

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030220\
 Data File : VN060305.D
 Acq On : 2 Mar 2020 12:48
 Operator : JC/MD
 Sample : PB127166TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 03 05:45:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	204644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	331327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	308313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144951	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	129278	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
35) Dibromofluoromethane	7.57	113	90814	59.05	ug/l	0.00
Spiked Amount			Recovery	=	118.10%	
50) Toluene-d8	10.08	98	405791	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.40	95	151479	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	796	0.244	ug/l	89
12) 1,1-Dichloroethene	3.71	96	32	Below Cal	#	1
16) Acetone	3.79	43	7218	8.513	ug/l	94
17) Carbon Disulfide	4.03	76	1128	Below Cal	#	75
18) Methyl Acetate	4.29	43	2324	0.821	ug/l #	60
20) Methylene Chloride	4.53	84	2647	1.137	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	170	Below Cal	#	1
25) 2-Butanone	6.81	43	1454	1.062	ug/l #	49
29) Tetrahydrofuran	7.20	42	455	0.478	ug/l #	33
31) Cyclohexane	7.64	56	4444	Below Cal	#	1
36) 1,1-Dichloropropene	7.64	75	15952	5.052	ug/l #	49
37) Ethyl Acetate	6.81	43	1454	0.486	ug/l #	68
38) Carbon Tetrachloride	7.64	117	19557	6.361	ug/l #	16
43) Isopropyl Acetate	8.14	43	73862	14.111	ug/l #	90
45) 1,2-Dichloropropane	9.25	63	1406	0.585	ug/l #	44
48) Methyl methacrylate	9.16	41	3638	1.524	ug/l #	13
49) 1,4-Dioxane	9.24	88	29	0.864	ug/l #	1
51) 4-Methyl-2-Pentanone	9.97	43	5706	1.923	ug/l	91
54) cis-1,3-Dichloropropene	9.89	75	31384	7.795	ug/l #	60
56) Ethyl methacrylate	10.53	69	729	0.219	ug/l #	1
57) 1,3-Dichloropropane	10.75	76	5226	1.380	ug/l #	42
59) 2-Hexanone	10.75	43	77643	35.632	ug/l #	52
74) N-ethyl acetate	12.02	43	3704	0.789	ug/l #	44
76) 1,2,3-Trichloropropane	12.40	75	78681	24.741	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4653	0.514	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	78681	68.296	ug/l #	8
88) 1,4-Dichlorobenzene	13.28	146	997	Below Cal		94
89) n-Butylbenzene	13.61	91	1886	0.212	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.27	75	563	0.851	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	1552	0.617	ug/l	93
94) Hexachlorobutadiene	15.00	225	482	Below Cal	#	69
95) Naphthalene	15.13	128	4903	0.298	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	1555	0.382	ug/l	84

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QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

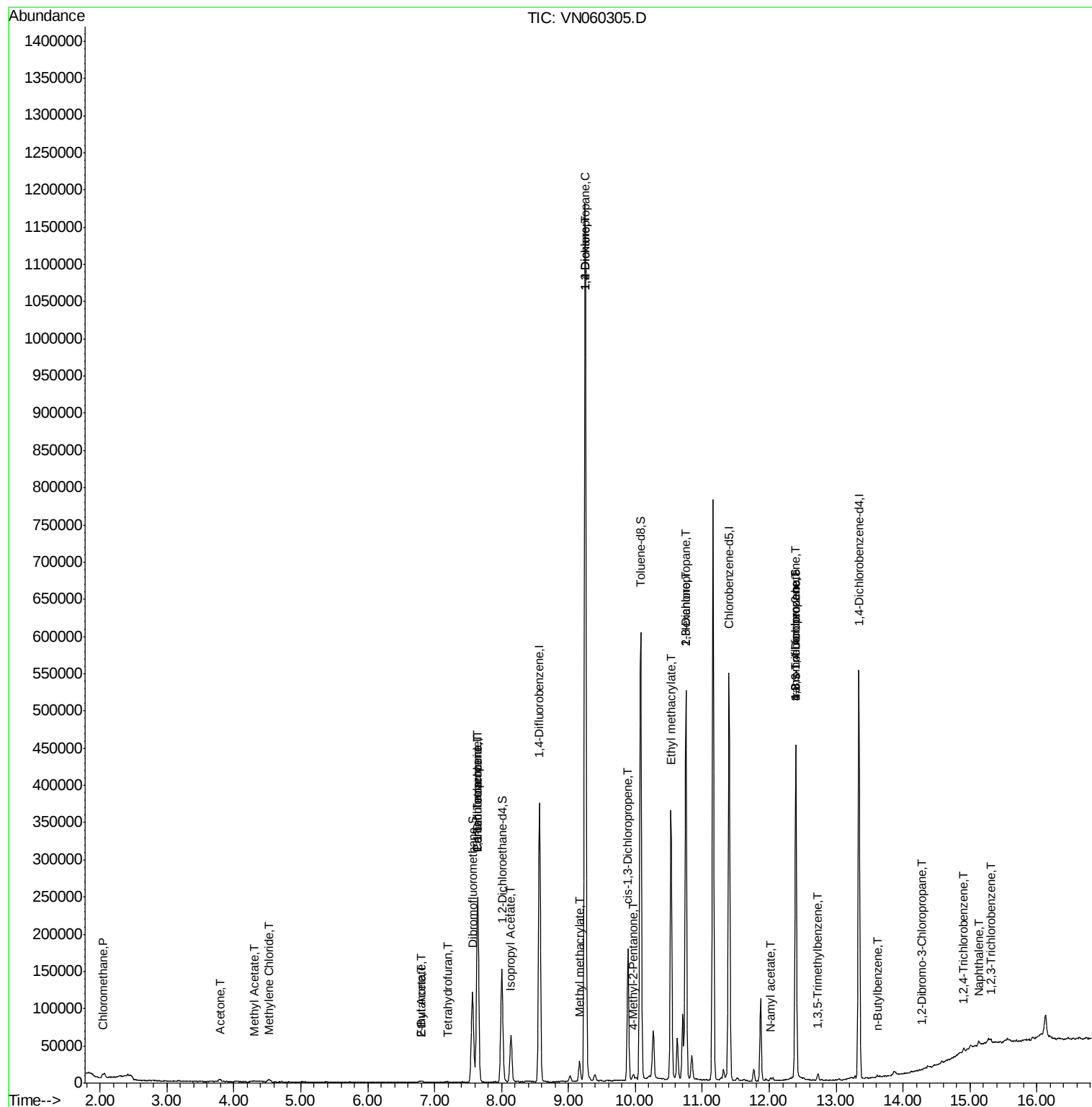
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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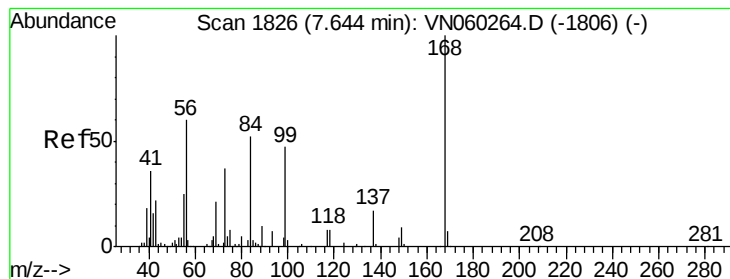
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN030220\
Data File : VN060305.D
Acq On : 2 Mar 2020 12:48
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :

MSVOA_N

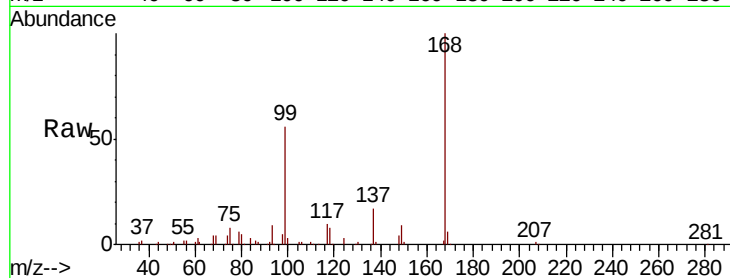
ClientSampled :

Tot Ion:168 Resp: 204644

Ion Ratio Lower Upper

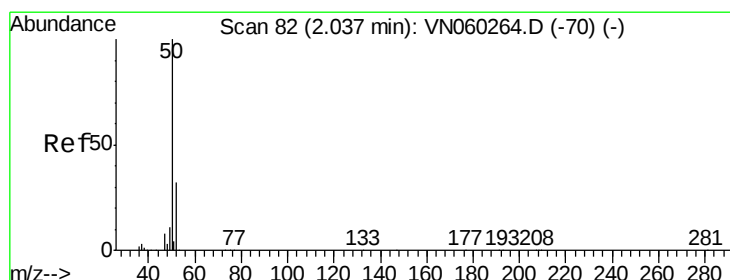
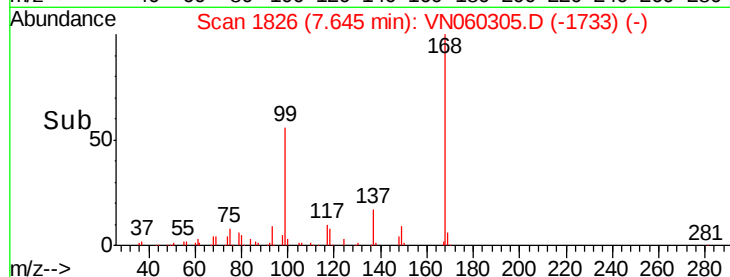
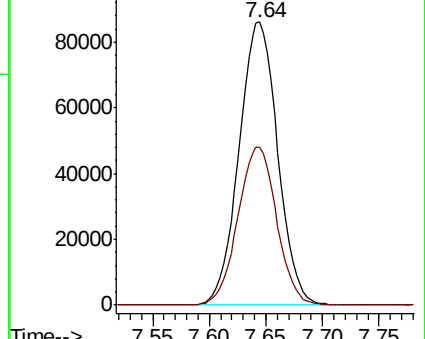
168 100

99 55.8 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.244 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN060305.D

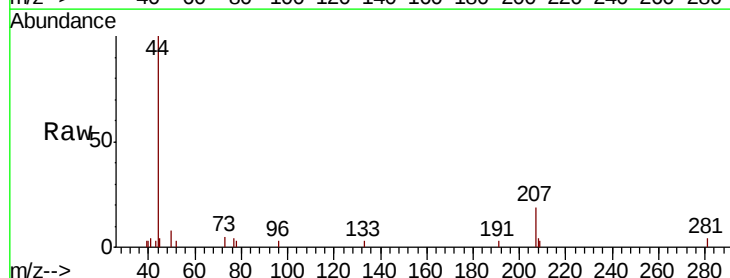
Acq: 2 Mar 2020 12:48

Tgt Ion: 50 Resp: 796

Ion Ratio Lower Upper

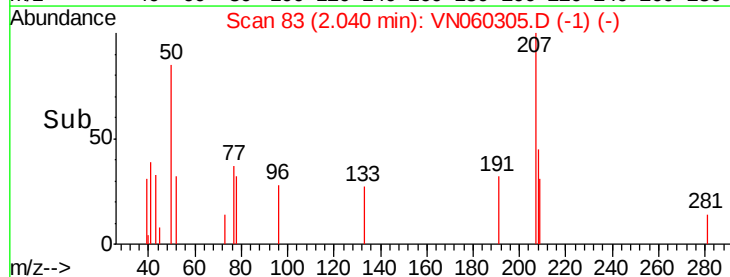
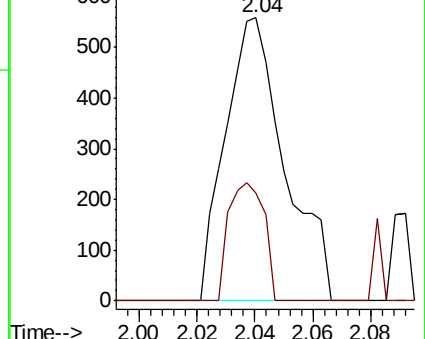
50 100

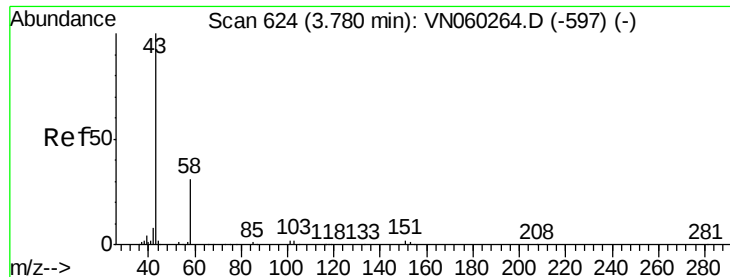
52 38.2 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#16

Acetone

Concen: 8.513 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :

MSVOA_N

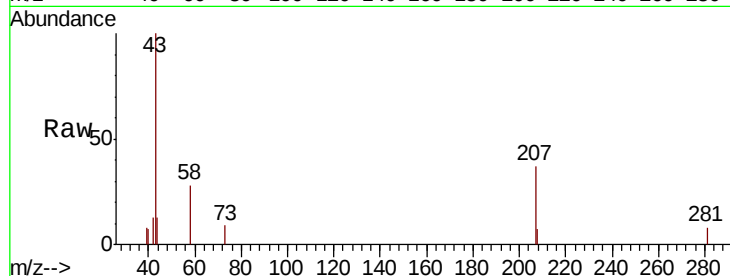
ClientSampled :

Tot Ion: 43 Resp: 7218

Ion Ratio Lower Upper

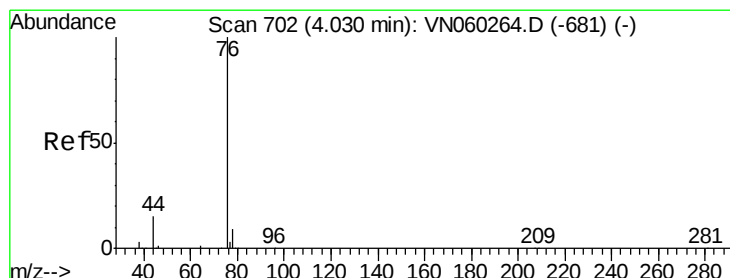
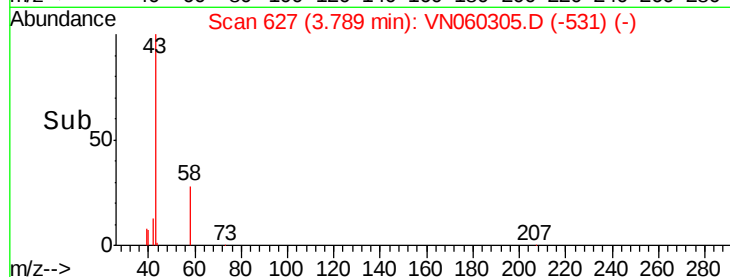
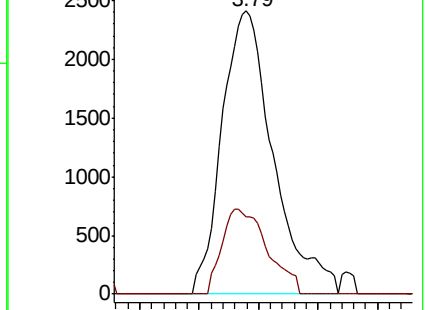
43 100

58 27.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-597) (-)



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060305.D

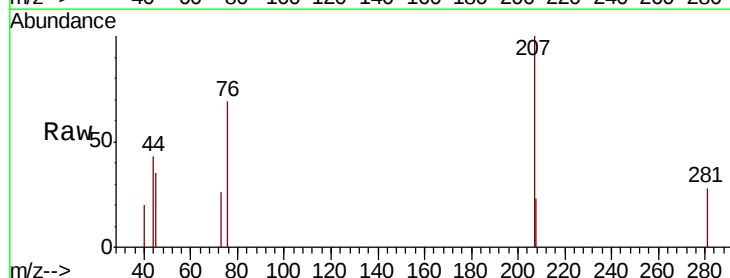
Acq: 2 Mar 2020 12:48

Tgt Ion: 76 Resp: 1128

Ion Ratio Lower Upper

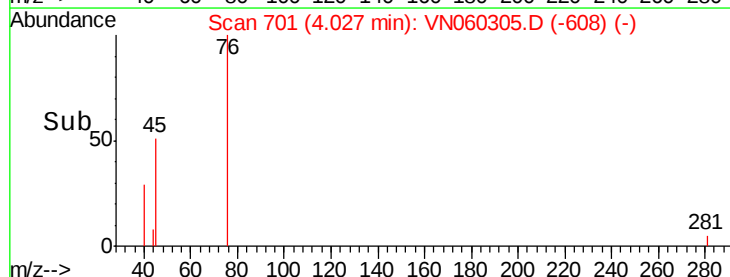
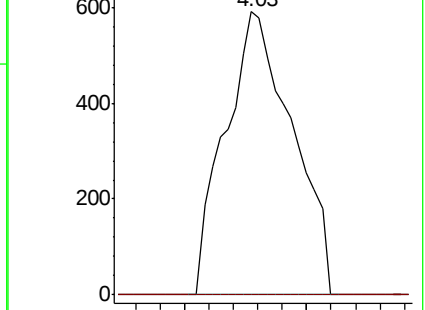
76 100

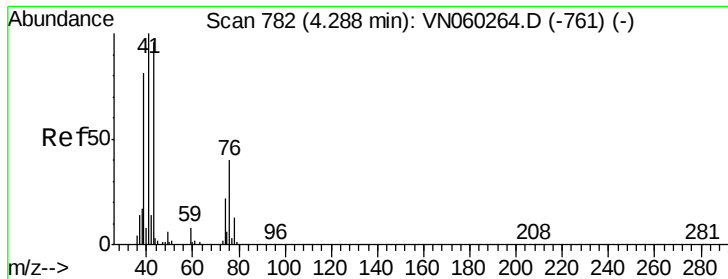
78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN060264.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN060264.D (-681) (-)

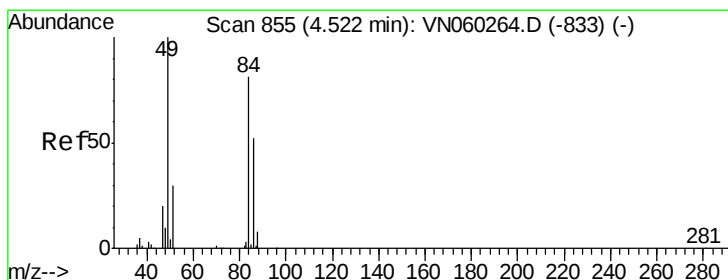
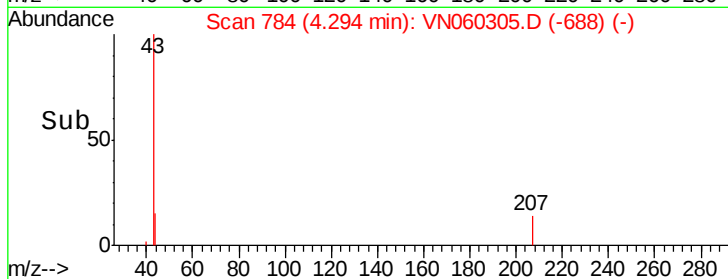
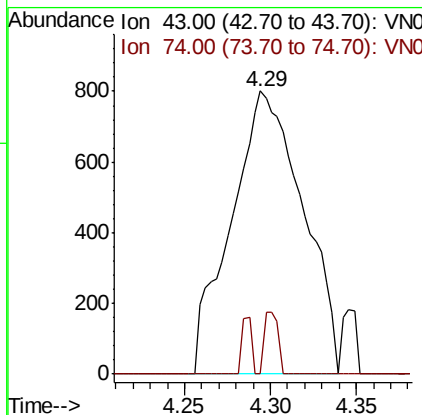
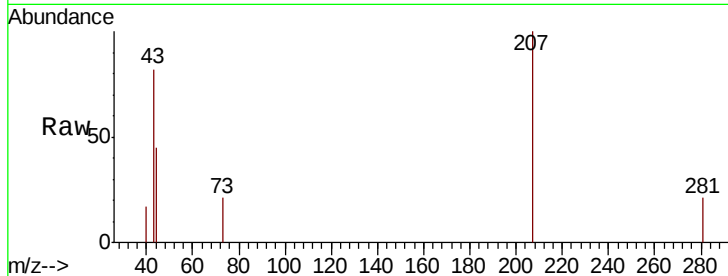




#18
Methyl Acetate
Concen: 0.821 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.01 min
Lab File: VN060305.D
Acq: 2 Mar 2020 12:48

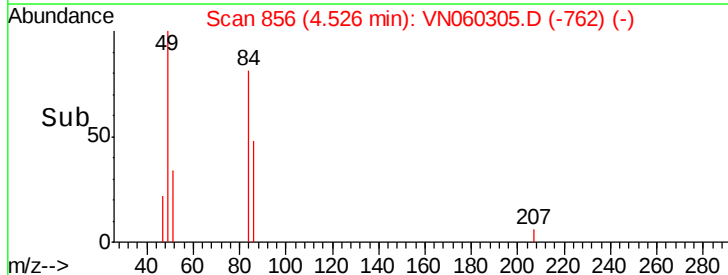
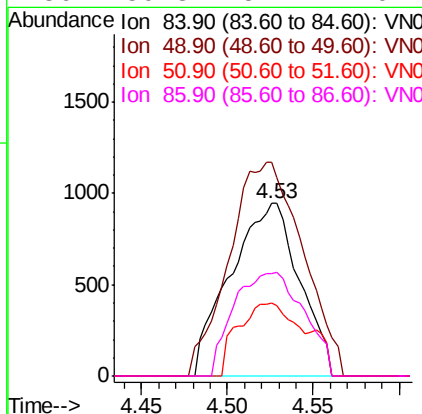
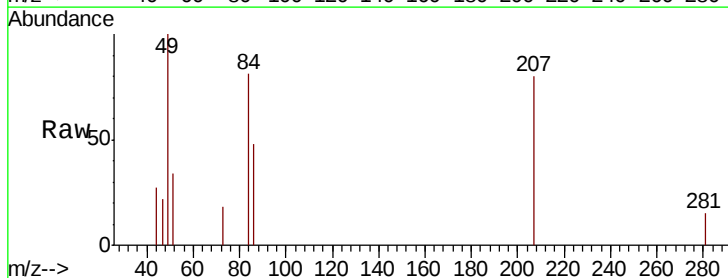
Instrument :
MSVOA_N
ClientSampled :

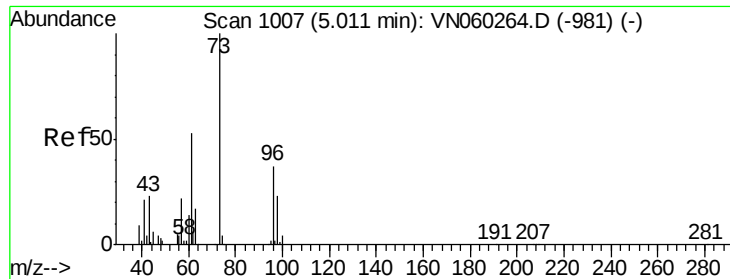
Tot Ion: 43 Resp: 2324
Ion Ratio Lower Upper
43 100
74 4.2 18.8 28.2#



#20
Methylene Chloride
Concen: 1.137 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060305.D
Acq: 2 Mar 2020 12:48

Tgt Ion: 84 Resp: 2647
Ion Ratio Lower Upper
84 100
49 123.7 99.3 148.9
51 42.2 30.1 45.1
86 59.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :

MSVOA_N

ClientSampled :

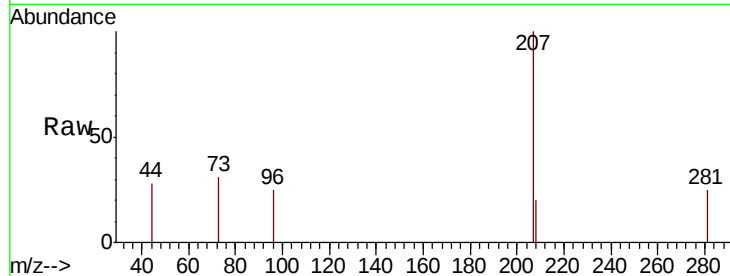
Tot Ion: 96 Resp: 170

Ion Ratio Lower Upper

96 100

61 0.0 113.8 170.8#

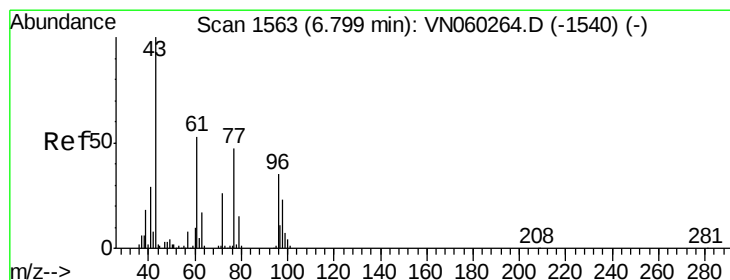
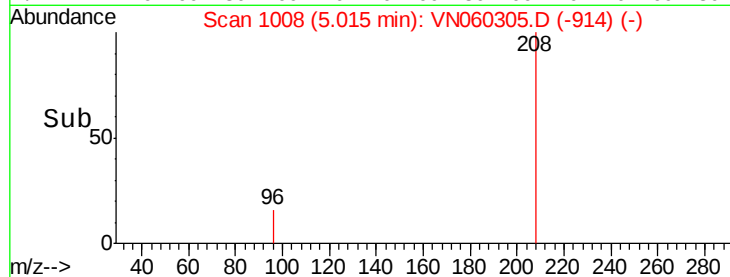
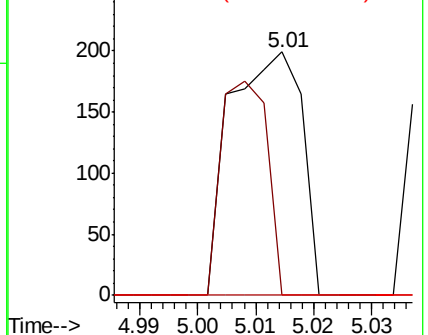
98 0.0 48.8 73.2#



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#25

2-Butanone

Concen: 1.062 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VN060305.D

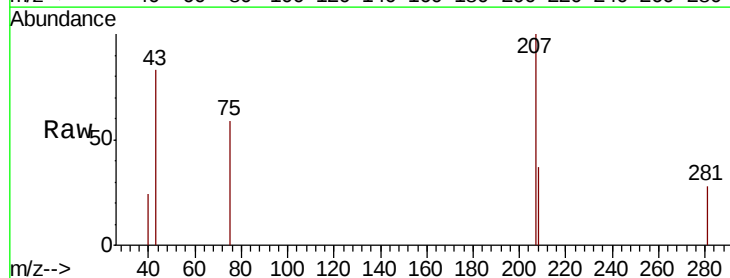
Acq: 2 Mar 2020 12:48

Tgt Ion: 43 Resp: 1454

Ion Ratio Lower Upper

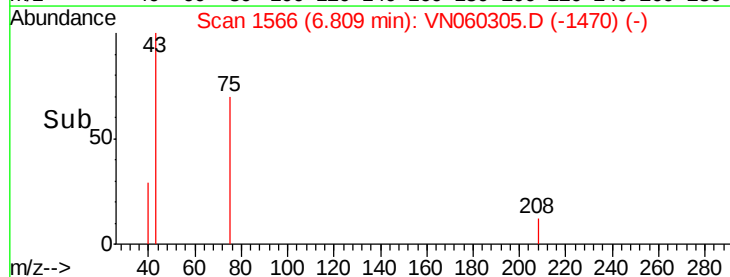
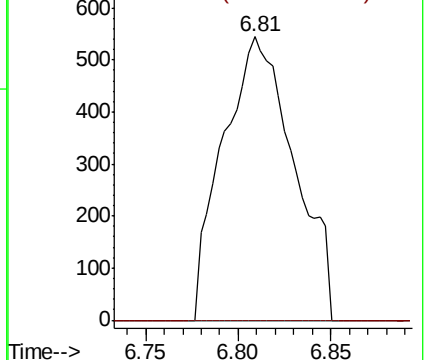
43 100

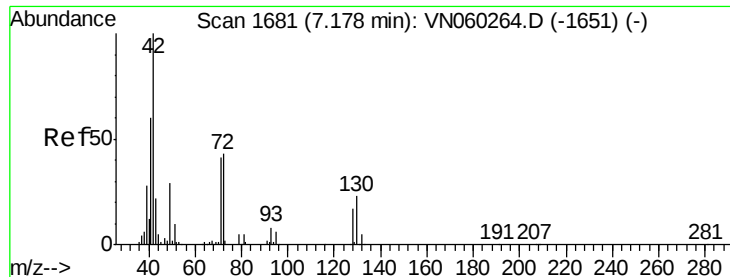
72 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

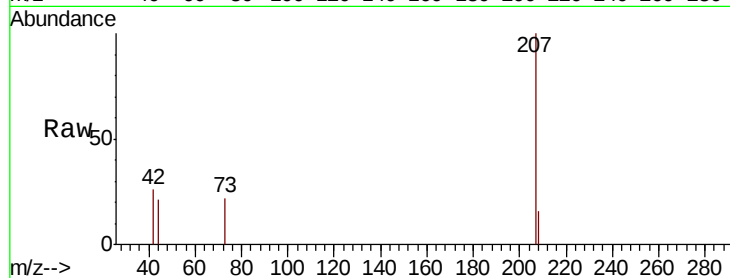




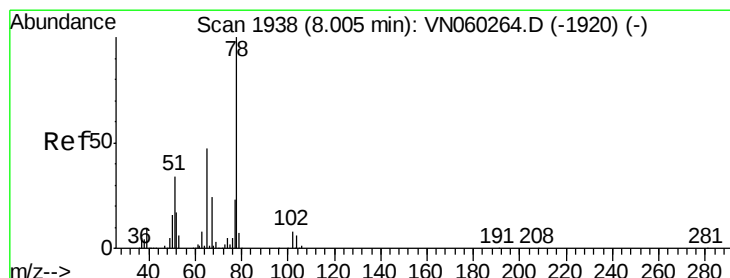
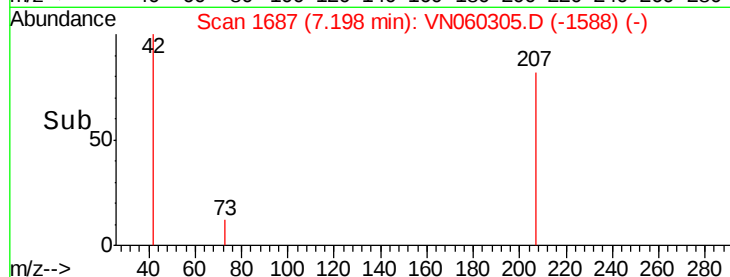
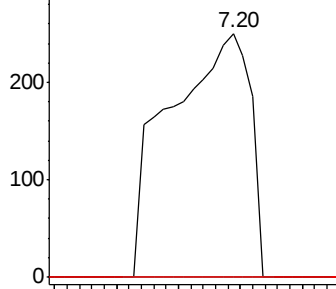
#29
Tetrahydrofuran
Concen: 0.478 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.02 min
Lab File: VN060305.D
Acq: 2 Mar 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 455
Ion Ratio Lower Upper
42 100
72 0.0 34.6 52.0#
71 0.0 32.9 49.3#

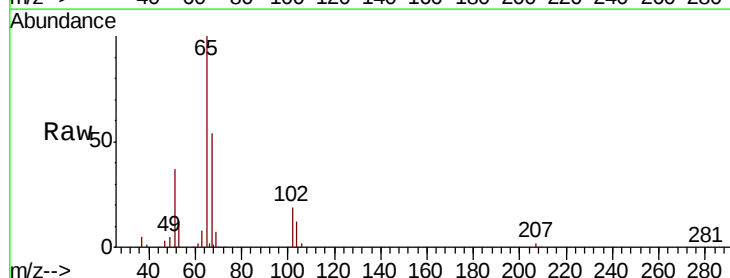


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

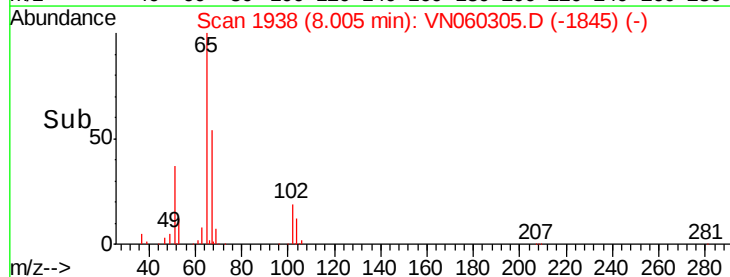
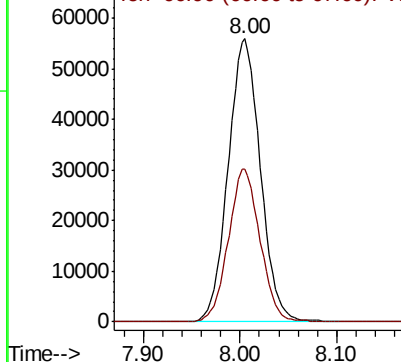


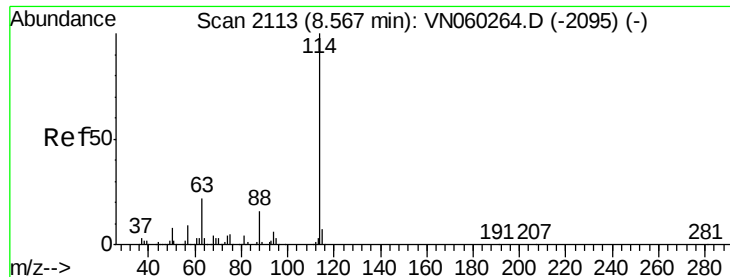
#33
1,2-Dichloroethane-d4
Concen: 49.237 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060305.D
Acq: 2 Mar 2020 12:48

Tgt Ion: 65 Resp: 129278
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.8



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

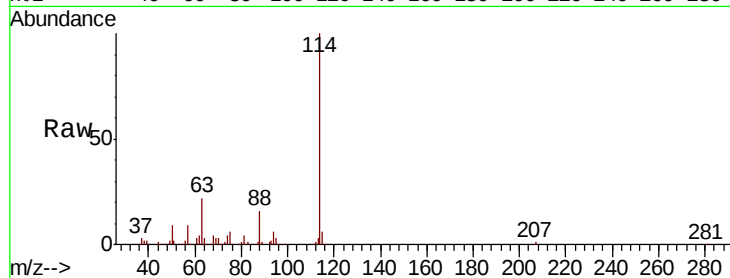
Tot Ion:114 Resp: 331327

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

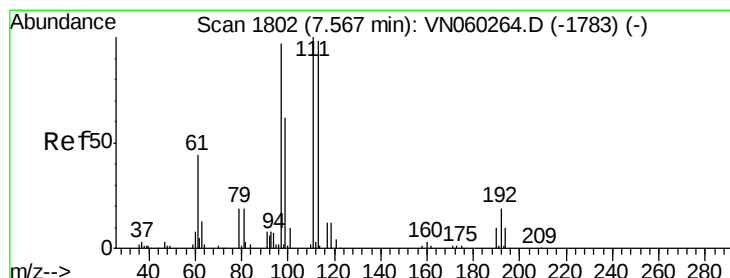
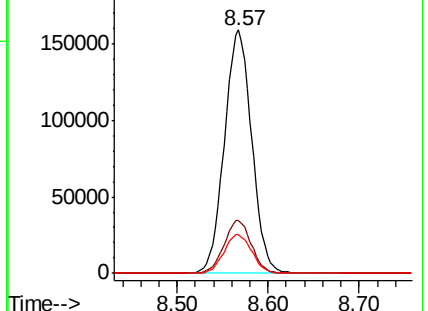
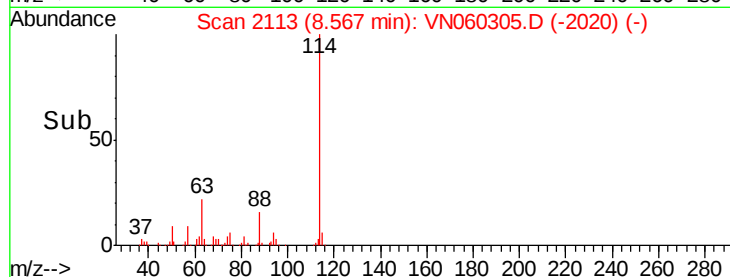
88 15.9 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 59.050 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

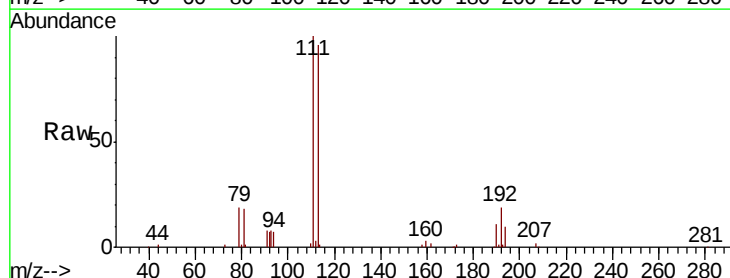
Tgt Ion:113 Resp: 90814

Ion Ratio Lower Upper

113 100

111 104.6 82.4 123.6

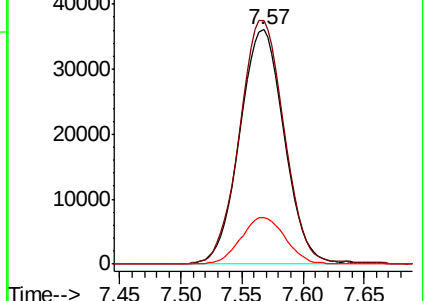
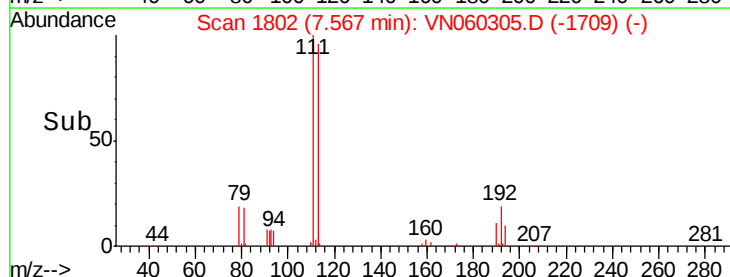
192 19.9 16.2 24.2

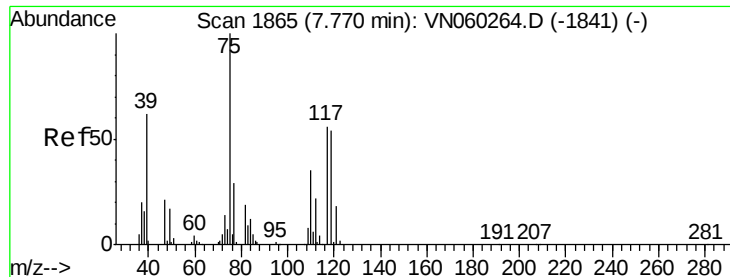


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

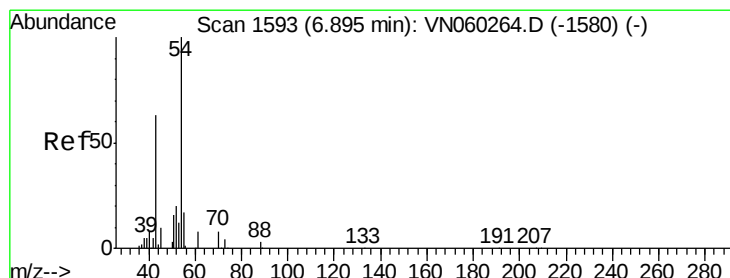
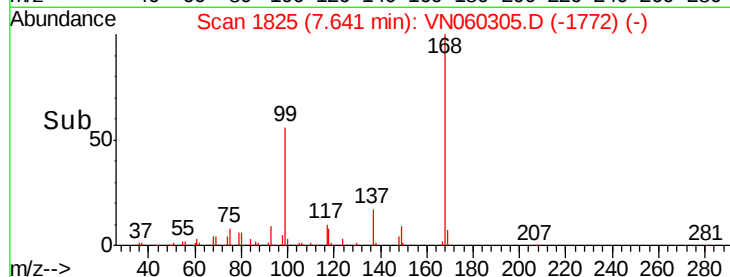
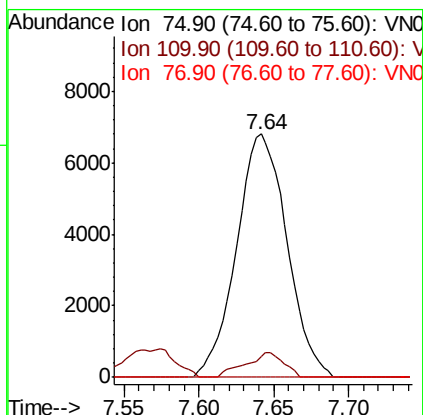
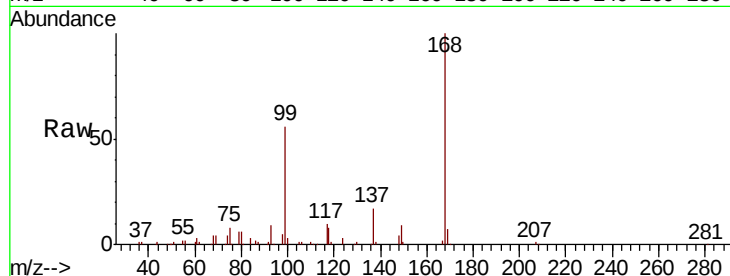




#36
 1,1-Dichloropropene
 Concen: 5.052 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060305.D
 Acq: 2 Mar 2020 12:48

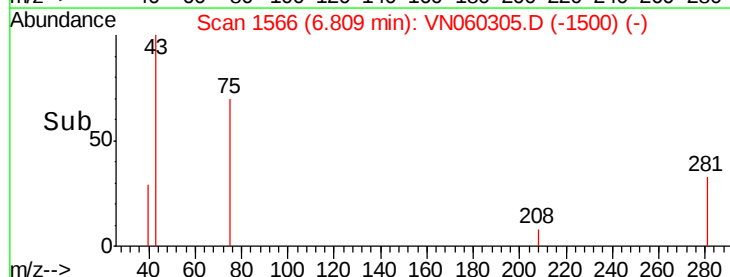
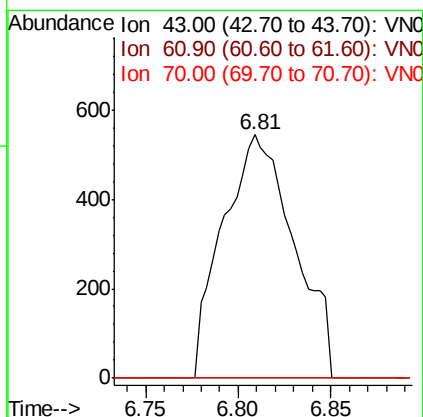
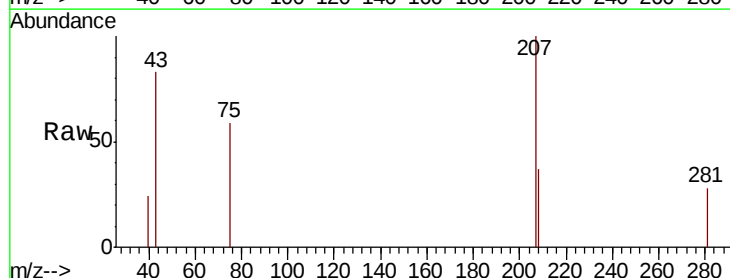
Instrument :
 MSVOA_N
 ClientSampled :

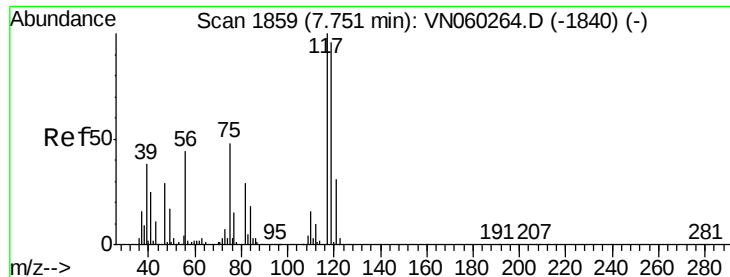
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.3	52.0#
77	0.0	24.2	36.2#



#37
 Ethyl Acetate
 Concen: 0.486 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. -0.09 min
 Lab File: VN060305.D
 Acq: 2 Mar 2020 12:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	8.4	12.6#





#38

Carbon Tetrachloride

Concen: 6.361 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

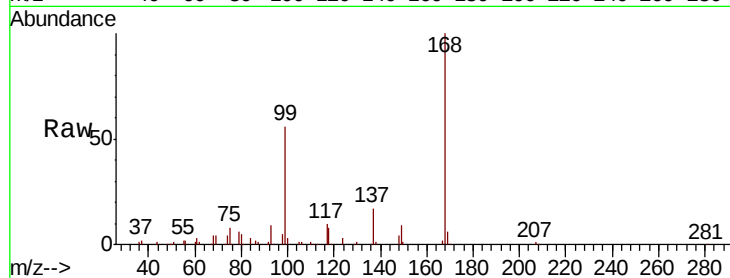
Tot Ion:117 Resp: 19557

Ion Ratio Lower Upper

117 100

119 4.7 76.7 115.1#

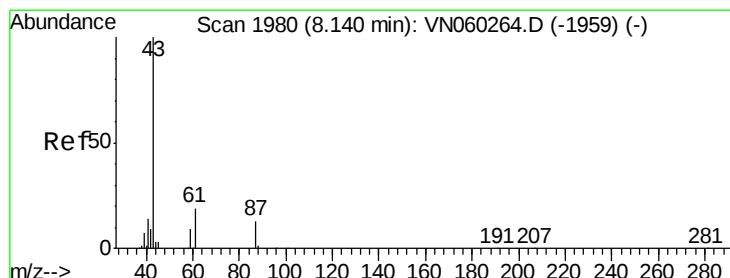
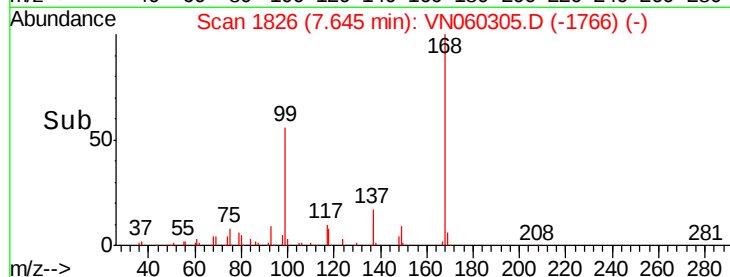
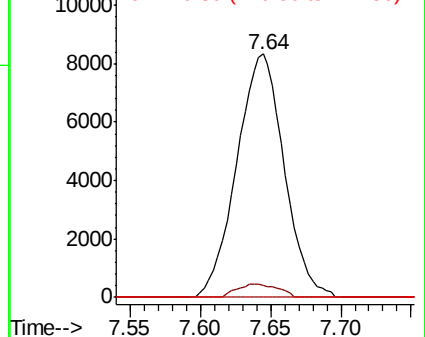
121 0.0 24.5 36.7#



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



#43

Isopropyl Acetate

Concen: 14.111 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

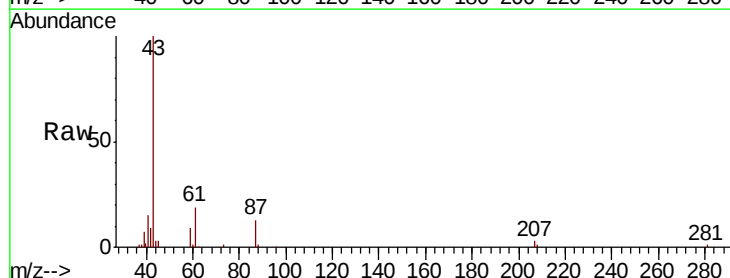
Tgt Ion: 43 Resp: 73862

Ion Ratio Lower Upper

43 100

61 18.7 20.9 31.3#

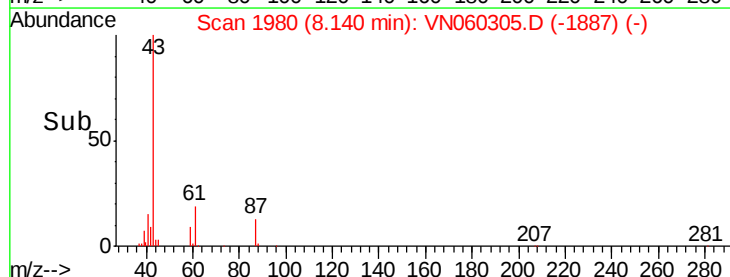
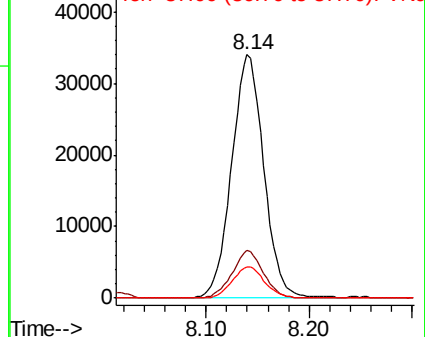
87 12.7 10.6 16.0

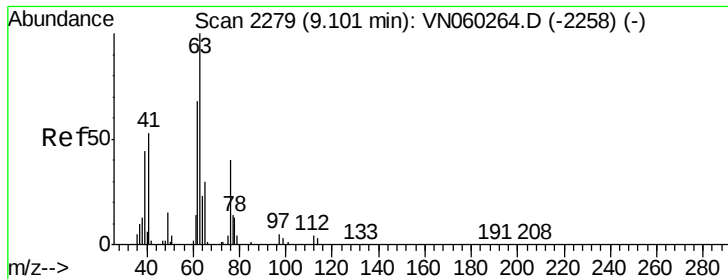


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

1,2-Dichloropropane

Concen: 0.585 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.15 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :

MSVOA_N

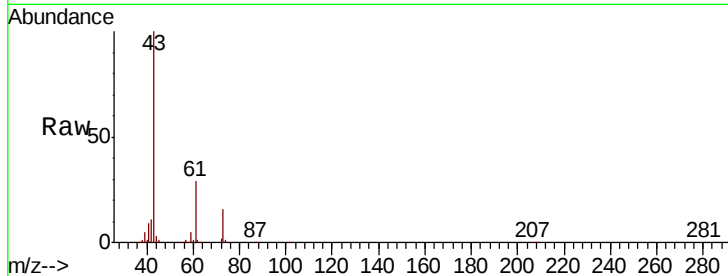
ClientSampled :

Tot Ion: 63 Resp: 1406

Ion Ratio Lower Upper

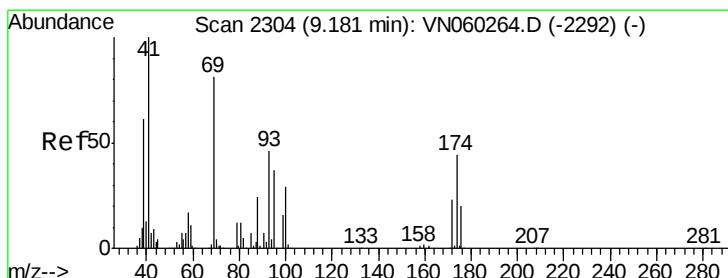
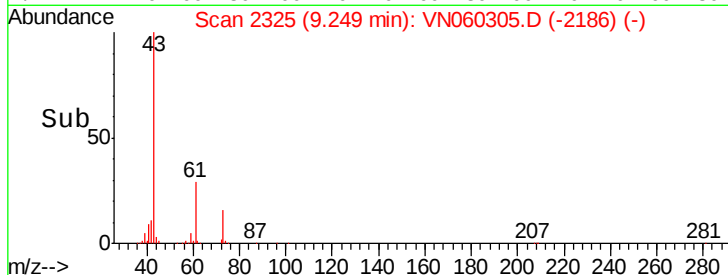
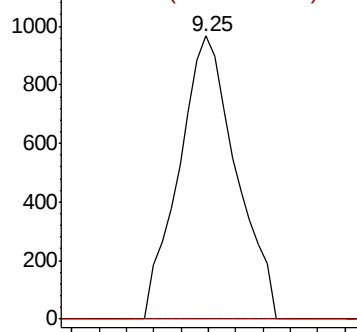
63 100

65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 1.524 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.02 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

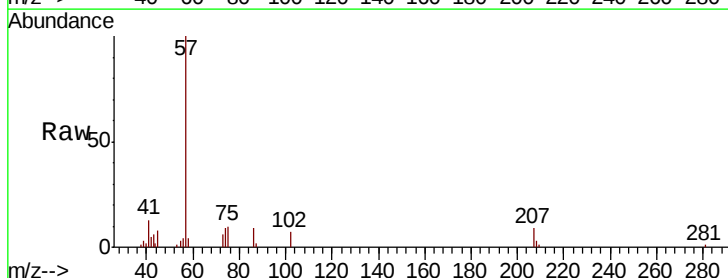
Tgt Ion: 41 Resp: 3638

Ion Ratio Lower Upper

41 100

69 0.0 66.7 100.1#

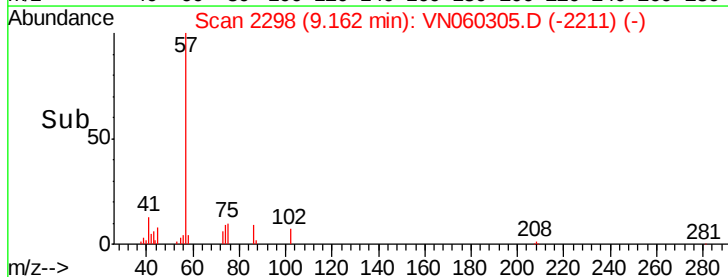
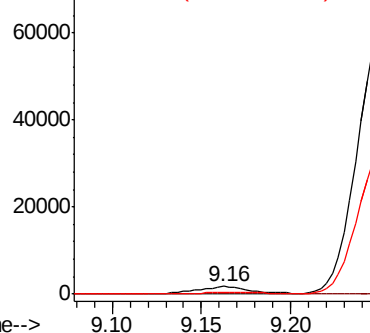
39 0.0 50.1 75.1#

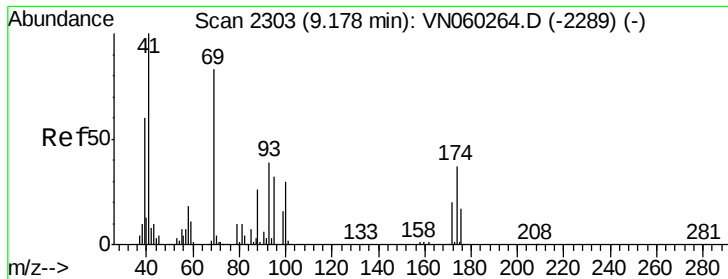


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 0.864 ug/l

RT: 9.24 min Scan# 2323

Delta R.T. 0.06 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :

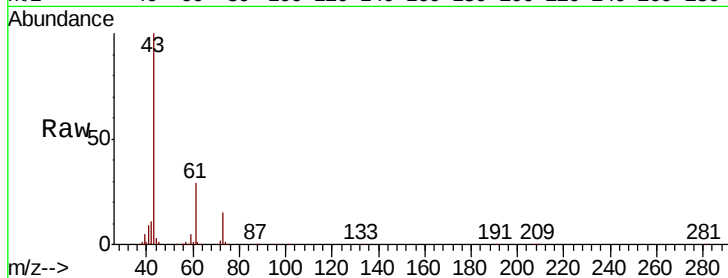
Tot Ion: 88 Resp: 29

Ion Ratio Lower Upper

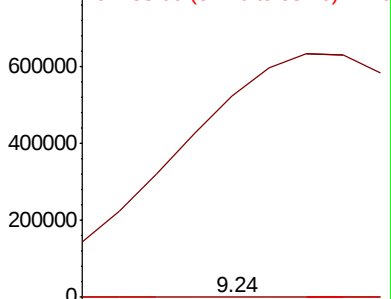
88 100

43 4050975.9 30.4 45.6#

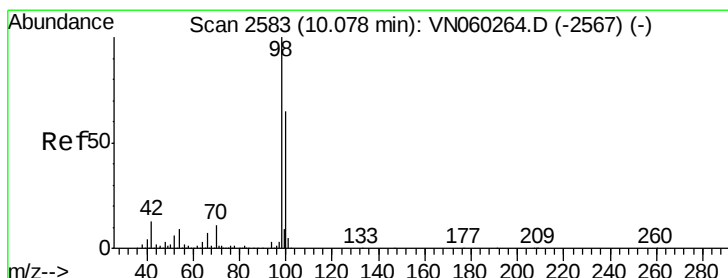
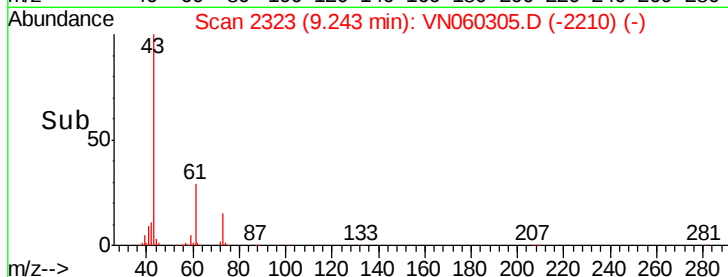
58 15482.8 57.0 85.6#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



Time--> 9.23 9.23 9.24 9.24 9.25



#50

Toluene-d8

Concen: 52.134 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060305.D

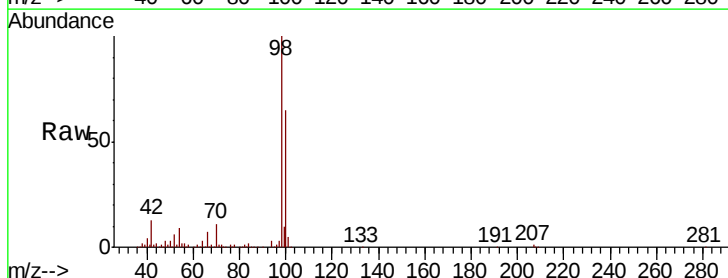
Acq: 2 Mar 2020 12:48

Tgt Ion: 98 Resp: 405791

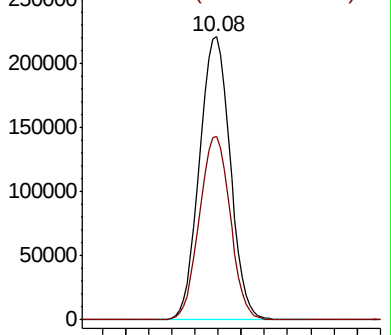
Ion Ratio Lower Upper

98 100

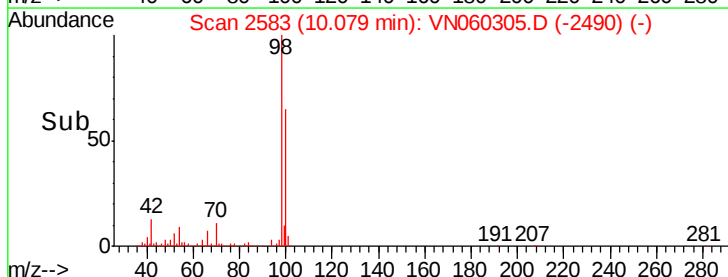
100 64.9 52.2 78.2

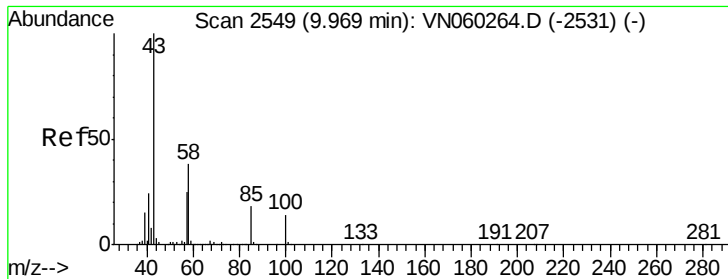


Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0



Time--> 10.00 10.10





#51

4-Methyl-2-Pentanone

Concen: 1.923 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :

MSVOA_N

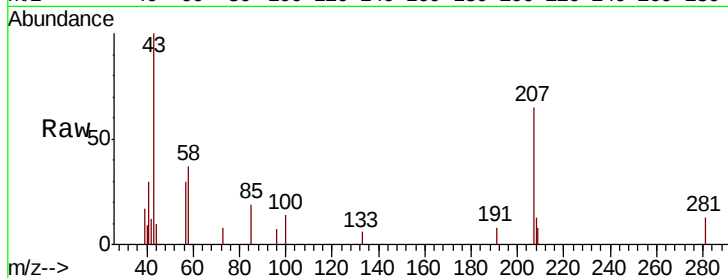
ClientSampled :

Tot Ion: 43 Resp: 5706

Ion Ratio Lower Upper

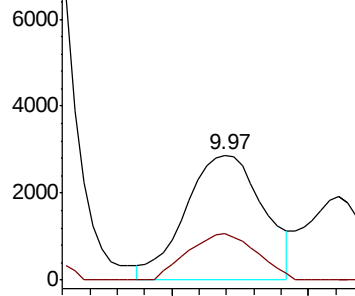
43 100

58 33.2 30.9 46.3

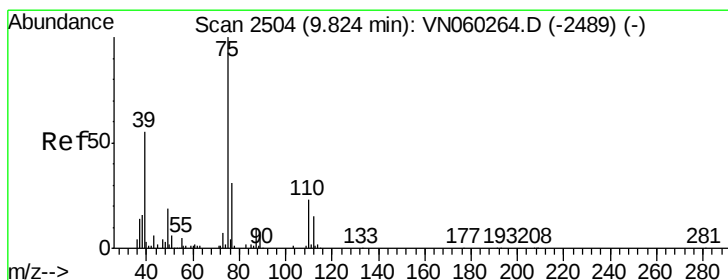
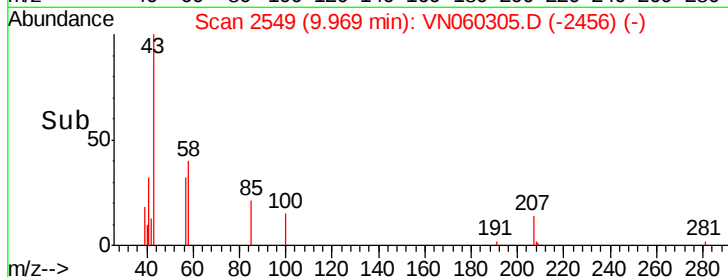


Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-2531) (-)



Time-->



#54

cis-1,3-Dichloropropene

Concen: 7.795 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.06 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

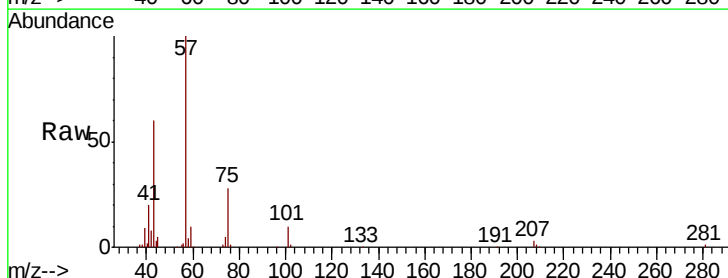
Tgt Ion: 75 Resp: 31384

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

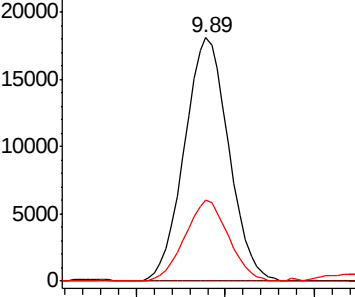
39 33.1 43.8 65.8#



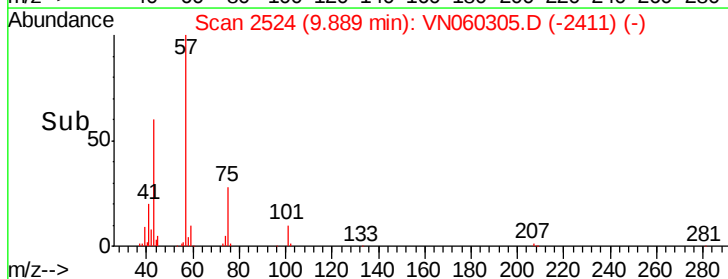
Abundance Ion 74.90 (74.60 to 75.60): VN060264.D (-2489) (-)

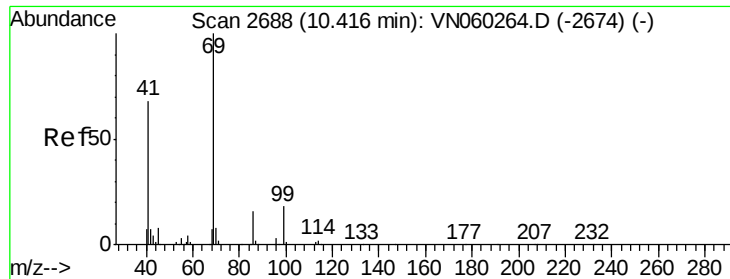
Ion 76.90 (76.60 to 77.60): VN060264.D (-2489) (-)

Ion 39.00 (38.70 to 39.70): VN060264.D (-2489) (-)



Time-->





#56

Ethyl methacrylate

Concen: 0.219 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. 0.11 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

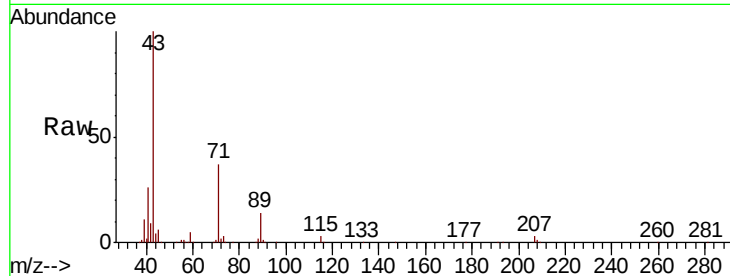
Tot Ion: 69 Resp: 729

Ion Ratio Lower Upper

69 100

41 9256.0 54.1 81.1#

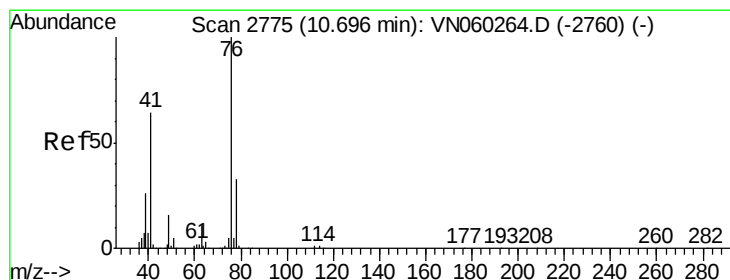
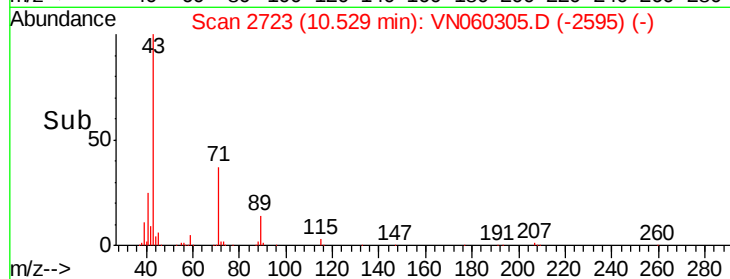
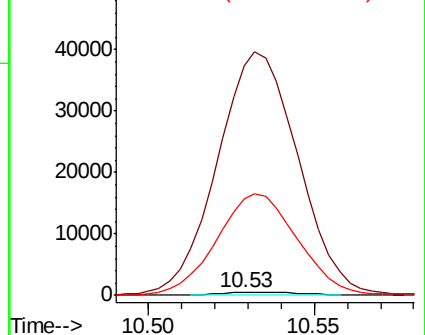
39 3880.5 32.5 48.7#



Abundance Ion 69.00 (68.70 to 69.70): VN060305.D (-2595) (-)

Ion 41.00 (40.70 to 41.70): VN060305.D (-2595) (-)

Ion 39.00 (38.70 to 39.70): VN060305.D (-2595) (-)



#57

1,3-Dichloropropane

Concen: 1.380 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN060305.D

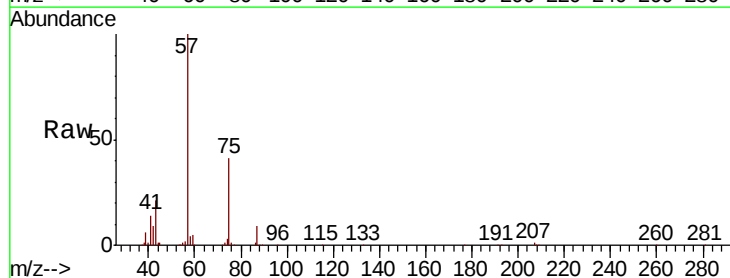
Acq: 2 Mar 2020 12:48

Tgt Ion: 76 Resp: 5226

Ion Ratio Lower Upper

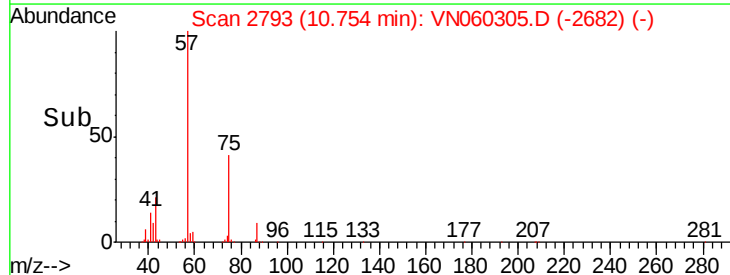
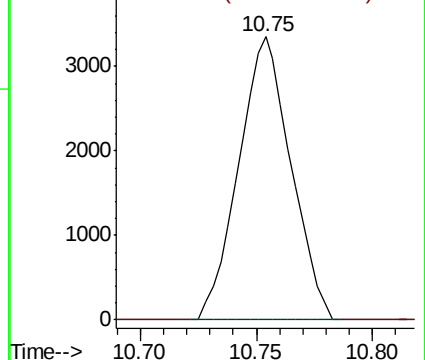
76 100

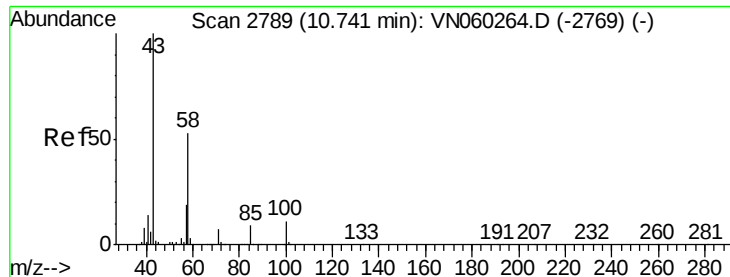
78 0.0 26.2 39.2#



Abundance Ion 75.90 (75.60 to 76.60): VN060305.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060305.D (-2682) (-)

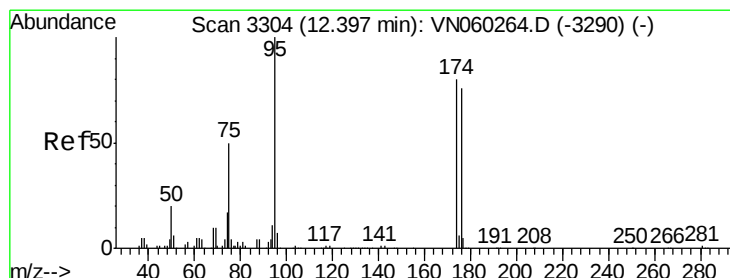
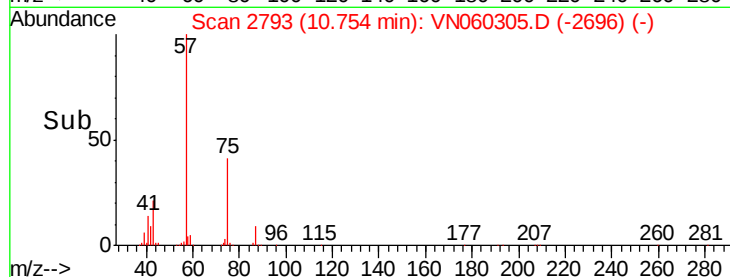
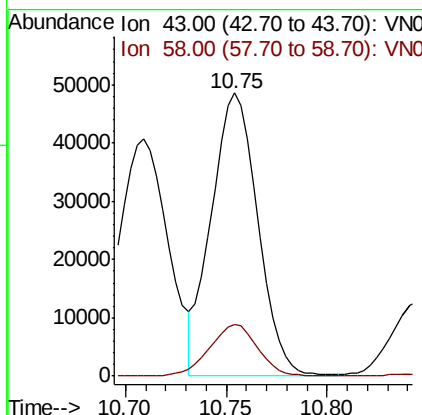
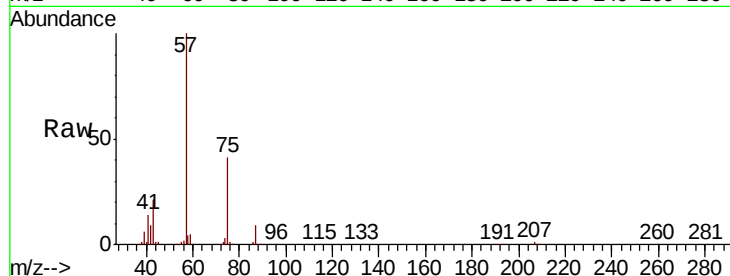




#59
2-Hexanone
Concen: 35.632 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN060305.D
Acq: 2 Mar 2020 12:48

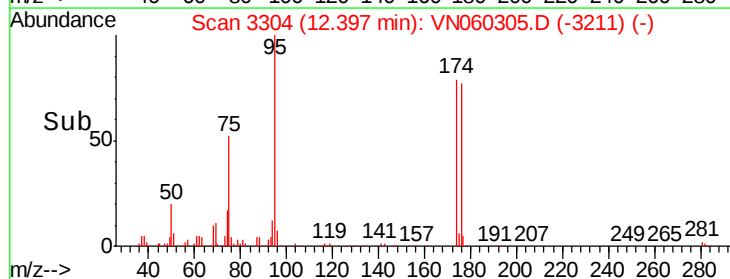
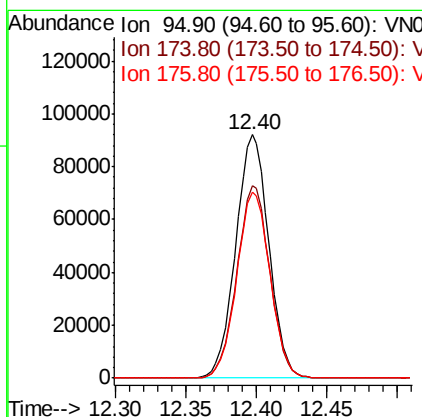
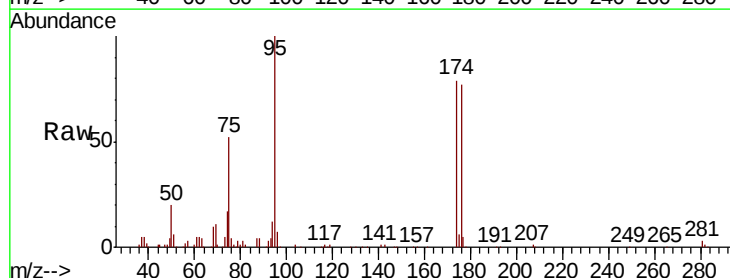
Instrument :
MSVOA_N
ClientSampleId :

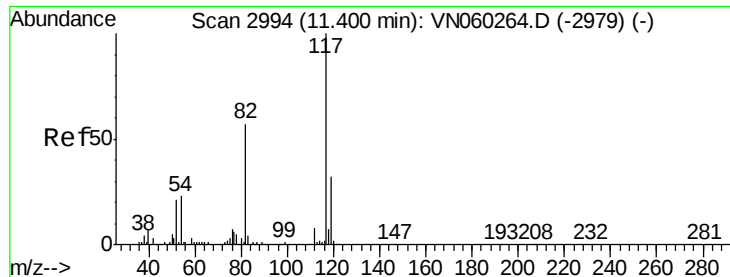
Tot Ion: 43 Resp: 77643
Ion Ratio Lower Upper
43 100
58 18.9 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: 51.339 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060305.D
Acq: 2 Mar 2020 12:48

Tgt Ion: 95 Resp: 151479
Ion Ratio Lower Upper
95 100
174 78.9 0.0 159.2
176 77.1 0.0 153.8

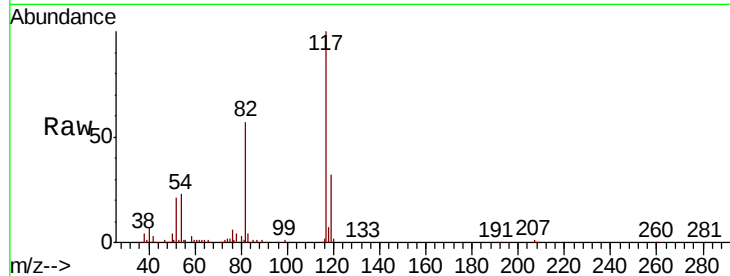




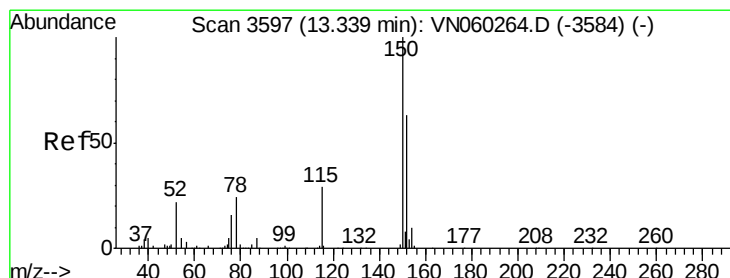
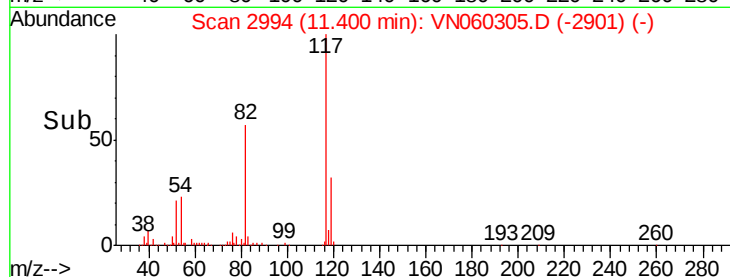
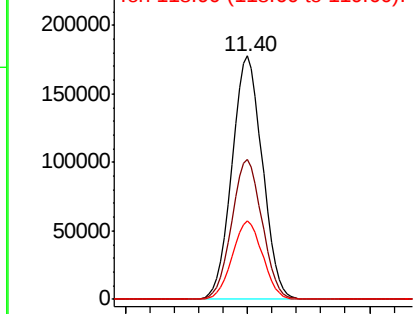
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060305.D
Acq: 2 Mar 2020 12:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 308313
Ion Ratio Lower Upper
117 100
82 57.2 45.8 68.6
119 32.1 25.8 38.8

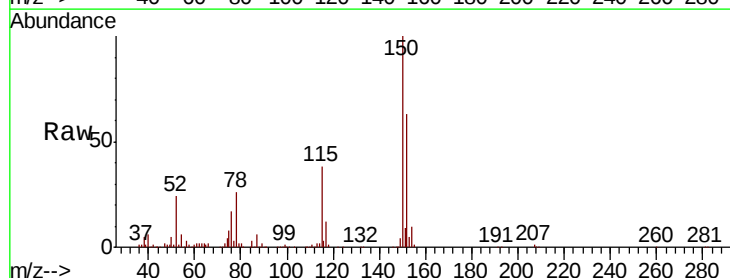


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

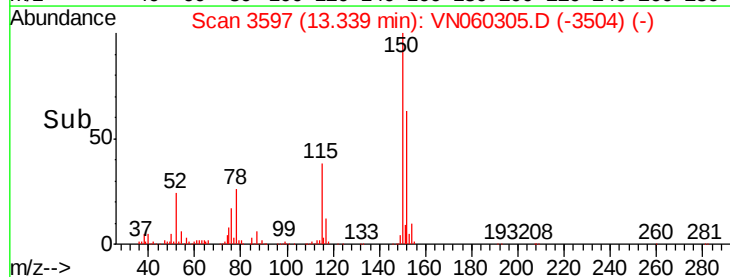
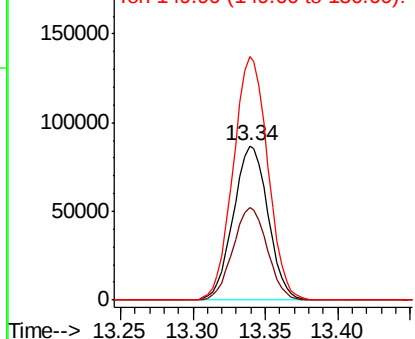


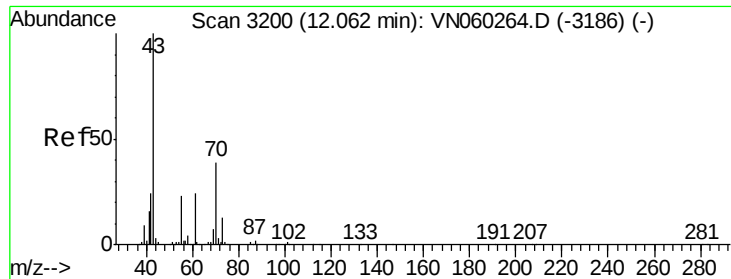
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060305.D
Acq: 2 Mar 2020 12:48

Tgt Ion:152 Resp: 144951
Ion Ratio Lower Upper
152 100
115 59.5 30.0 90.0
150 156.9 0.0 349.6



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: 0.789 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. -0.04 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 3704

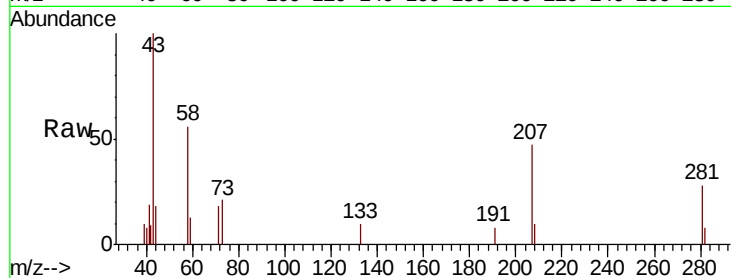
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.2#

55 0.0 18.2 27.4#

61 0.0 19.2 28.8#

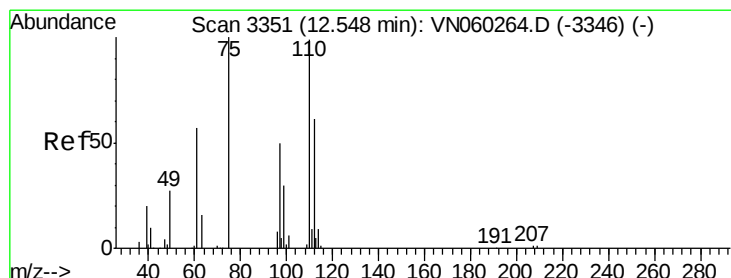
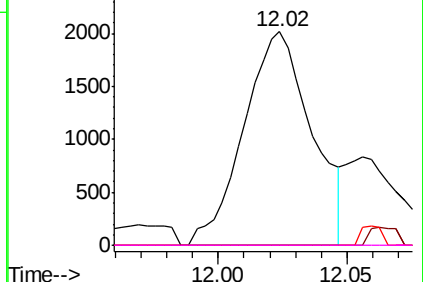
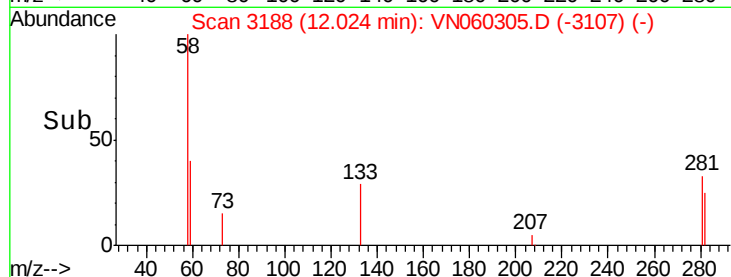


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 24.741 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060305.D

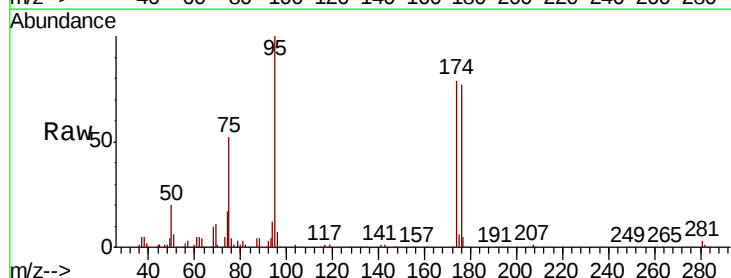
Acq: 2 Mar 2020 12:48

Tgt Ion: 75 Resp: 78681

Ion Ratio Lower Upper

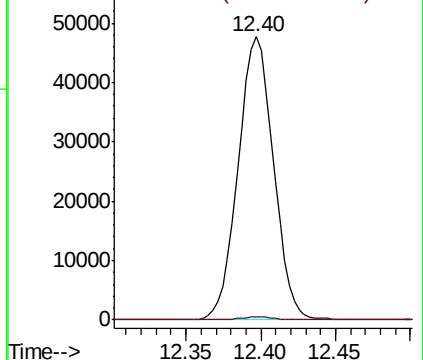
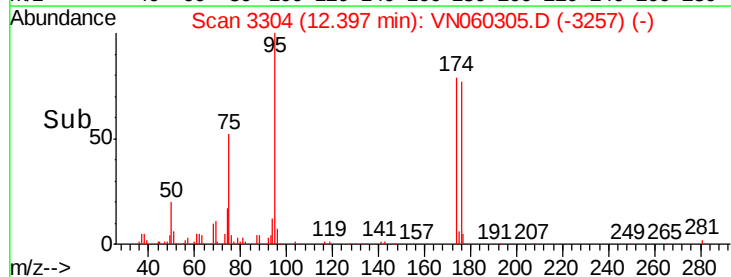
75 100

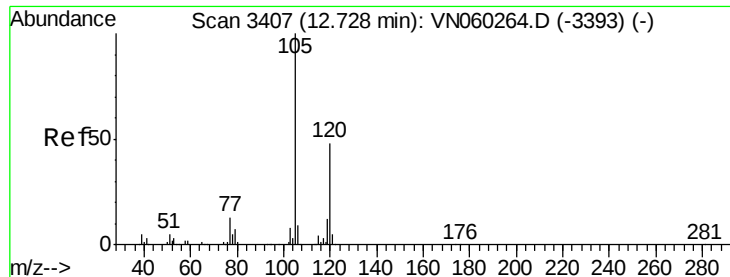
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.514 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :

MSVOA_N

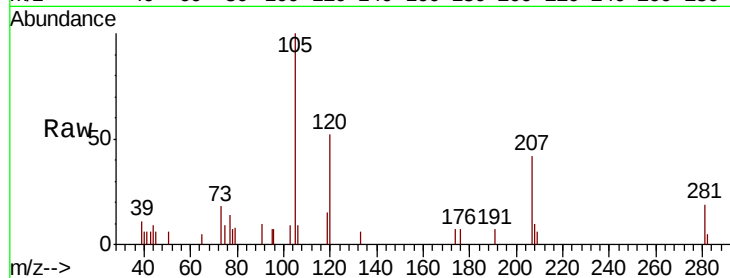
ClientSampleId :

Tot Ion:105 Resp: 4653

Ion Ratio Lower Upper

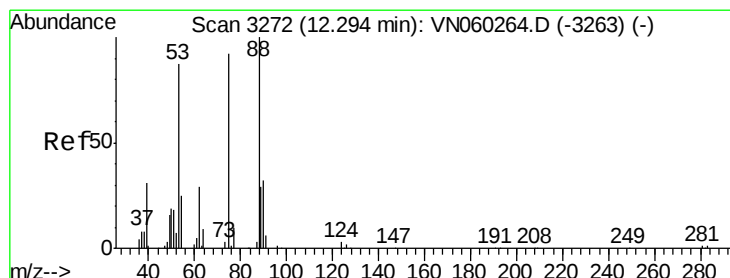
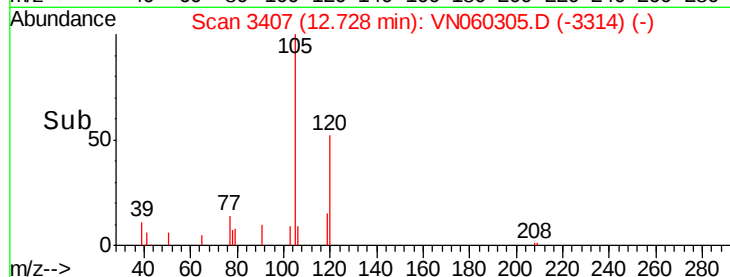
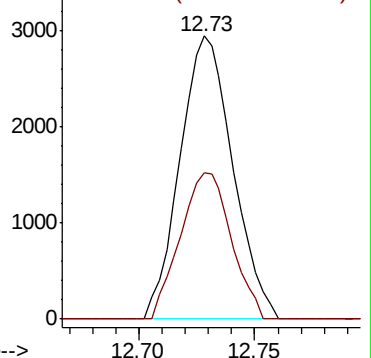
105 100

120 49.8 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 68.296 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

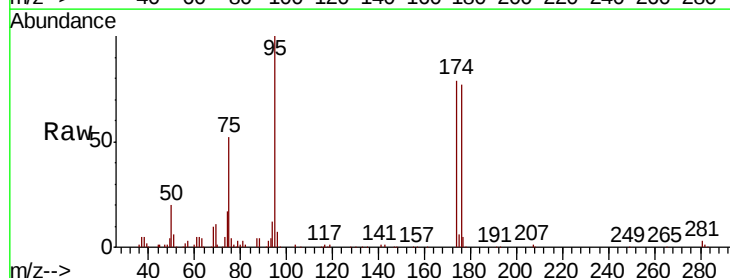
Tgt Ion: 75 Resp: 78681

Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

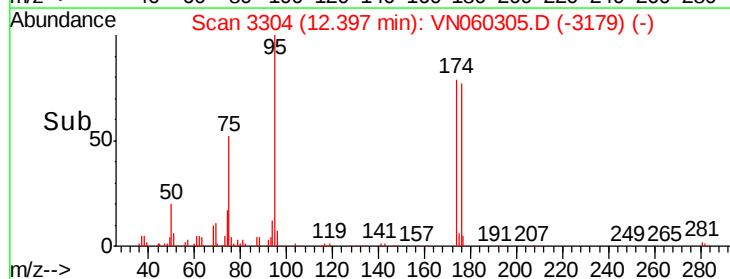
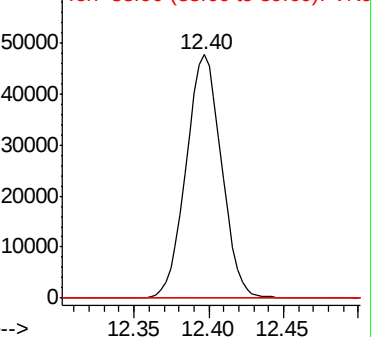
89 0.0 57.1 85.7#

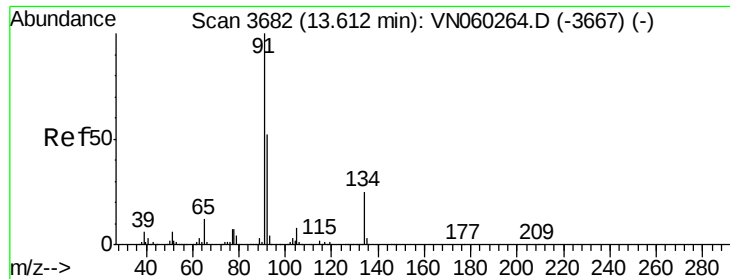


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

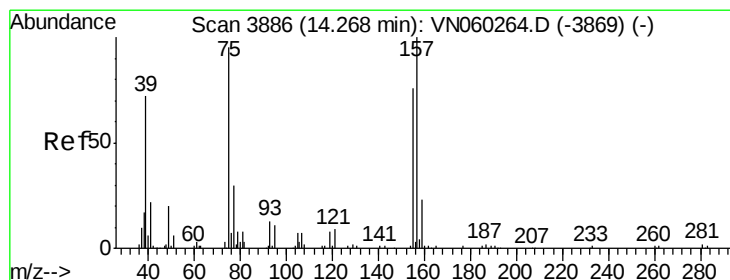
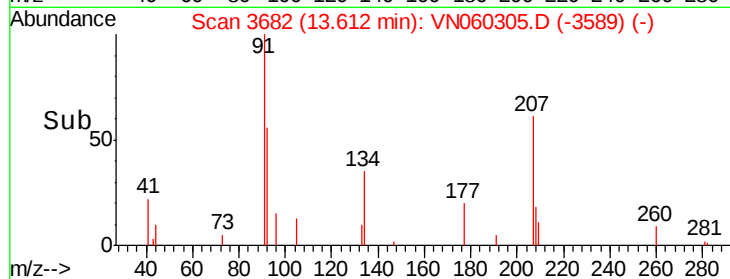
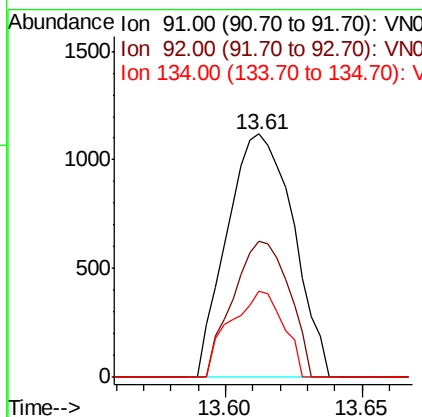
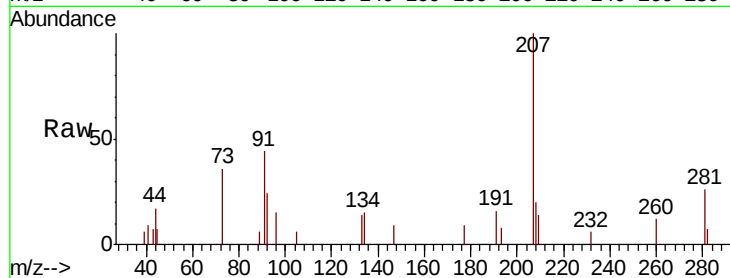




#89
n-Butylbenzene
Concen: 0.212 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060305.D
Acq: 2 Mar 2020 12:48

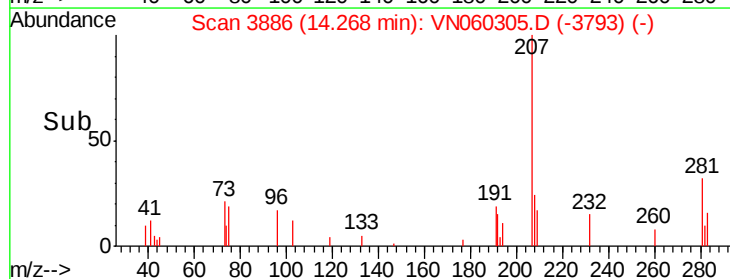
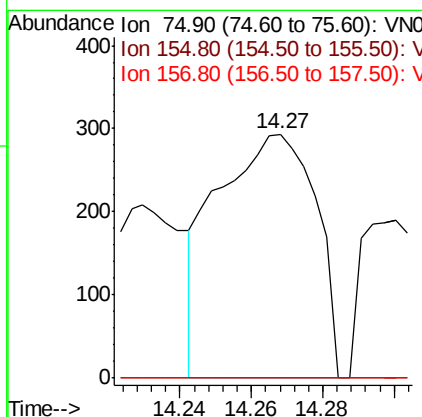
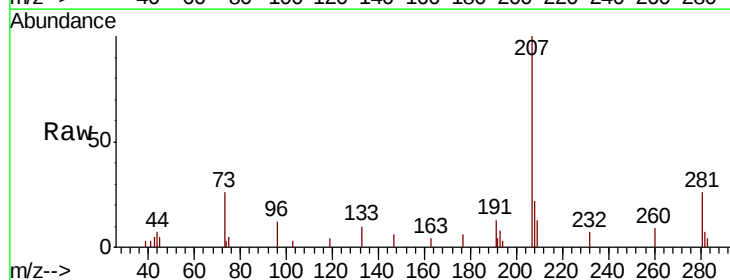
Instrument :
MSVOA_N
ClientSampled :

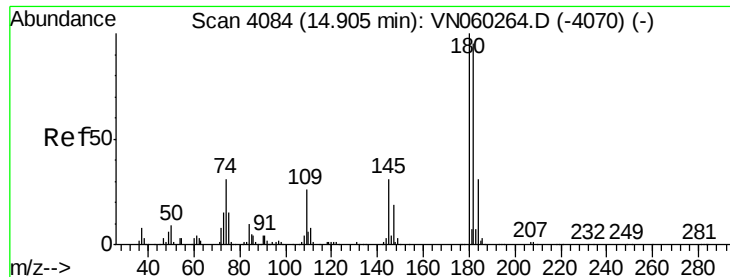
Tot Ion: 91 Resp: 1886
Ion Ratio Lower Upper
91 100
92 47.4 26.0 78.0
134 28.4 12.7 38.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.851 ug/l
RT: 14.27 min Scan# 3886
Delta R.T. 0.00 min
Lab File: VN060305.D
Acq: 2 Mar 2020 12:48

Tgt Ion: 75 Resp: 563
Ion Ratio Lower Upper
75 100
155 0.0 40.4 121.2#
157 0.0 52.5 157.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.617 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

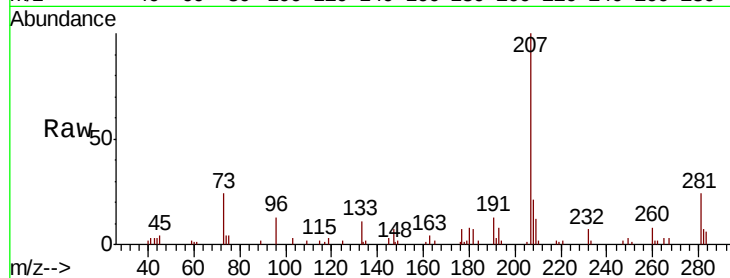
Tot Ion:180 Resp: 1552

Ion Ratio Lower Upper

180 100

182 88.9 47.8 143.3

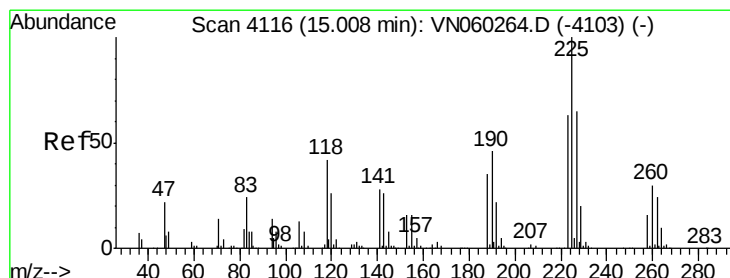
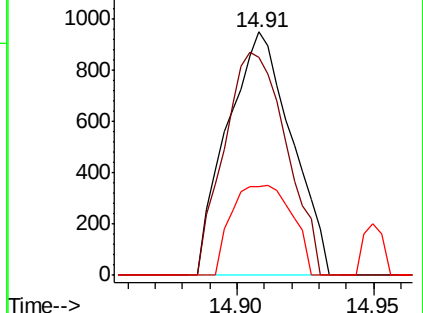
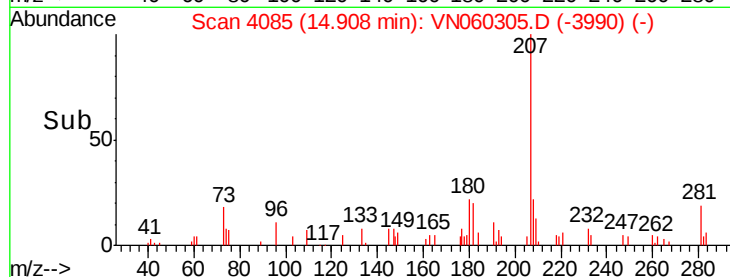
145 34.9 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

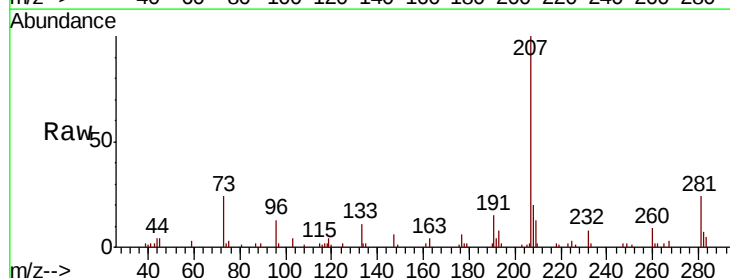
Tgt Ion:225 Resp: 482

Ion Ratio Lower Upper

225 100

223 76.8 31.3 93.9

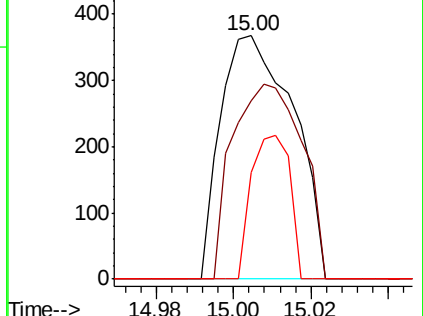
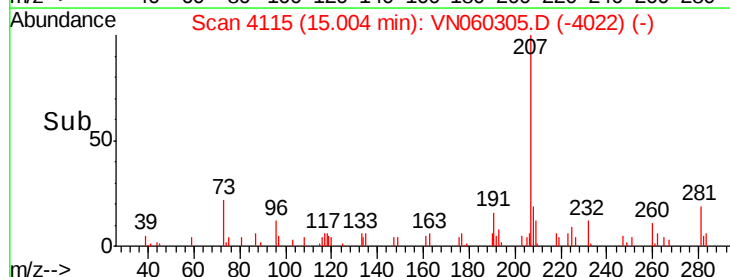
227 31.1 32.3 96.9#

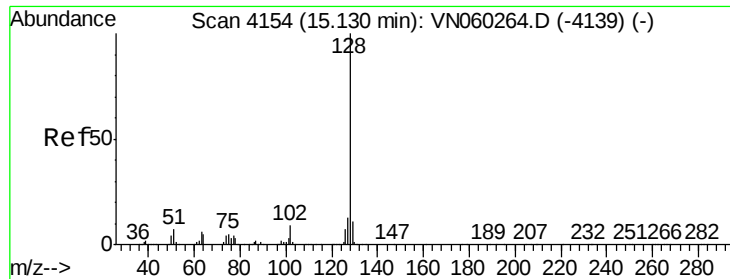


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.298 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

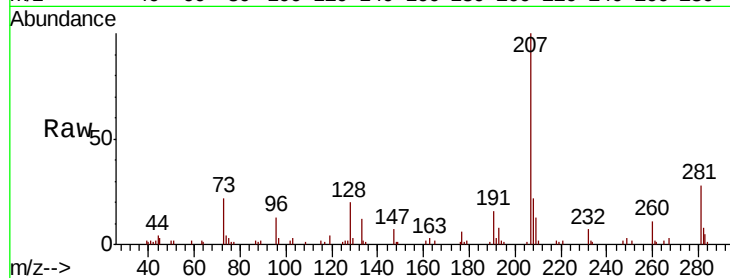
Tot Ion:128 Resp: 4903

Ion Ratio Lower Upper

128 100

127 11.8 10.4 15.6

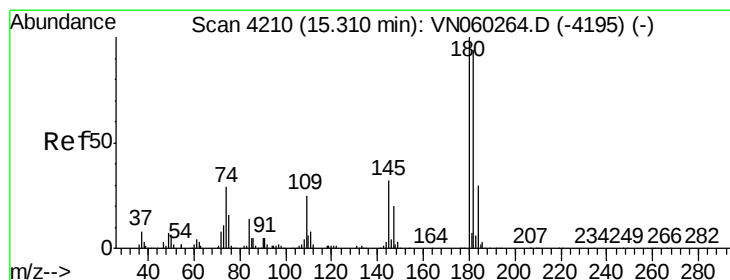
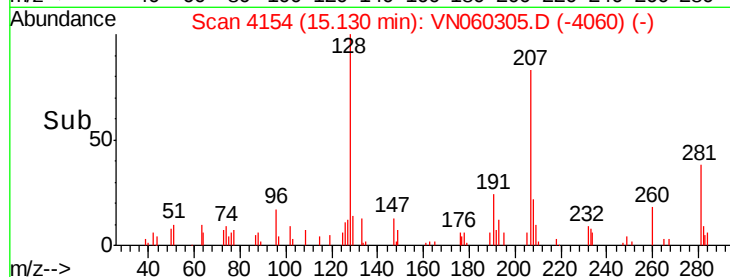
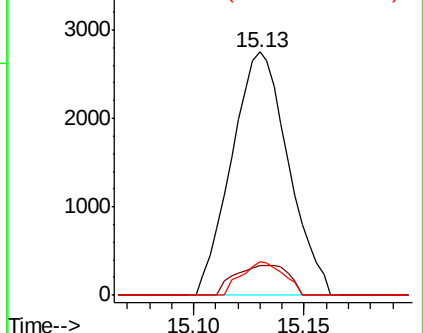
129 10.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.382 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

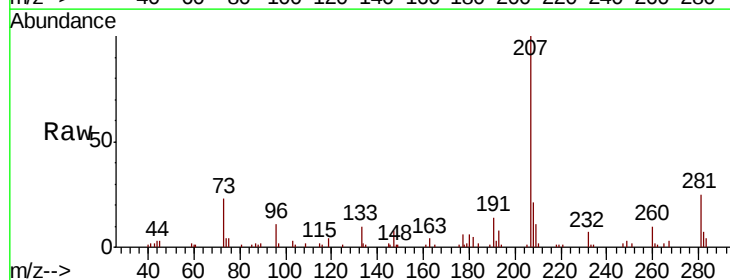
Tgt Ion:180 Resp: 1555

Ion Ratio Lower Upper

180 100

182 82.1 47.3 142.0

145 46.8 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

