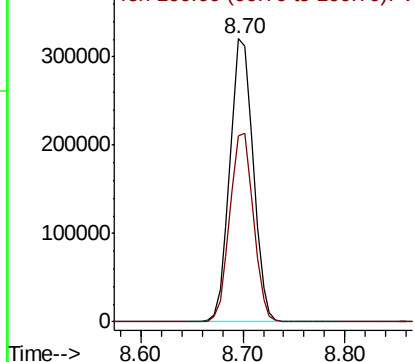


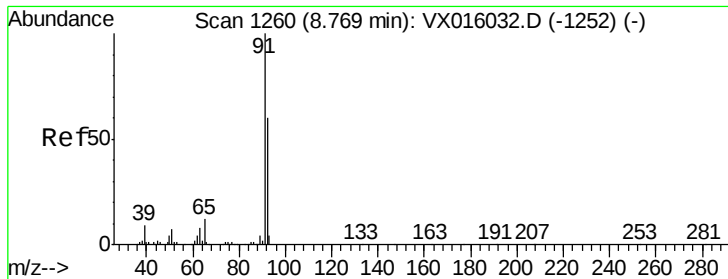
#50
 Toluene-d8
 Concen: 49.204 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016338.D
 Acq: 19 May 2020 16:36

Tgt Ion: 98 Resp: 504290
 Ion Ratio Lower Upper
 98 100
 100 67.4 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.388 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

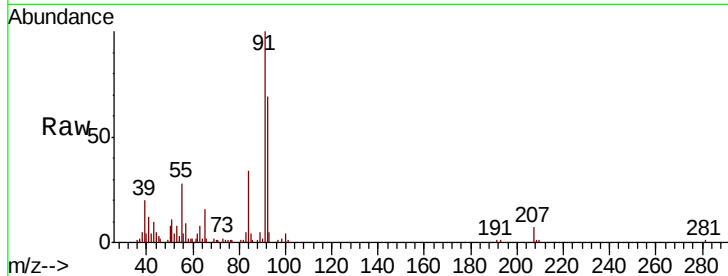
102

Tot Ion: 92 Resp: 10464

Ion Ratio Lower Upper

92 100

91 163.3 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

12000

10000

8000

6000

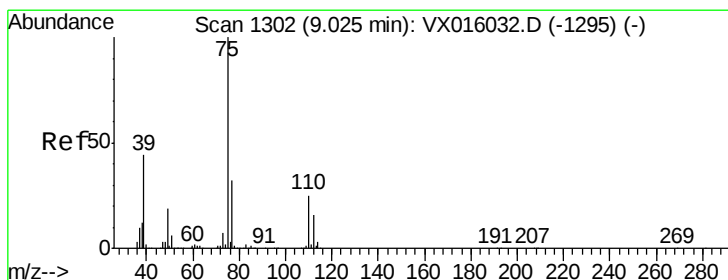
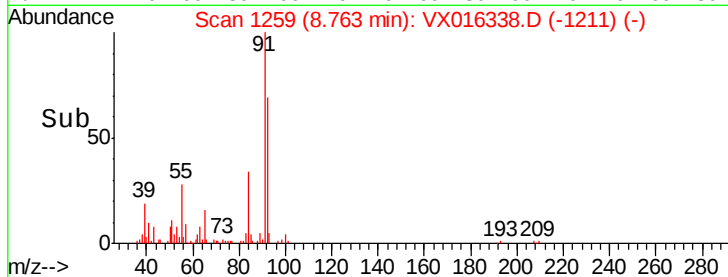
4000

2000

0

8.70 8.75 8.80 8.85

Time-->



#53

t-1,3-Dichloropropene

Concen: 26.103 ug/l

RT: 9.07 min Scan# 1310

Delta R.T. 0.05 min

Lab File: VX016338.D

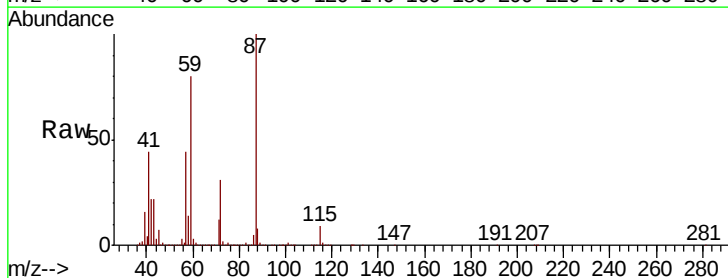
Acq: 19 May 2020 16:36

Tgt Ion: 75 Resp: 131805

Ion Ratio Lower Upper

75 100

77 1.0 25.7 38.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

60000

50000

40000

30000

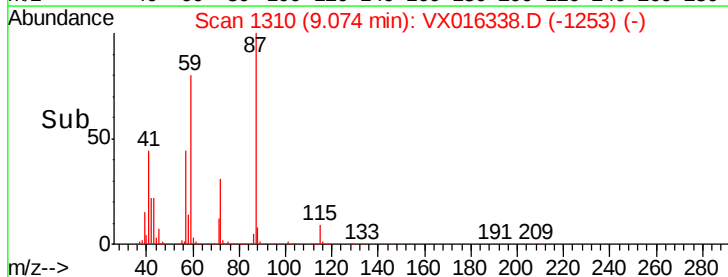
20000

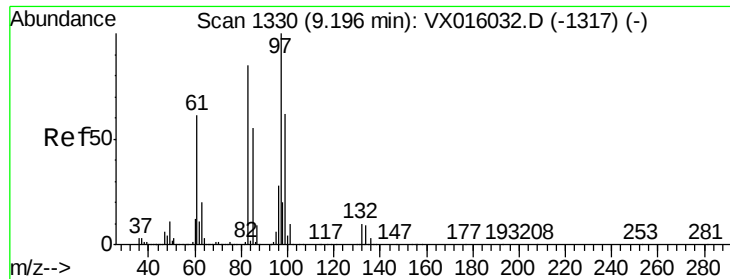
10000

0

8.95 9.00 9.05 9.10 9.15

Time-->

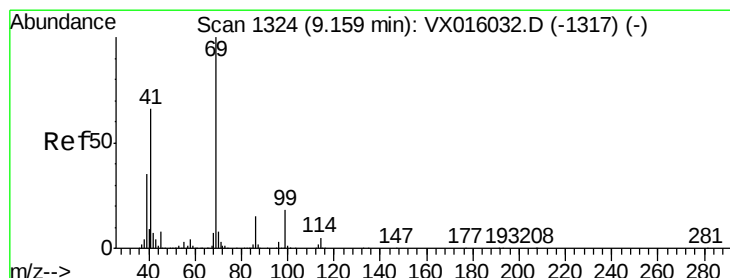
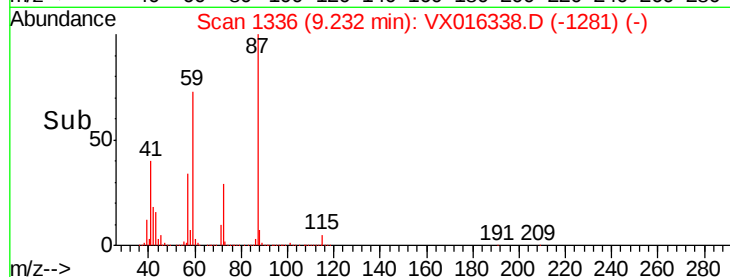
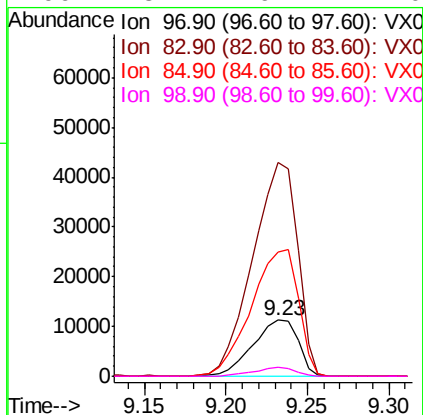
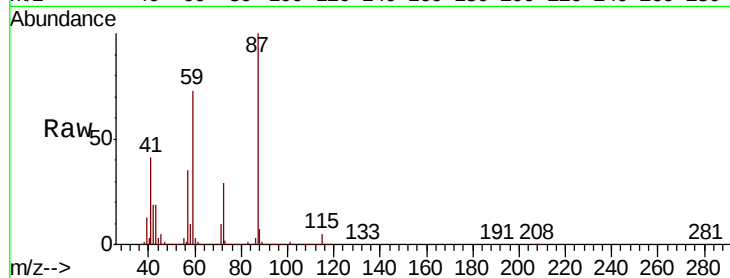




#55
 1,1,2-Trichloroethane
 Concen: 7.361 ug/l
 RT: 9.23 min Scan# 1336
 Delta R.T. 0.04 min
 Lab File: VX016338.D
 Acq: 19 May 2020 16:36

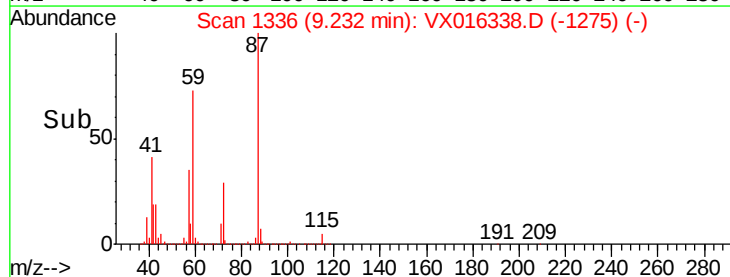
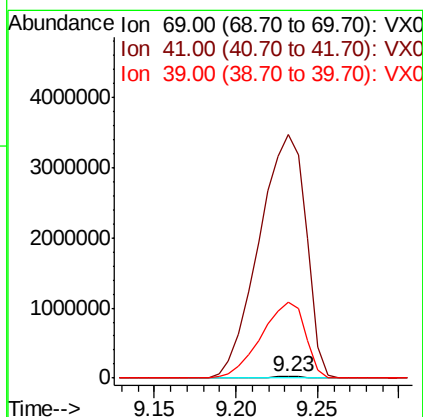
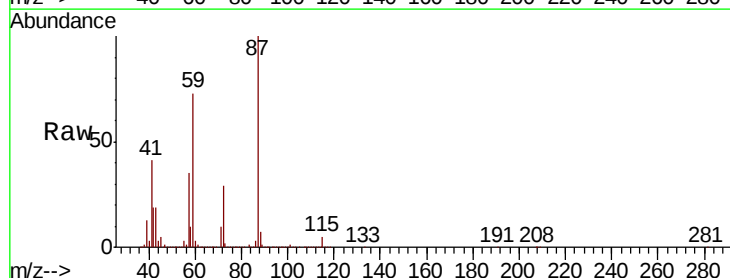
Instrument :
 MSVOA_X
 ClientSampleId :
 102

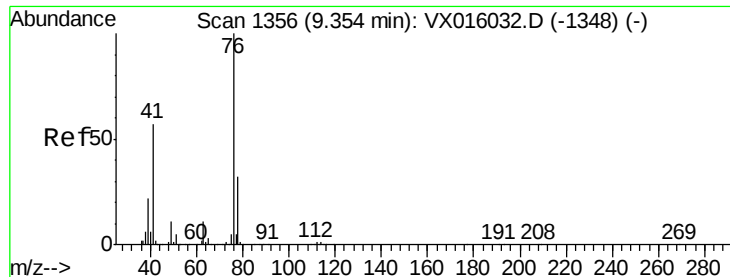
Tot Ion: 97 Resp: 21830
 Ion Ratio Lower Upper
 97 100
 83 383.0 67.8 101.8#
 85 222.6 43.8 65.8#
 99 15.1 49.4 74.0#



#56
 Ethyl methacrylate
 Concen: 8.558 ug/l
 RT: 9.23 min Scan# 1336
 Delta R.T. 0.07 min
 Lab File: VX016338.D
 Acq: 19 May 2020 16:36

Tgt Ion: 69 Resp: 41427
 Ion Ratio Lower Upper
 69 100
 41 16865.6 52.2 78.4#
 39 4910.4 28.2 42.4#





#57

1,3-Dichloropropane

Concen: 0.547 ug/l

RT: 9.24 min Scan# 1337

Delta R.T. -0.12 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :

MSVOA_X

ClientSampled :

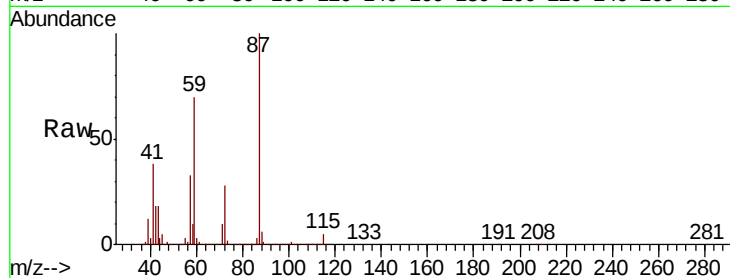
102

Tot Ion: 76 Resp: 2828

Ion Ratio Lower Upper

76 100

78 40.0 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.24

1500

1000

500

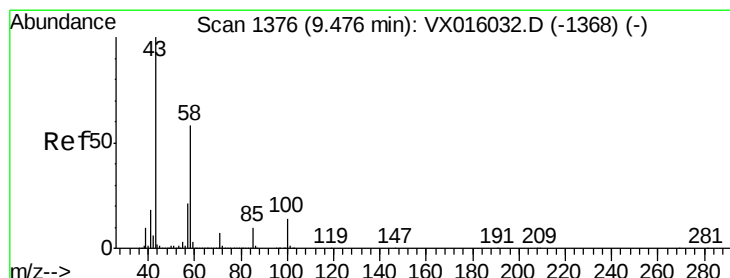
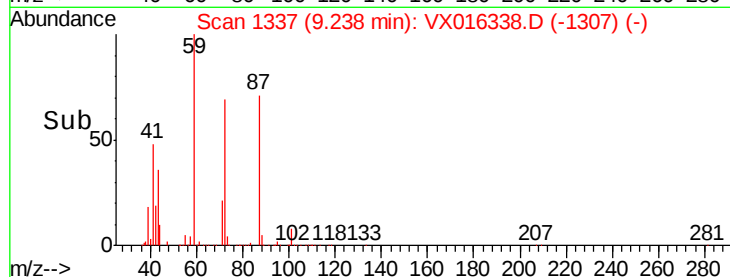
0

Time-->

9.15

9.20

9.25



#59

2-Hexanone

Concen: 836.044 ug/l

RT: 9.23 min Scan# 1336

Delta R.T. -0.24 min

Lab File: VX016338.D

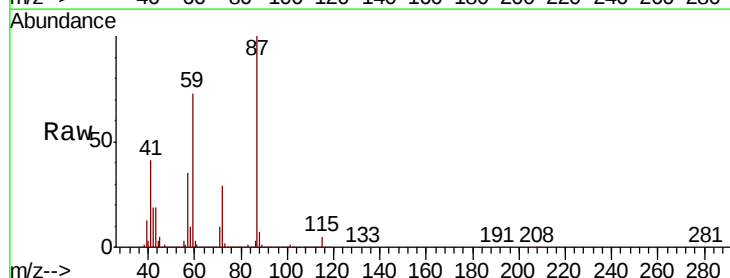
Acq: 19 May 2020 16:36

Tgt Ion: 43 Resp: 3070721

Ion Ratio Lower Upper

43 100

58 54.5 28.6 85.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.23

1500000

1000000

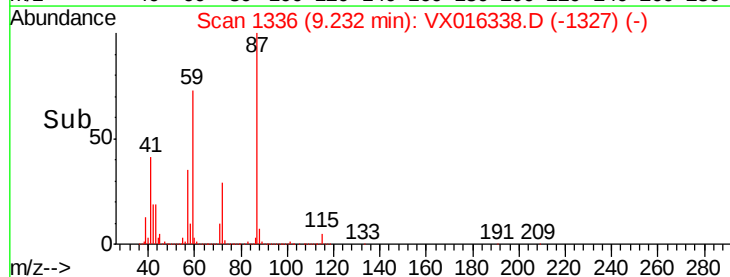
500000

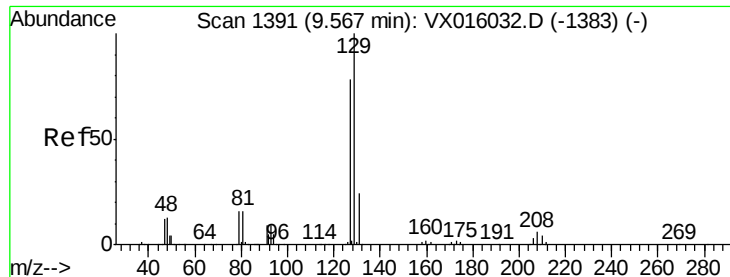
0

Time-->

9.20

9.25





#60

Dibromochloromethane

Concen: 1.400 ug/l

RT: 9.59 min Scan# 1395

Delta R.T. 0.02 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

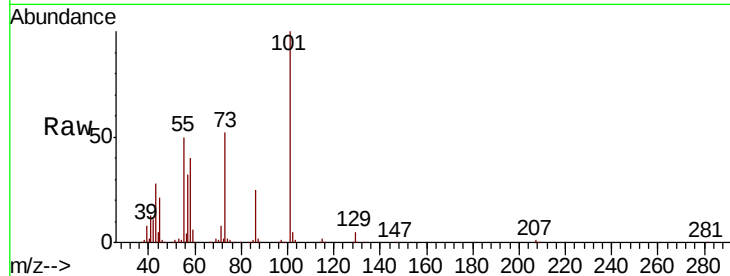
102

Tot Ion:129 Resp: 4572

Ion Ratio Lower Upper

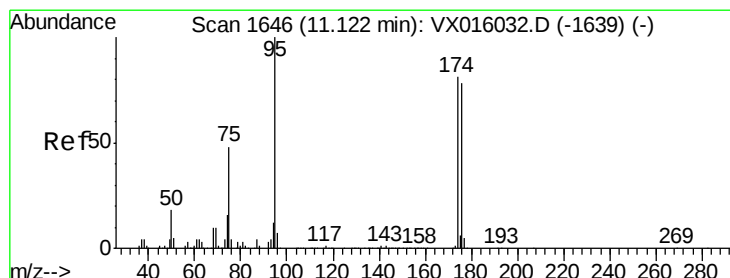
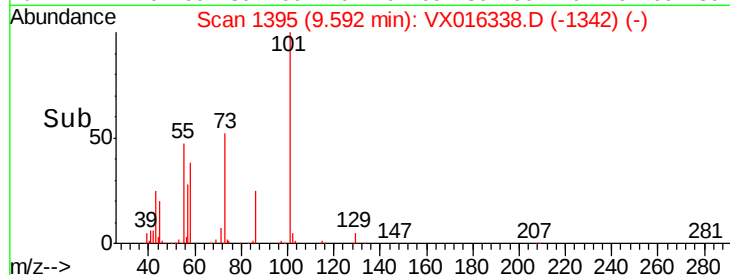
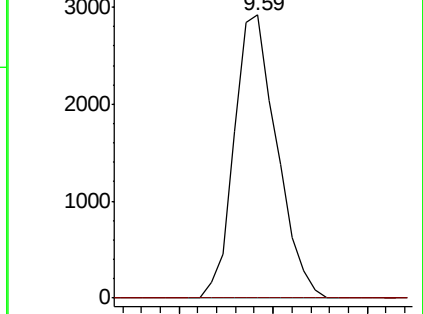
129 100

127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 50.507 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

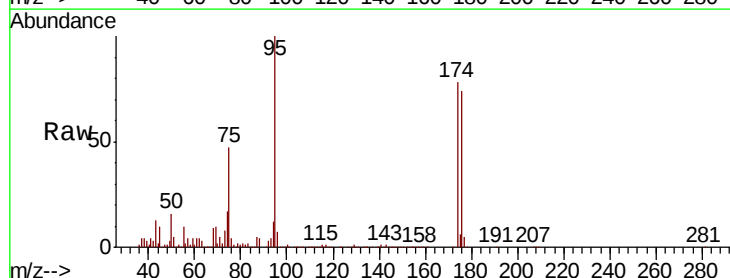
Tgt Ion: 95 Resp: 196888

Ion Ratio Lower Upper

95 100

174 79.2 0.0 159.4

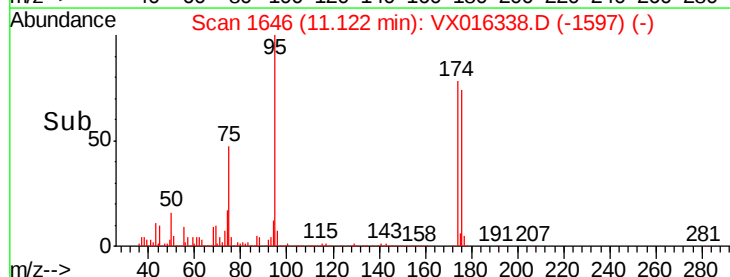
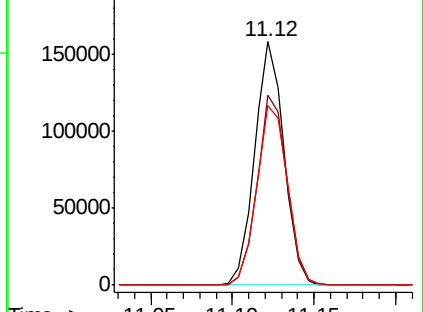
176 77.5 0.0 157.6

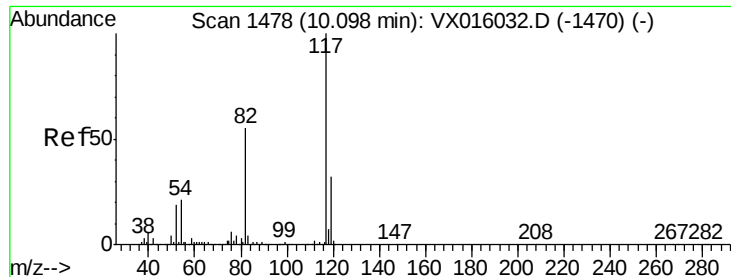


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

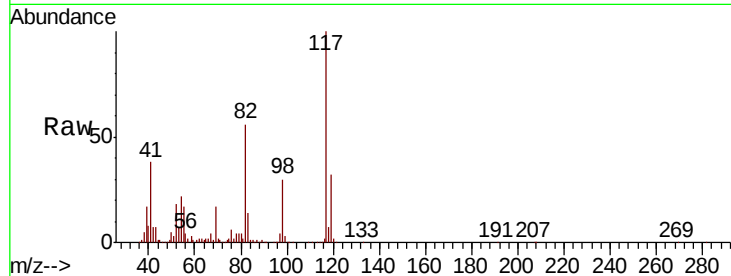




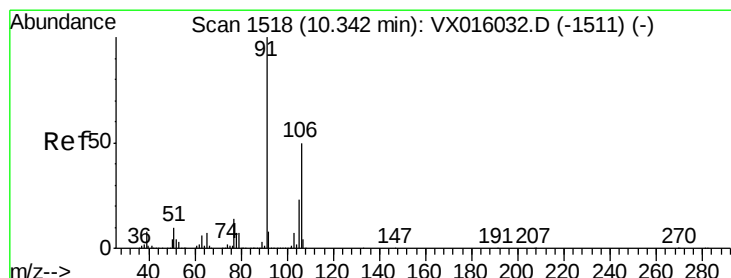
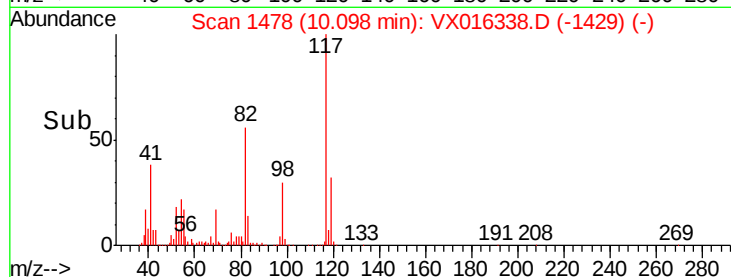
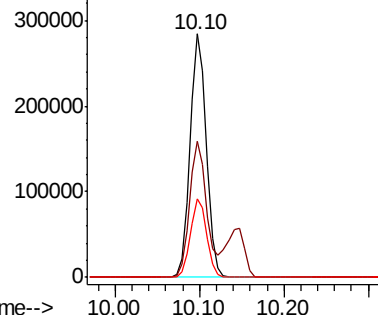
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016338.D
Acq: 19 May 2020 16:36

Instrument :
MSVOA_X
ClientSampled :
102

Tot Ion:117 Resp: 379353
Ion Ratio Lower Upper
117 100
82 56.1 44.4 66.6
119 32.1 25.5 38.3

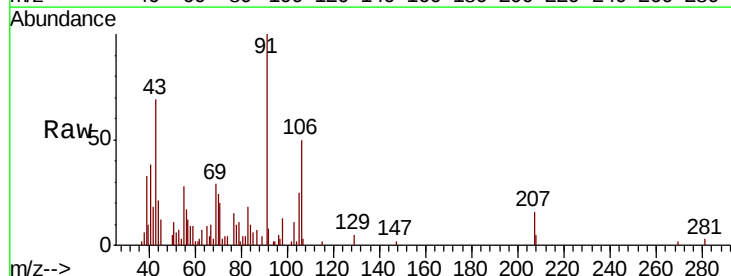


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

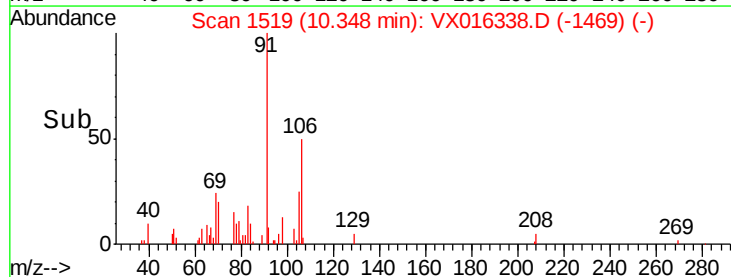
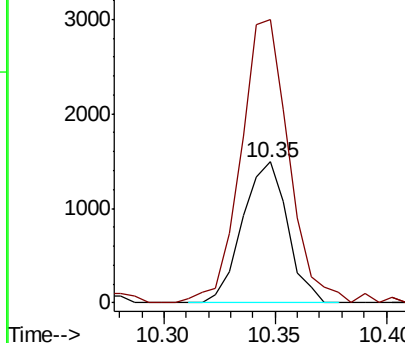


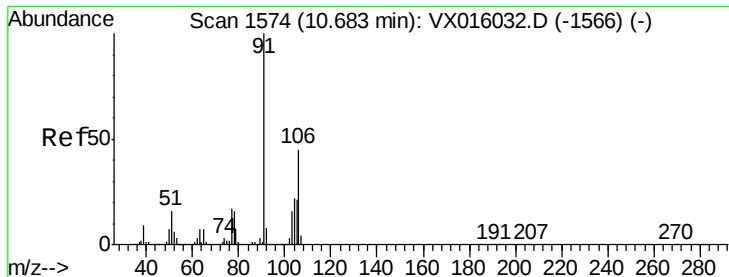
#68
m/p-Xylenes
Concen: 0.395 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX016338.D
Acq: 19 May 2020 16:36

Tgt Ion:106 Resp: 2098
Ion Ratio Lower Upper
106 100
91 213.6 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#69

o-Xylene

Concen: 0.238 ug/l

RT: 10.69 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :

MSVOA_X

ClientSampled :

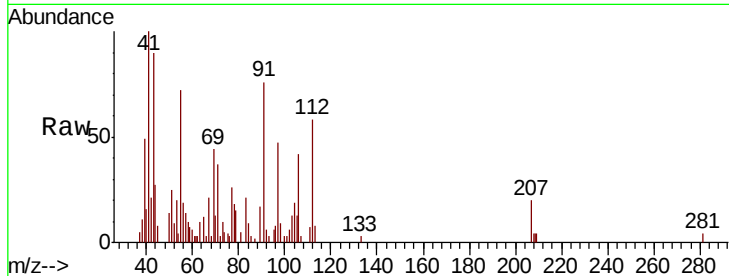
102

Tot Ion:106 Resp: 1215

Ion Ratio Lower Upper

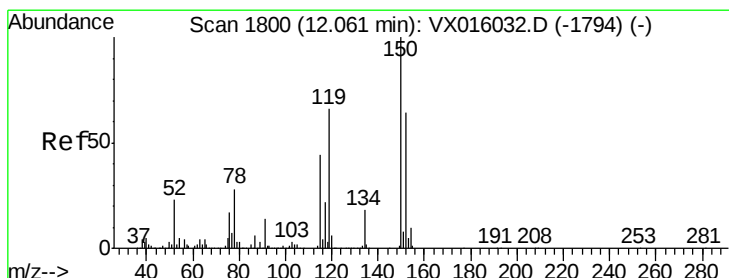
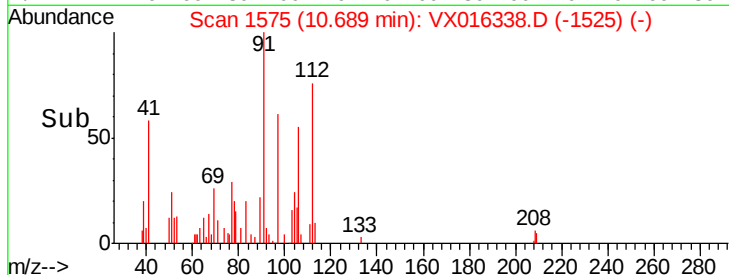
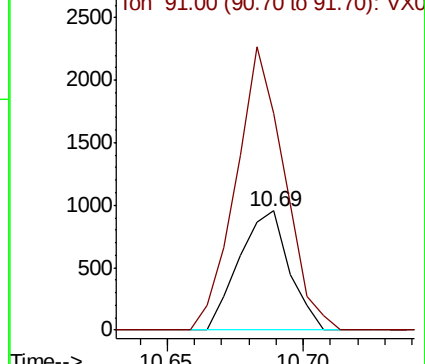
106 100

91 230.5 107.5 322.6



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: VX016338.D

Acq: 19 May 2020 16:36

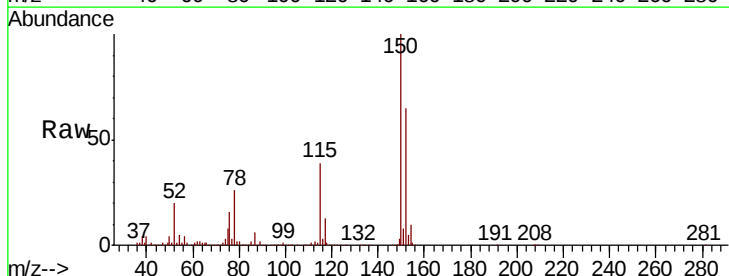
Tgt Ion:152 Resp: 201289

Ion Ratio Lower Upper

152 100

115 59.3 41.3 124.1

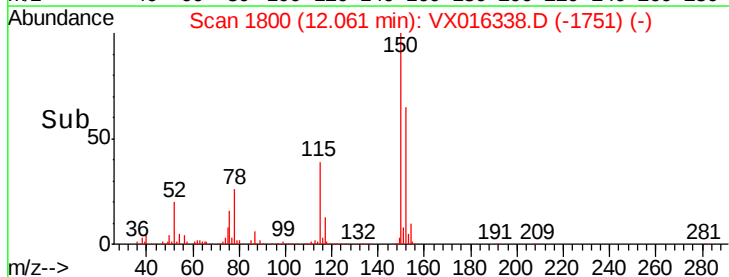
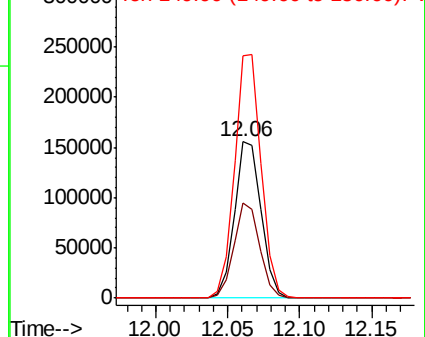
150 155.8 0.0 352.2

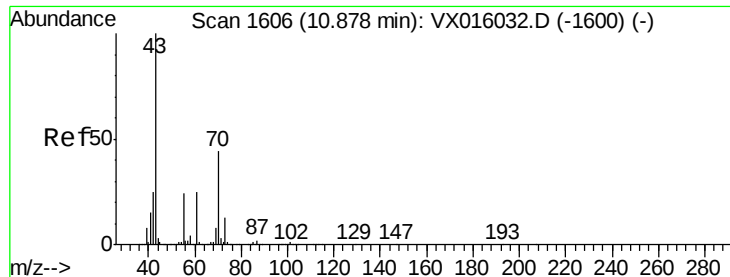


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.186 ug/l

RT: 10.86 min Scan# 1603

Delta R.T. -0.02 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

102

Tot Ion: 43 Resp: 8102

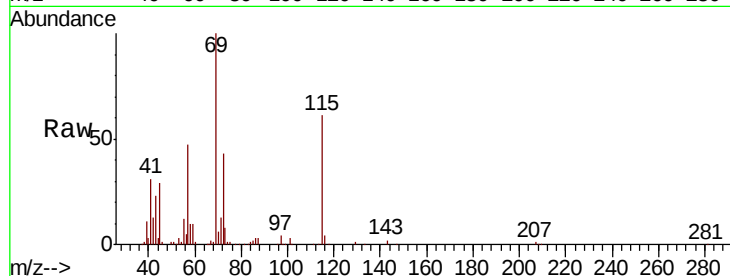
Ion Ratio Lower Upper

43 100

70 31.5 36.5 54.7#

55 45.4 19.7 29.5#

61 0.0 20.9 31.3#

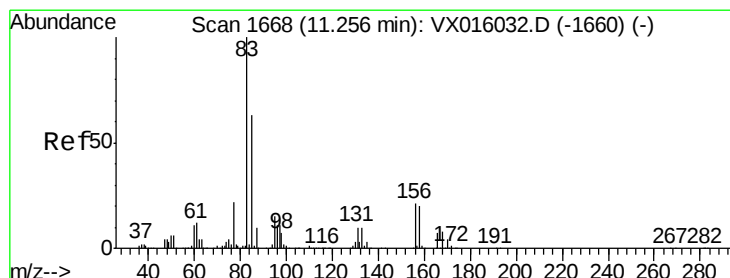
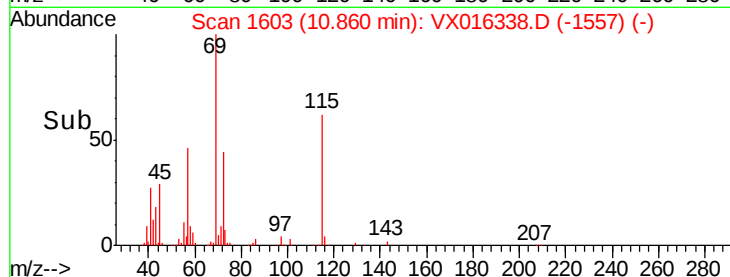
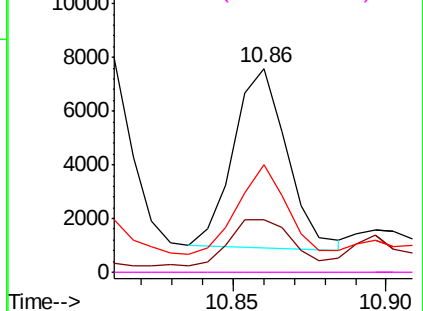


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 16.445 ug/l

RT: 11.19 min Scan# 1657

Delta R.T. -0.07 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

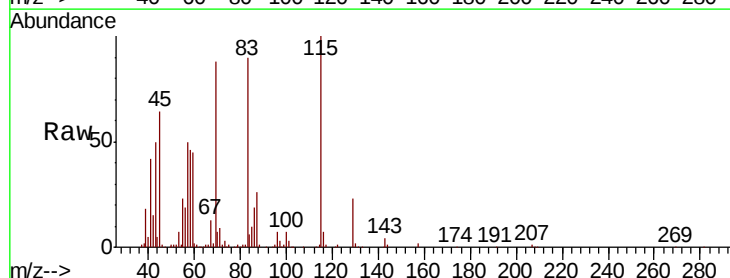
Tgt Ion: 83 Resp: 40412

Ion Ratio Lower Upper

83 100

131 0.1 5.1 15.4#

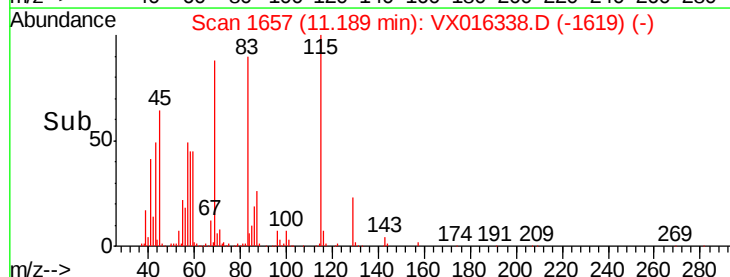
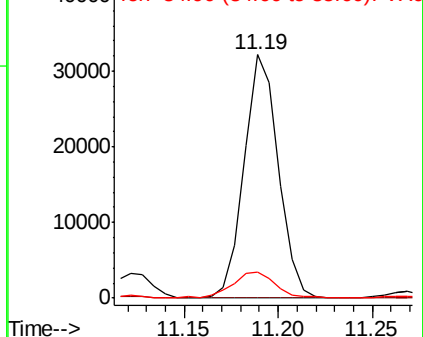
85 13.7 32.0 96.0#

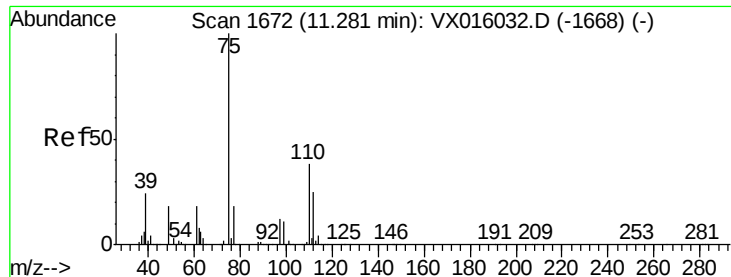


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 20.255 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

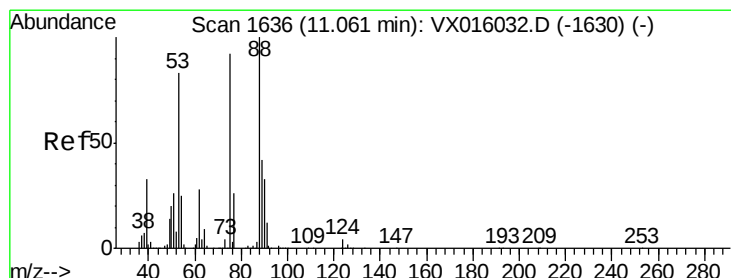
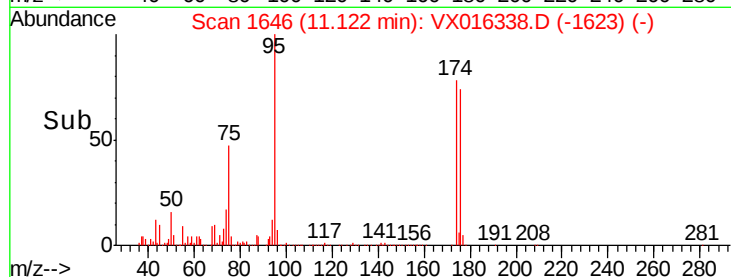
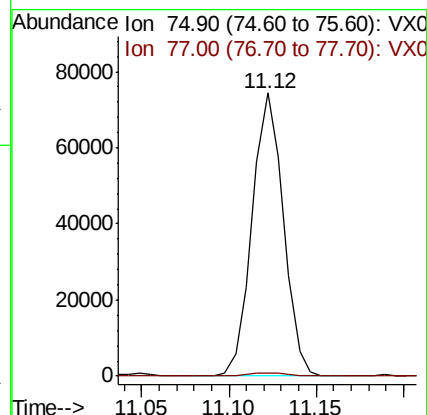
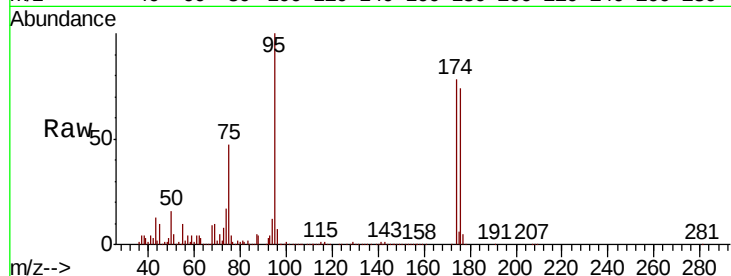
102

Tot Ion: 75 Resp: 92517

Ion Ratio Lower Upper

75 100

77 1.6 21.2 63.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 48.268 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

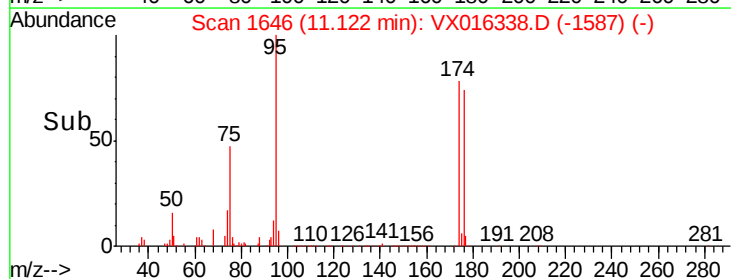
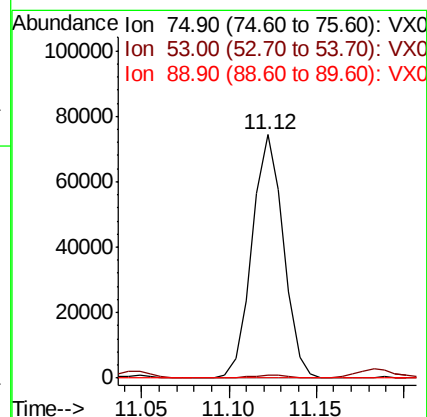
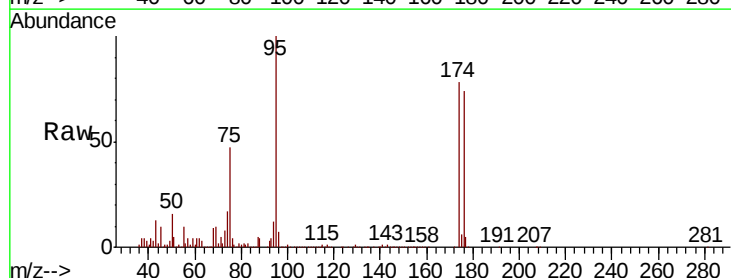
Tgt Ion: 75 Resp: 92517

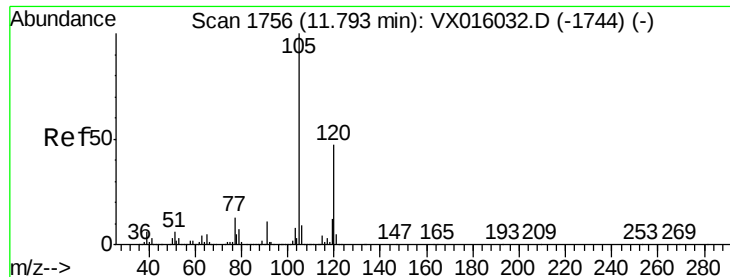
Ion Ratio Lower Upper

75 100

53 1.1 73.1 109.7#

89 0.0 36.7 55.1#





#84

1,2,4-Trimethylbenzene

Concen: 0.576 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

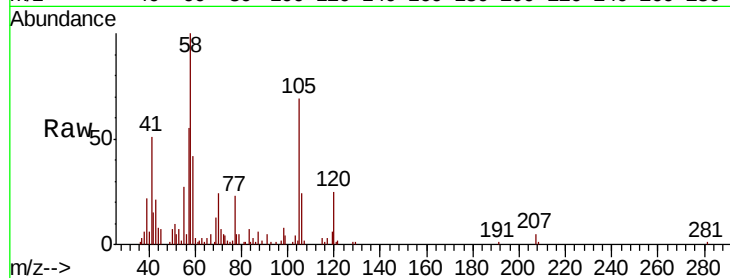
102

Tot Ion:105 Resp: 7199

Ion Ratio Lower Upper

105 100

120 35.2 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

6000

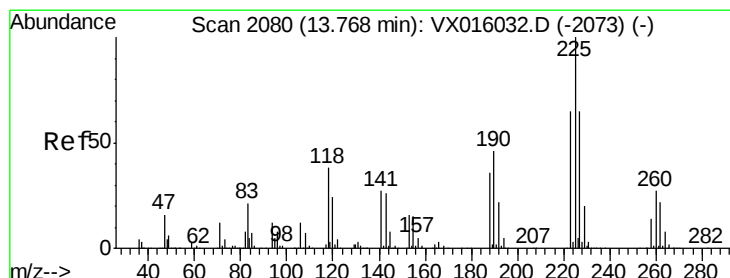
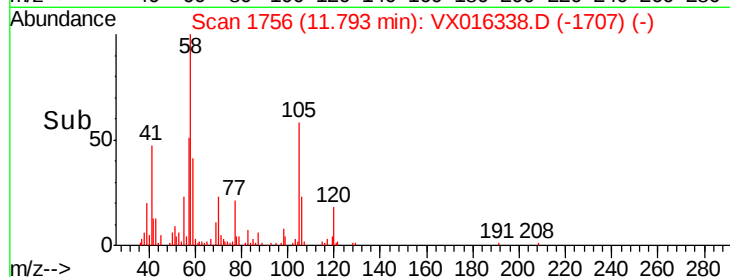
4000

2000

0

Time-->

11.75 11.80 11.85



#94

Hexachlorobutadiene

Concen: 0.543 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

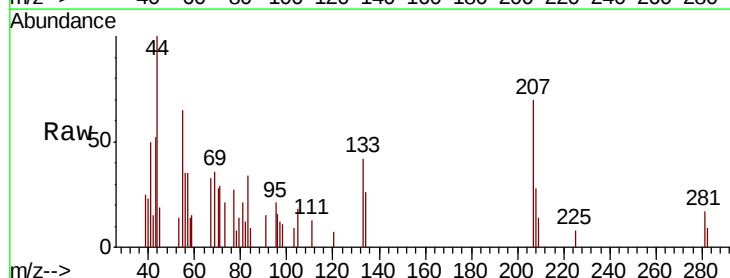
Tgt Ion:225 Resp: 40

Ion Ratio Lower Upper

225 100

223 0.0 32.3 96.9#

227 0.0 31.8 95.4#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

80

60

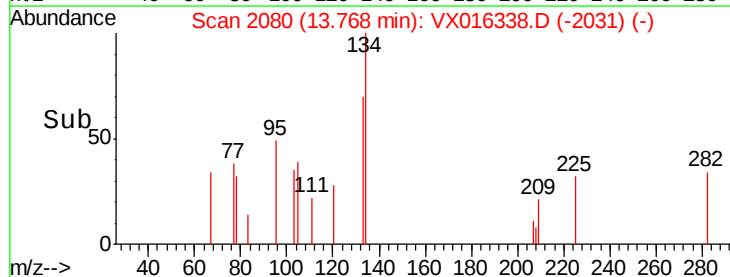
40

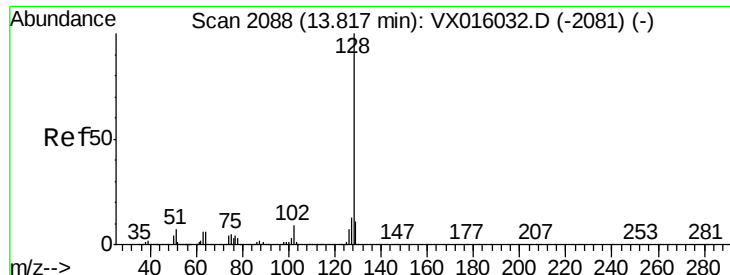
20

0

Time-->

13.74 13.76 13.78





#95
Naphthalene
Concen: 0.685 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016338.D
Acq: 19 May 2020 16:36

Instrument :
MSVOA_X
ClientSampleId :
102

Tot Ion:128 Resp: 10722
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.3 8.7 13.1

