

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022820\
 Data File : VN060280.D
 Acq On : 28 Feb 2020 13:33
 Operator : JC/MD
 Sample : PB127123TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 29 00:36:22 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	210572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	342425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	319044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150974	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	132718	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
35) Dibromofluoromethane	7.57	113	92340	58.10	ug/l	0.00
Spiked Amount			Recovery	=	116.20%	
50) Toluene-d8	10.08	98	420897	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.40	95	156345	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	

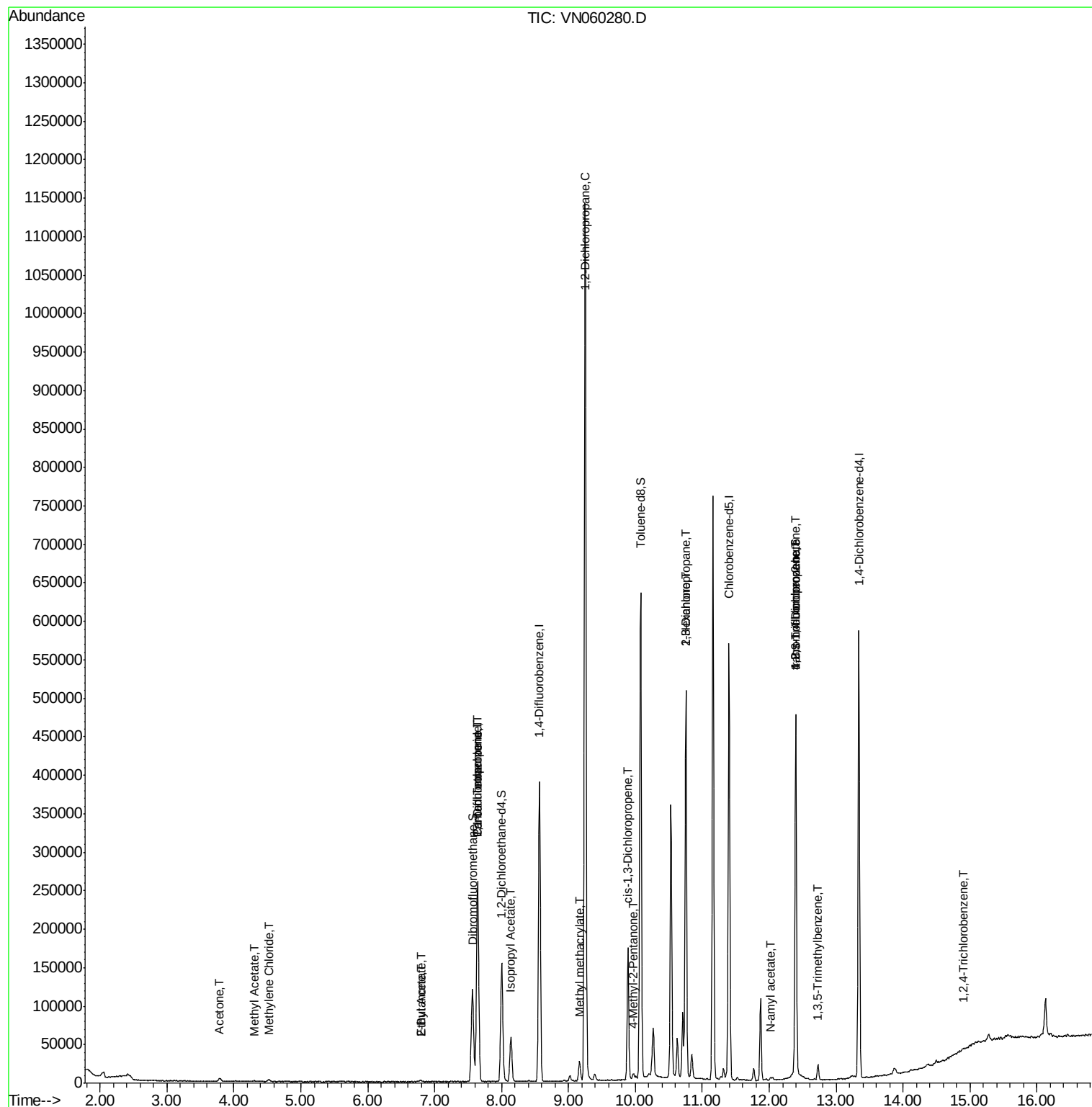
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.71	96	97	Below Cal	#	1
16) Acetone	3.79	43	7172	8.221	ug/l	90
17) Carbon Disulfide	4.03	76	230	Below Cal	#	75
18) Methyl Acetate	4.30	43	2103	0.722	ug/l	# 64
20) Methylene Chloride	4.53	84	2044	0.853	ug/l	91
21) trans-1,2-Dichloroethene	5.01	96	63	Below Cal	#	1
25) 2-Butanone	6.80	43	662	0.470	ug/l	# 49
31) Cyclohexane	7.64	56	4478	Below Cal	#	1
36) 1,1-Dichloropropene	7.64	75	16364	5.014	ug/l	# 50
37) Ethyl Acetate	6.80	43	662	0.214	ug/l	# 68
38) Carbon Tetrachloride	7.64	117	20363	6.409	ug/l	# 16
43) Isopropyl Acetate	8.14	43	69079	12.769	ug/l	# 90
45) 1,2-Dichloropropane	9.25	63	1374	0.553	ug/l	# 44
48) Methyl methacrylate	9.16	41	3397	1.377	ug/l	# 13
51) 4-Methyl-2-Pentanone	9.97	43	5127	1.672	ug/l	89
54) cis-1,3-Dichloropropene	9.89	75	31006	7.451	ug/l	# 59
57) 1,3-Dichloropropane	10.75	76	4878	1.247	ug/l	# 42
59) 2-Hexanone	10.75	43	72356	32.129	ug/l	# 52
74) N-amyl acetate	12.02	43	4306	0.881	ug/l	# 44
76) 1,2,3-Trichloropropane	12.40	75	82008	24.758	ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.73	105	10686	1.134	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	82008	68.344	ug/l	# 8
87) 1,3-Dichlorobenzene	13.28	146	304	Below Cal	#	42
88) 1,4-Dichlorobenzene	13.36	146	458	Below Cal	#	25
93) 1,2,4-Trichlorobenzene	14.91	180	367	0.208	ug/l	# 53
95) Naphthalene	15.13	128	873	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.30	180	130	Below Cal	#	63

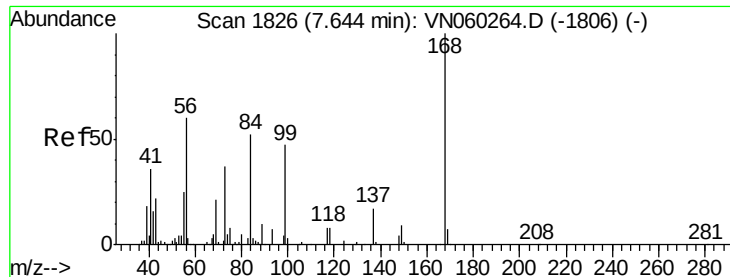
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022820\
Data File : VN060280.D
Acq On : 28 Feb 2020 13:33
Operator : JC/MD
Sample : PB127123TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 29 00:36:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060280.D

Acq: 28 Feb 2020 13:33

Instrument :

MSVOA_N

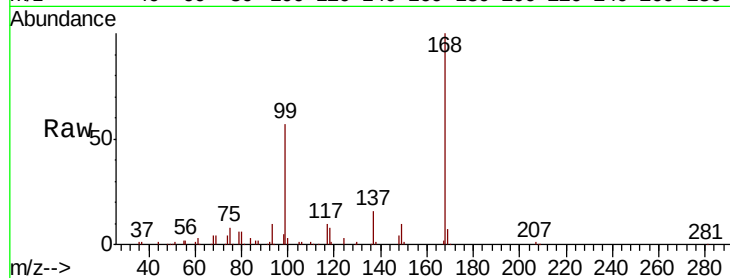
ClientSampleId :

Tot Ion:168 Resp: 210572

Ion Ratio Lower Upper

168 100

99 57.2 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

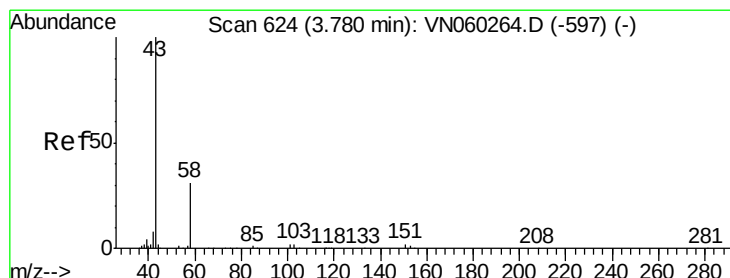
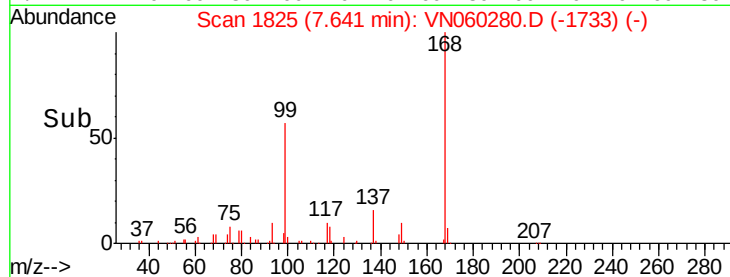
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.221 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060280.D

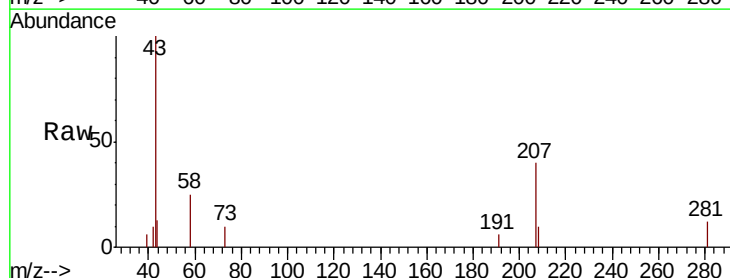
Acq: 28 Feb 2020 13:33

Tgt Ion: 43 Resp: 7172

Ion Ratio Lower Upper

43 100

58 25.2 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

3000

2500

2000

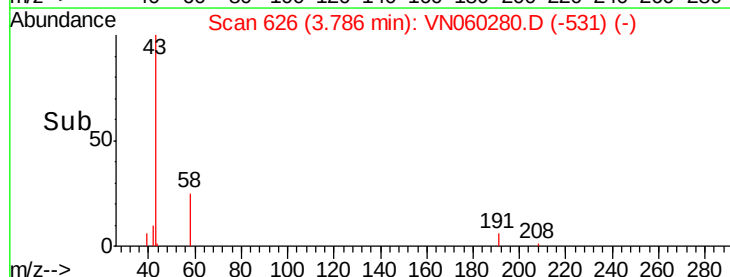
1500

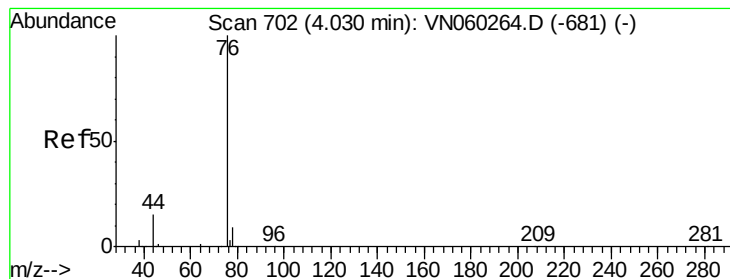
1000

500

0

Time-->





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060280.D

Acq: 28 Feb 2020 13:33

Instrument :

MSVOA_N

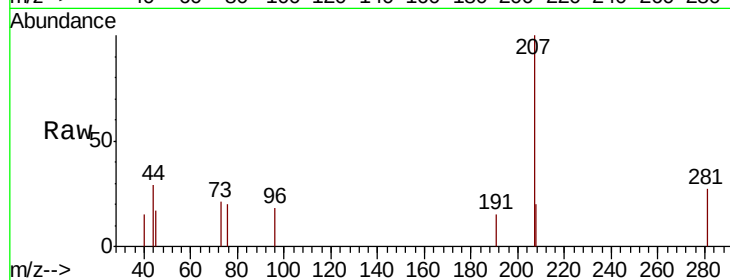
ClientSampled :

Tot Ion: 76 Resp: 230

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.03

250

200

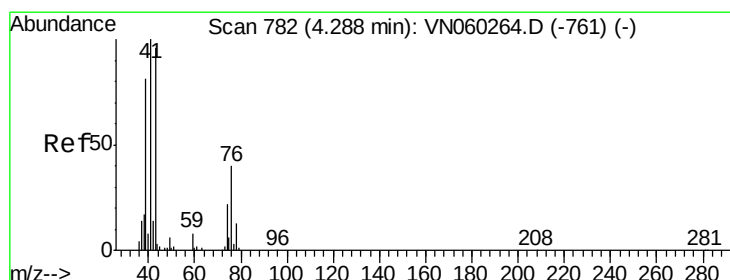
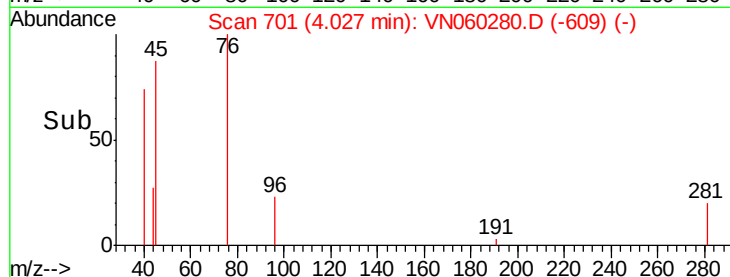
150

100

50

0

Time-->



#18

Methyl Acetate

Concen: 0.722 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.01 min

Lab File: VN060280.D

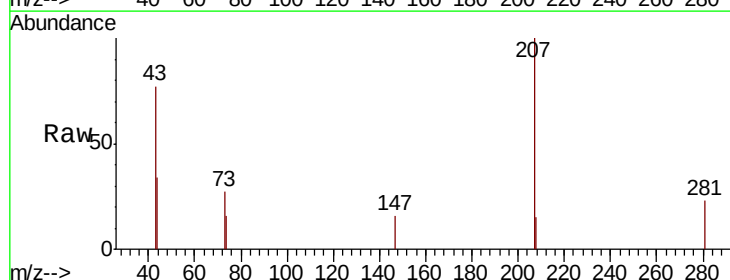
Acq: 28 Feb 2020 13:33

Tgt Ion: 43 Resp: 2103

Ion Ratio Lower Upper

43 100

74 6.0 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.30

800

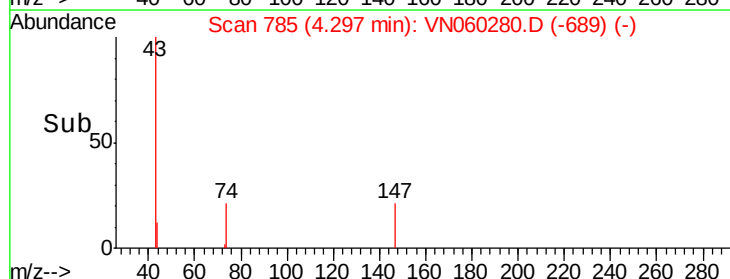
600

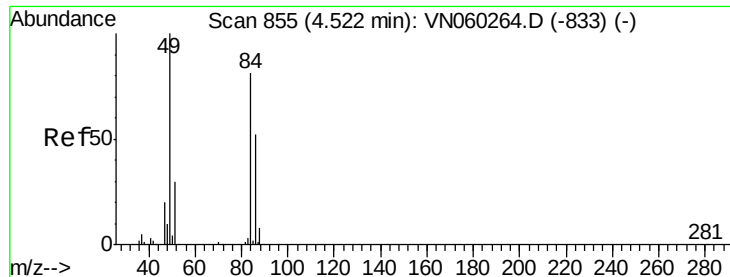
400

200

0

Time-->

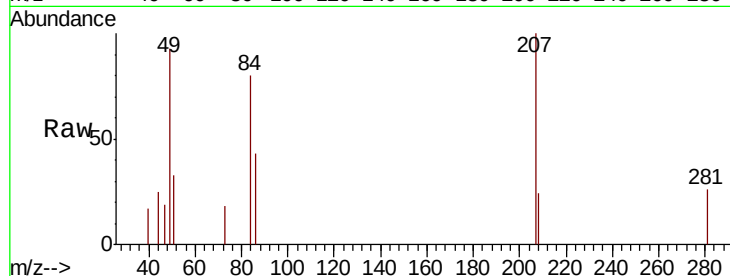




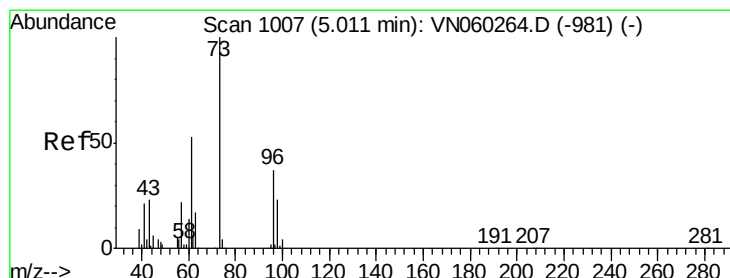
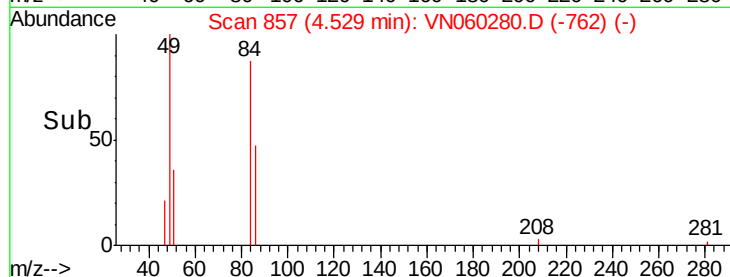
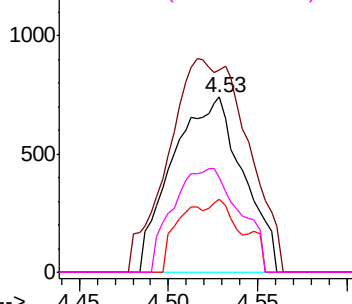
#20
Methylene Chloride
Concen: 0.853 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060280.D
Acq: 28 Feb 2020 13:33

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 2044
Ion Ratio Lower Upper
84 100
49 115.4 99.3 148.9
51 41.3 30.1 45.1
86 54.0 51.1 76.7

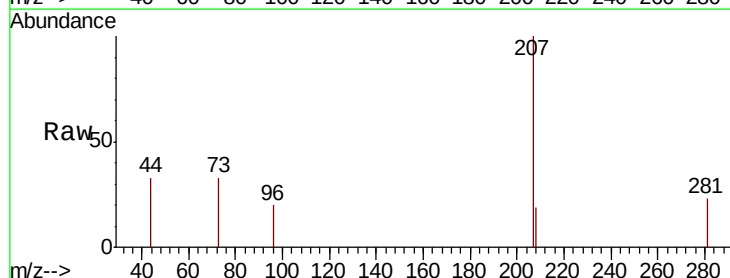


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

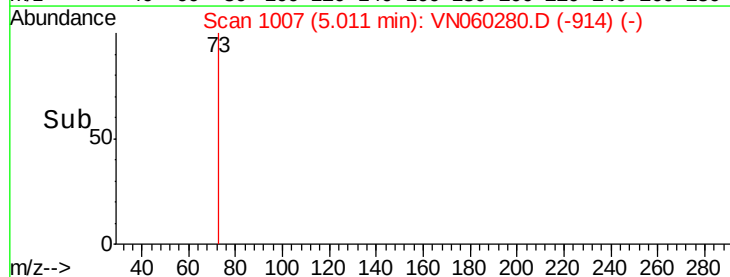
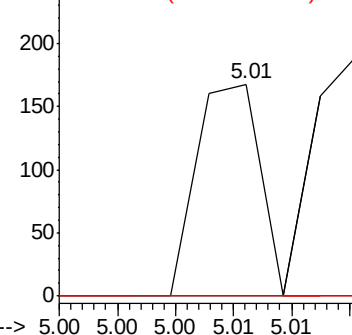


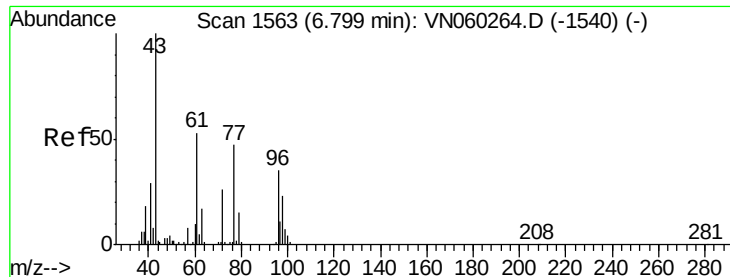
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN060280.D
Acq: 28 Feb 2020 13:33

Tgt Ion: 96 Resp: 63
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: 0.470 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060280.D

Acq: 28 Feb 2020 13:33

Instrument :

MSVOA_N

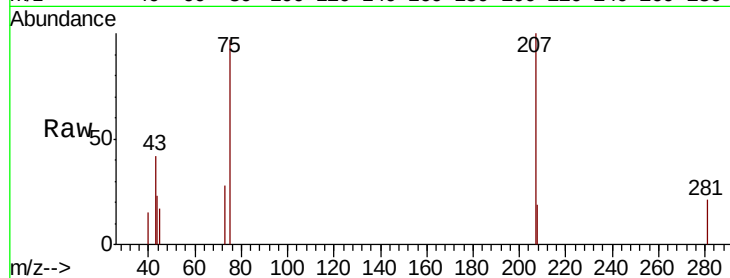
ClientSampled :

Tot Ion: 43 Resp: 662

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

500

400

300

200

100

0

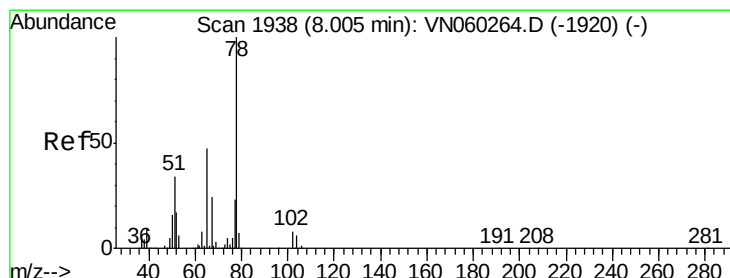
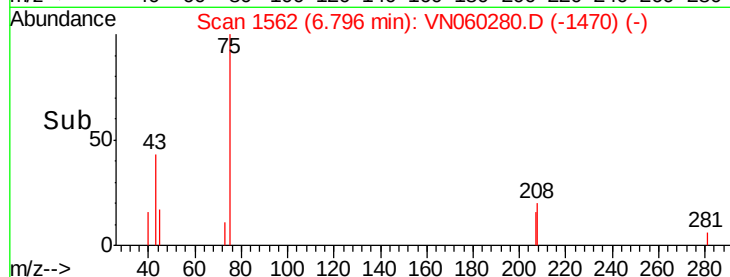
6.76

6.78

6.80

6.82

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.124 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060280.D

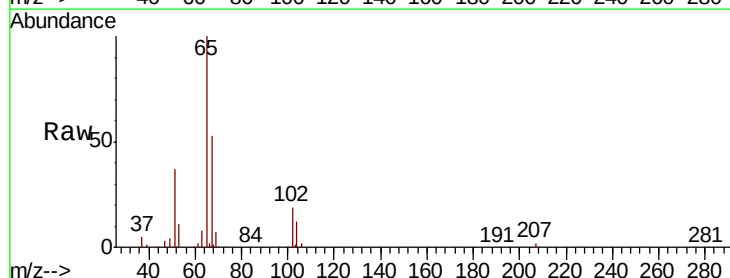
Acq: 28 Feb 2020 13:33

Tgt Ion: 65 Resp: 132718

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

60000

40000

20000

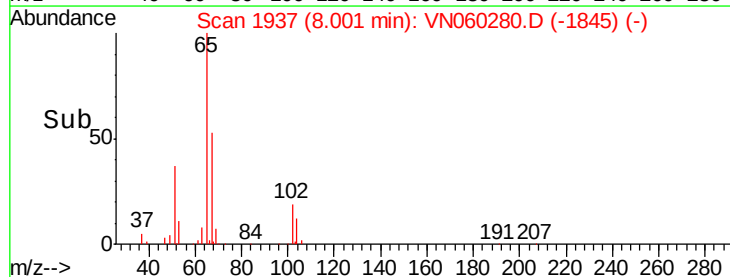
0

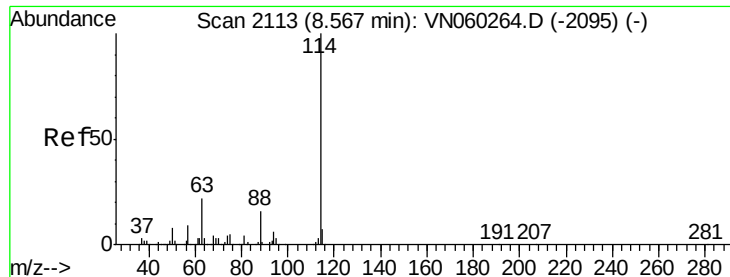
7.90

8.00

8.10

Time-->

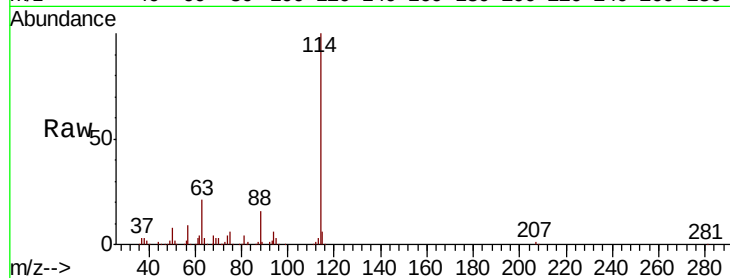




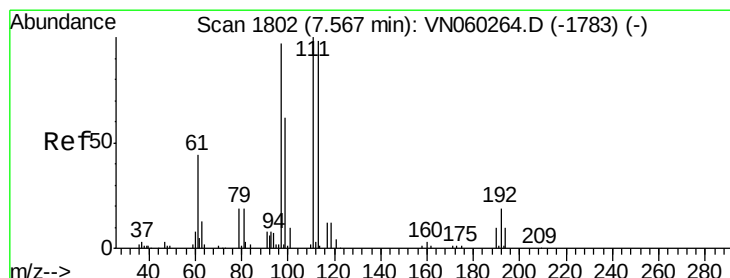
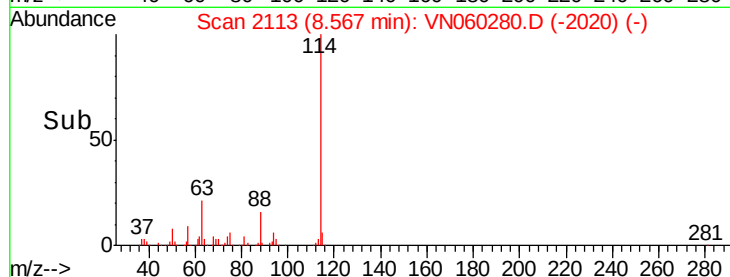
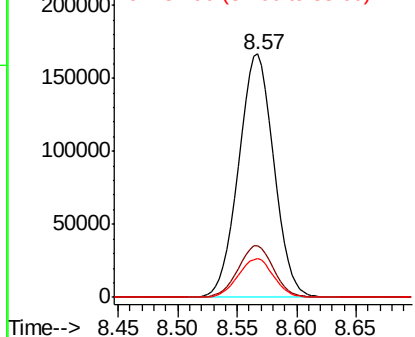
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060280.D
 Acq: 28 Feb 2020 13:33

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.2
88	15.9	0.0	31.6

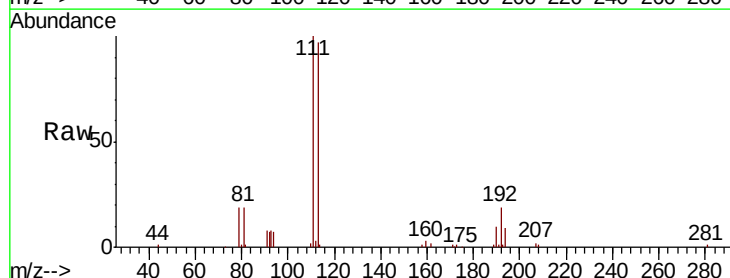


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

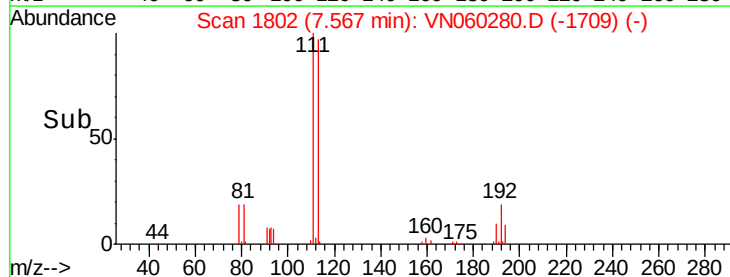
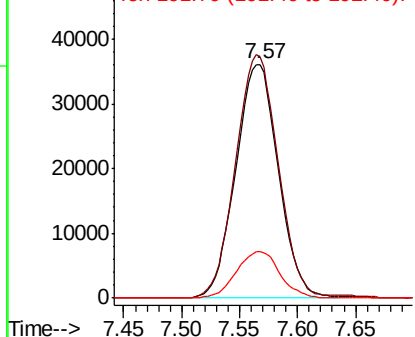


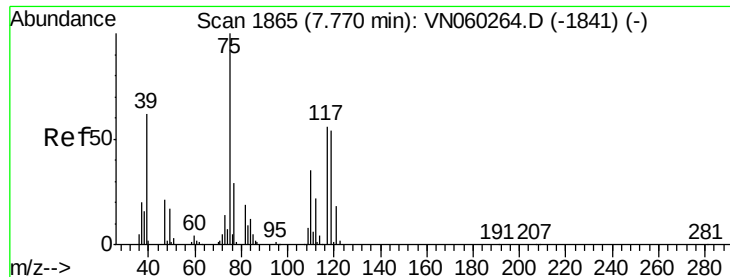
#35
 Dibromofluoromethane
 Concen: 58.096 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060280.D
 Acq: 28 Feb 2020 13:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.4	123.6
192	20.3	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: 5.014 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.13 min

Lab File: VN060280.D

Acq: 28 Feb 2020 13:33

Instrument :

MSVOA_N

ClientSampled :

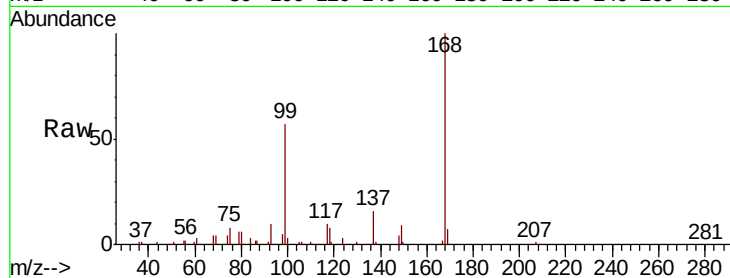
Tot Ion: 75 Resp: 16364

Ion Ratio Lower Upper

75 100

110 8.9 17.3 52.0#

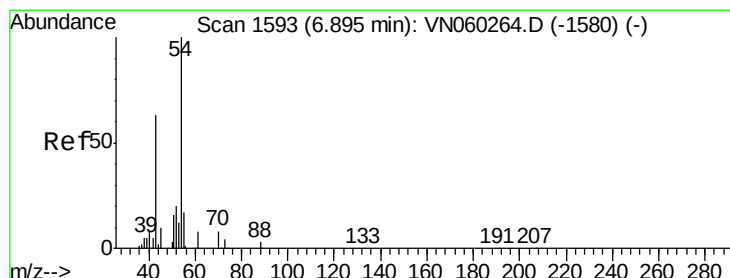
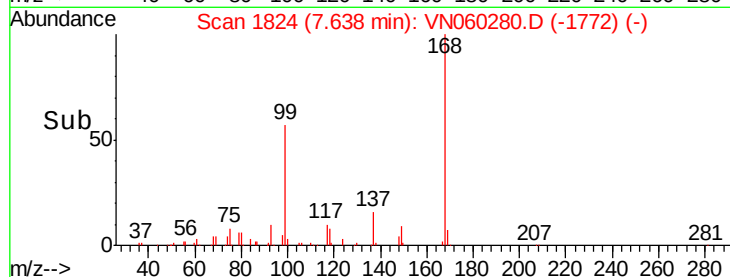
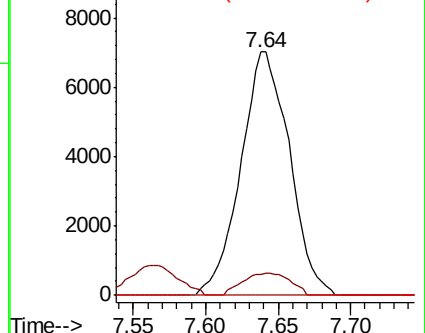
77 0.0 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): VN060264.D (-1841) (-)

Ion 109.90 (109.60 to 110.60): VN060264.D (-1841) (-)

Ion 76.90 (76.60 to 77.60): VN060264.D (-1841) (-)



#37

Ethyl Acetate

Concen: 0.214 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VN060280.D

Acq: 28 Feb 2020 13:33

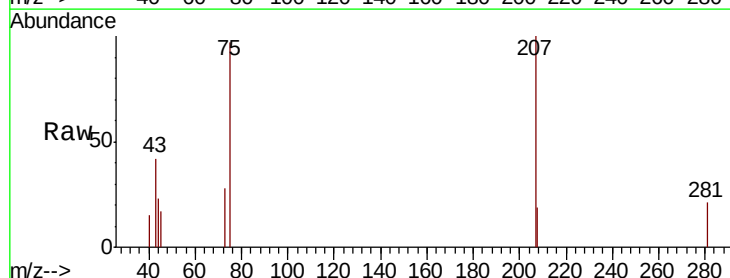
Tgt Ion: 43 Resp: 662

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

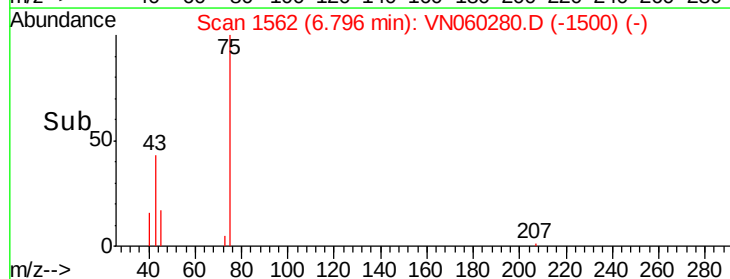
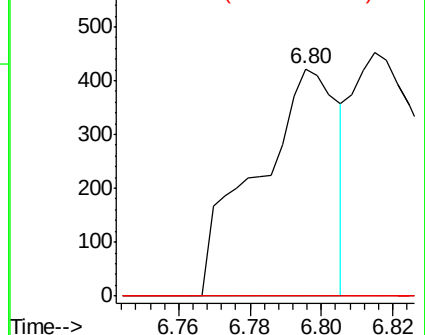
70 0.0 8.4 12.6#

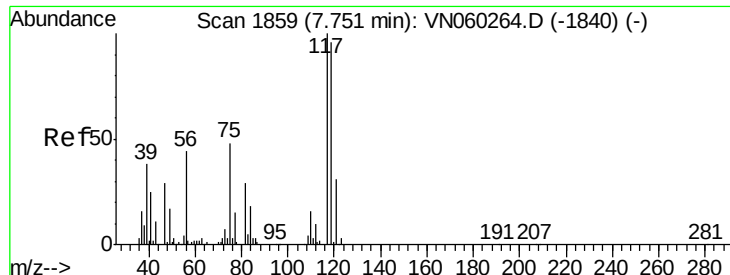


Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1580) (-)

Ion 60.90 (60.60 to 61.60): VN060264.D (-1580) (-)

Ion 70.00 (69.70 to 70.70): VN060264.D (-1580) (-)





#38

Carbon Tetrachloride

Concen: 6.409 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060280.D

Acq: 28 Feb 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

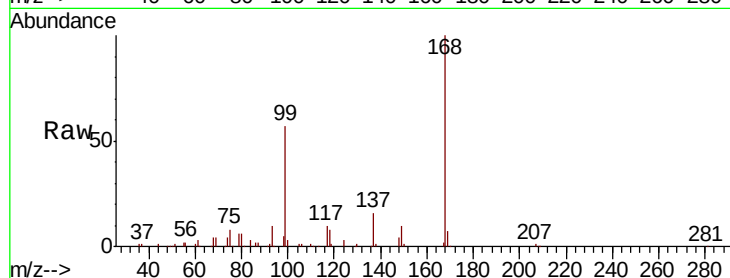
Tot Ion:117 Resp: 20363

Ion Ratio Lower Upper

117 100

119 5.4 76.7 115.1#

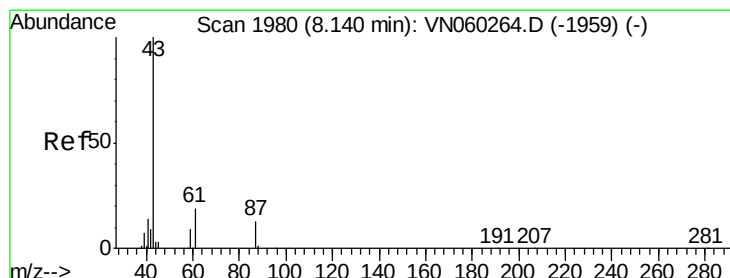
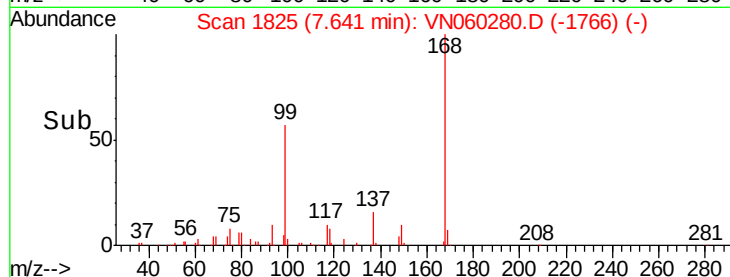
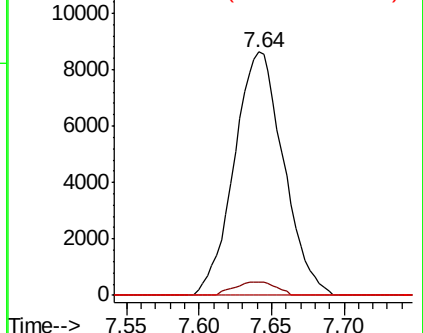
121 0.0 24.5 36.7#



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: 12.769 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060280.D

Acq: 28 Feb 2020 13:33

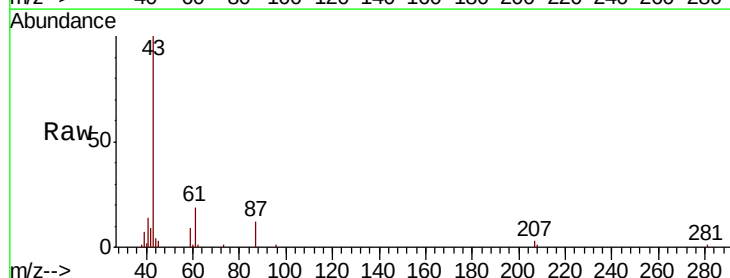
Tgt Ion: 43 Resp: 69079

Ion Ratio Lower Upper

43 100

61 19.4 20.9 31.3#

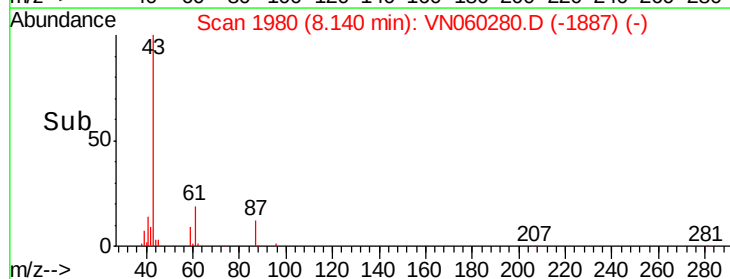
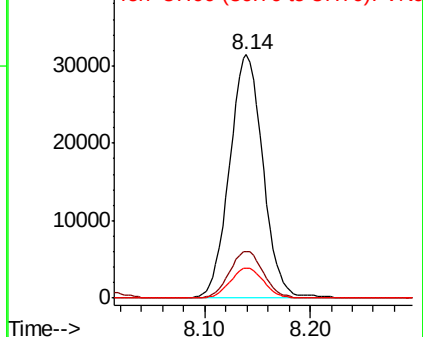
87 12.3 10.6 16.0

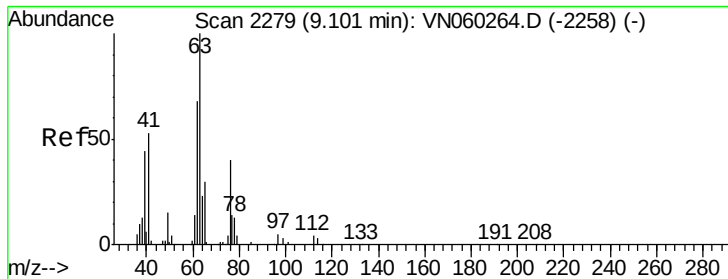


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

1,2-Dichloropropane

Concen: 0.553 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.15 min

Lab File: VN060280.D

Acq: 28 Feb 2020 13:33

Instrument :

MSVOA_N

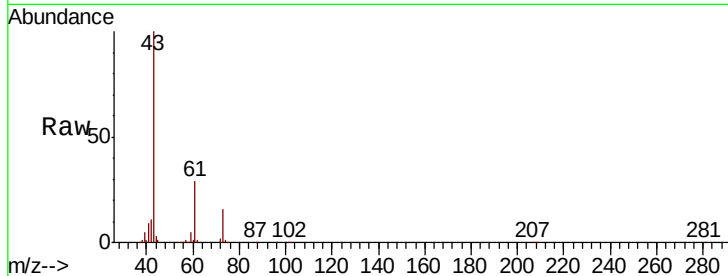
ClientSampleId :

Tot Ion: 63 Resp: 1374

Ion Ratio Lower Upper

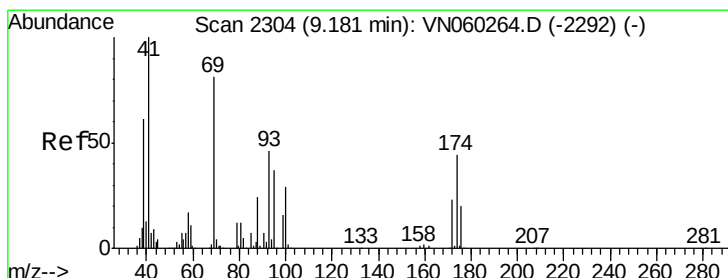
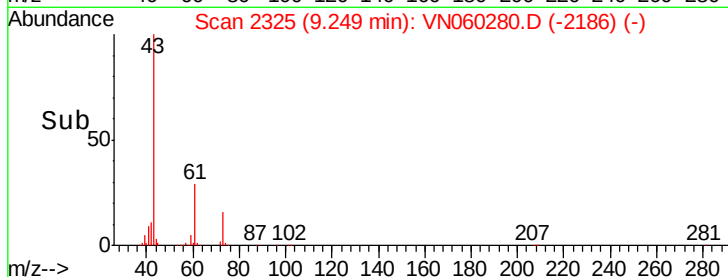
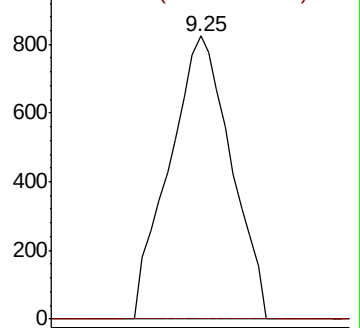
63 100

65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 1.377 ug/l

RT: 9.16 min Scan# 2296

Delta R.T. -0.03 min

Lab File: VN060280.D

Acq: 28 Feb 2020 13:33

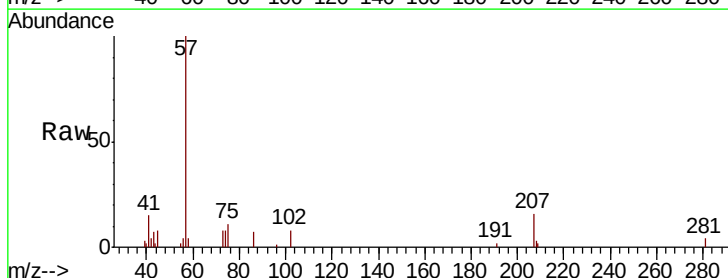
Tgt Ion: 41 Resp: 3397

Ion Ratio Lower Upper

41 100

69 0.0 66.7 100.1#

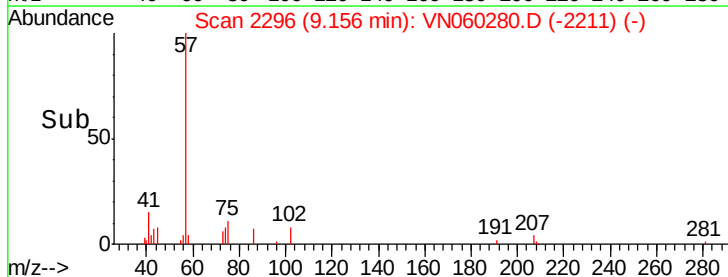
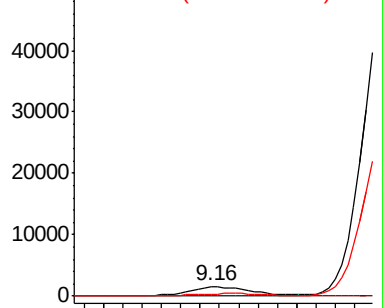
39 0.0 50.1 75.1#

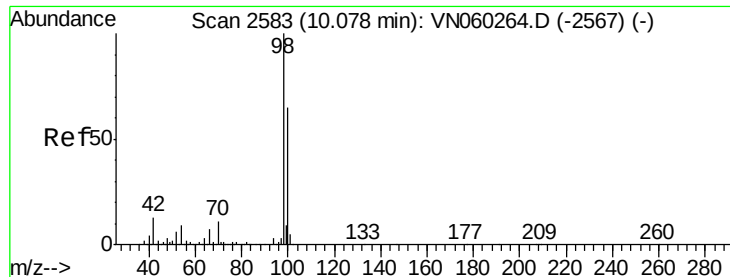


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 52.322 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060280.D

Acq: 28 Feb 2020 13:33

Instrument :

MSVOA_N

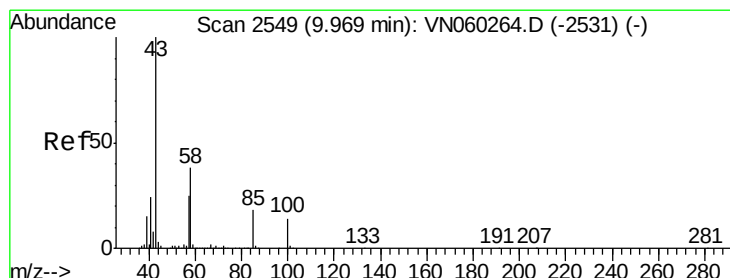
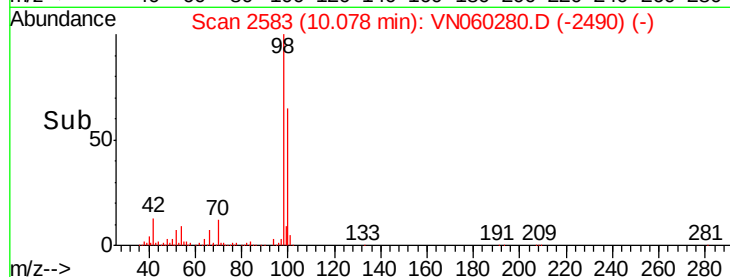
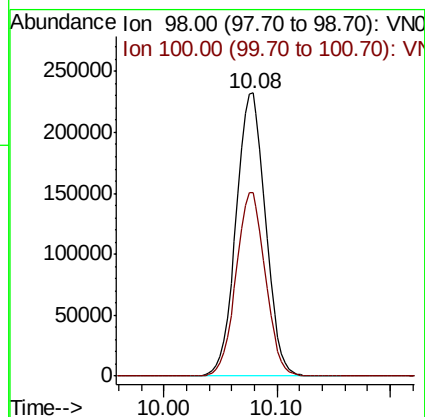
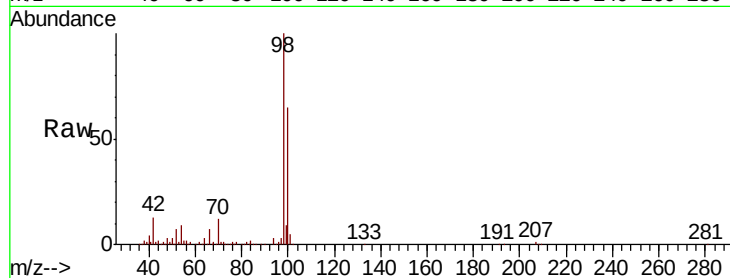
ClientSampled :

Tot Ion: 98 Resp: 420897

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 1.672 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060280.D

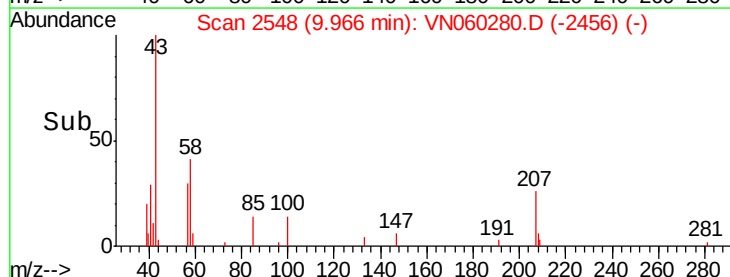
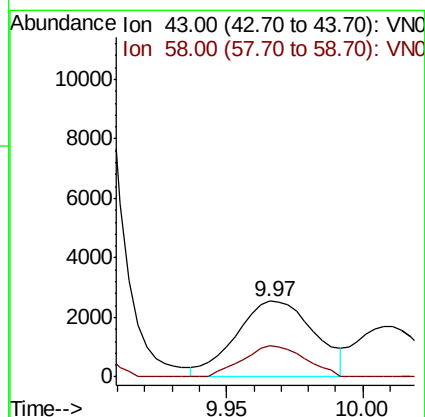
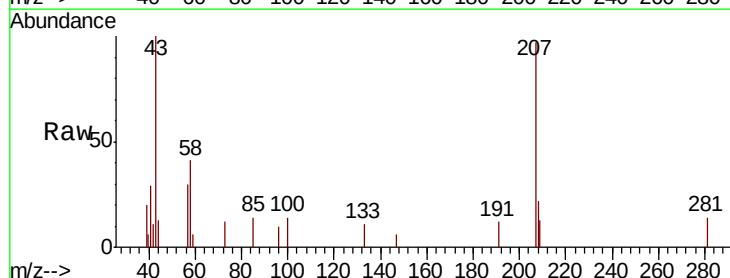
Acq: 28 Feb 2020 13:33

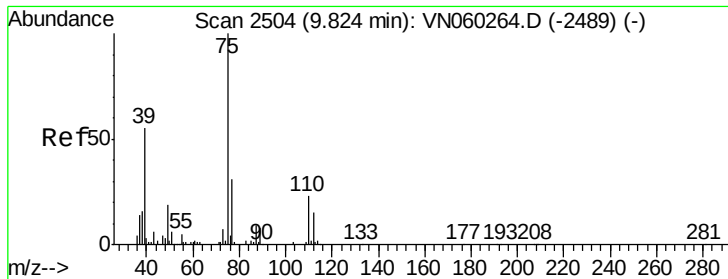
Tgt Ion: 43 Resp: 5127

Ion Ratio Lower Upper

43 100

58 32.1 30.9 46.3





#54

cis-1,3-Dichloropropene

Concen: 7.451 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.06 min

Lab File: VN060280.D

Acq: 28 Feb 2020 13:33

Instrument :

MSVOA_N

ClientSampled :

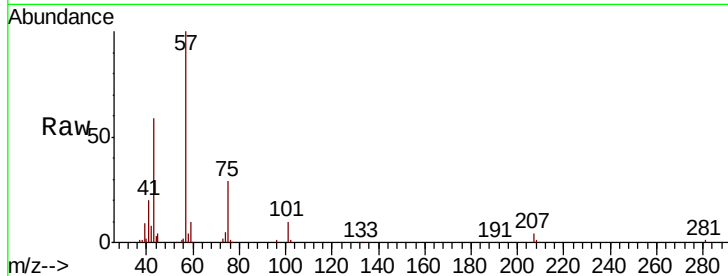
Tot Ion: 75 Resp: 31006

Ion Ratio Lower Upper

75 100

77 0.9 24.8 37.2#

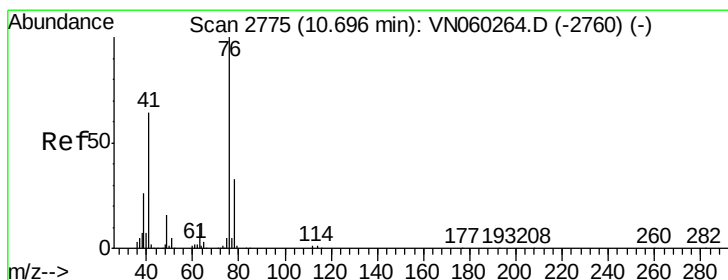
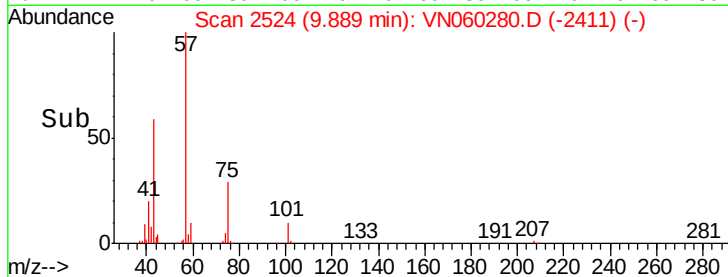
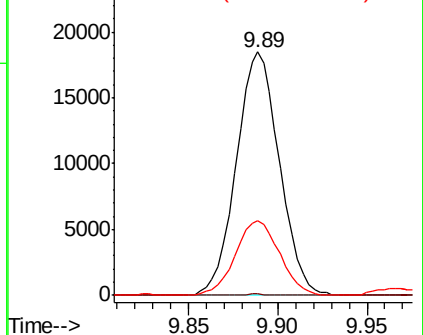
39 30.7 43.8 65.8#



Abundance Ion 74.90 (74.60 to 75.60): VN060280.D (-2411) (-)

Ion 76.90 (76.60 to 77.60): VN060280.D (-2411) (-)

Ion 39.00 (38.70 to 39.70): VN060280.D (-2411) (-)



#57

1,3-Dichloropropene

Concen: 1.247 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN060280.D

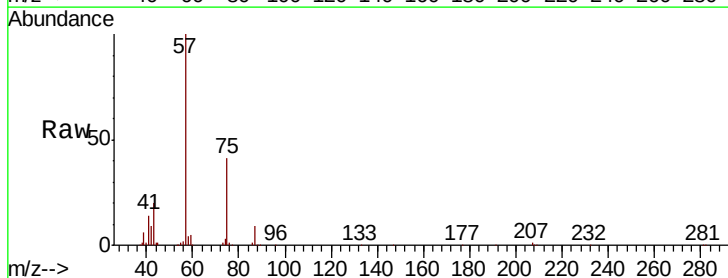
Acq: 28 Feb 2020 13:33

Tgt Ion: 76 Resp: 4878

Ion Ratio Lower Upper

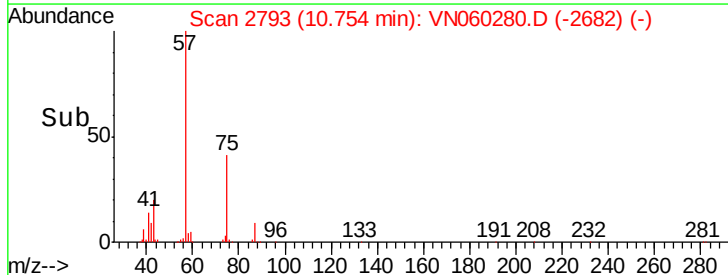
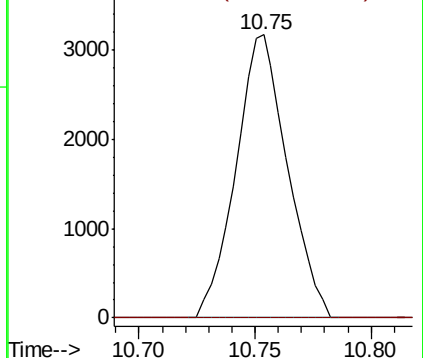
76 100

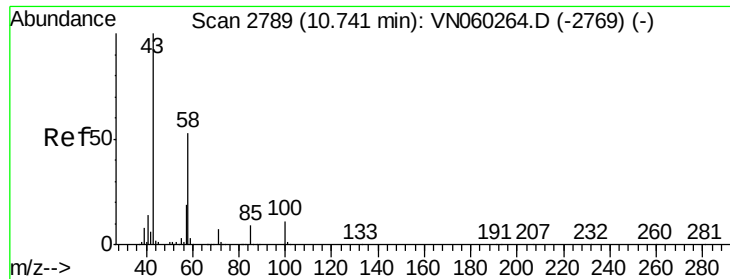
78 0.0 26.2 39.2#



Abundance Ion 75.90 (75.60 to 76.60): VN060280.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060280.D (-2682) (-)

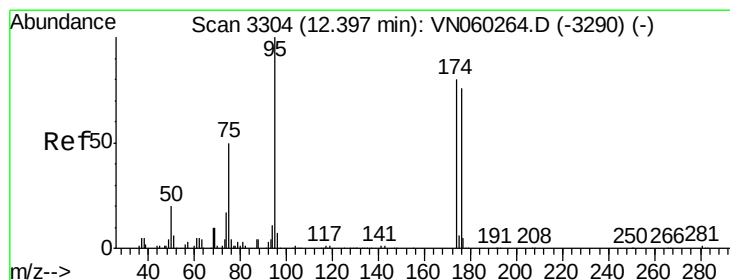
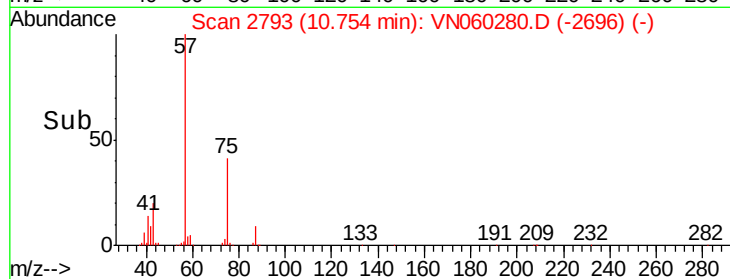
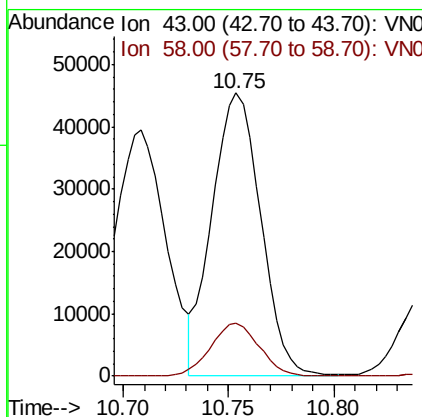
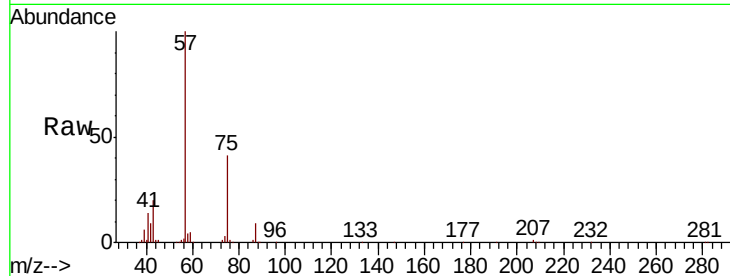




#59
2-Hexanone
Concen: 32.129 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN060280.D
Acq: 28 Feb 2020 13:33

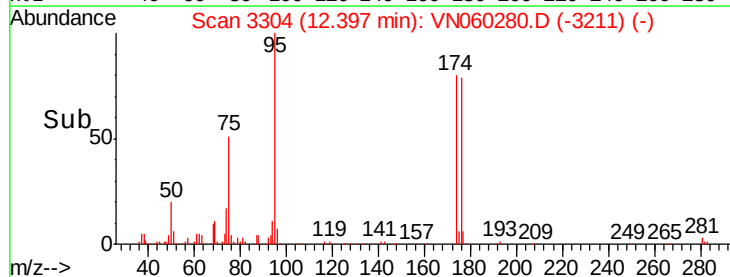
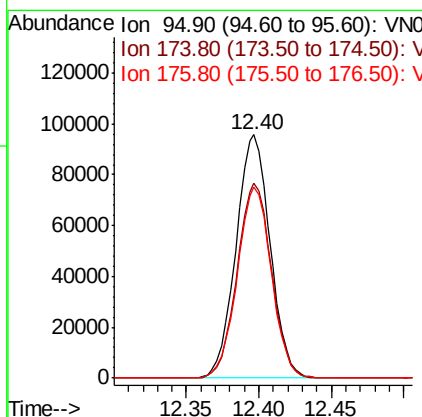
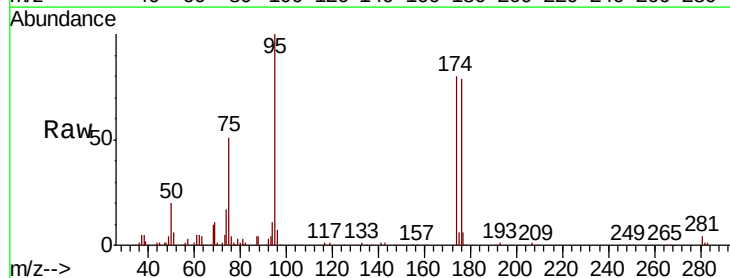
Instrument :
MSVOA_N
ClientSampleId :

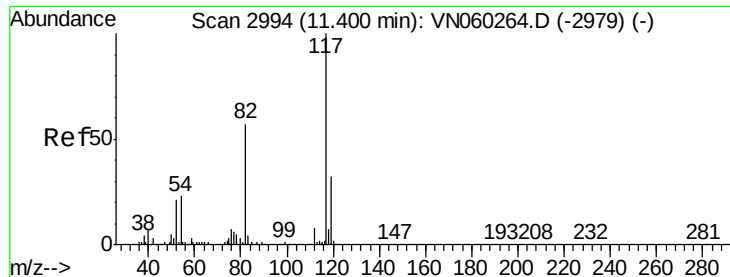
Tot Ion: 43 Resp: 72356
Ion Ratio Lower Upper
43 100
58 18.7 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: 51.271 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060280.D
Acq: 28 Feb 2020 13:33

Tgt Ion: 95 Resp: 156345
Ion Ratio Lower Upper
95 100
174 80.5 0.0 159.2
176 78.6 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: VN060280.D

Acq: 28 Feb 2020 13:33

Instrument :

MSVOA_N

ClientSampled :

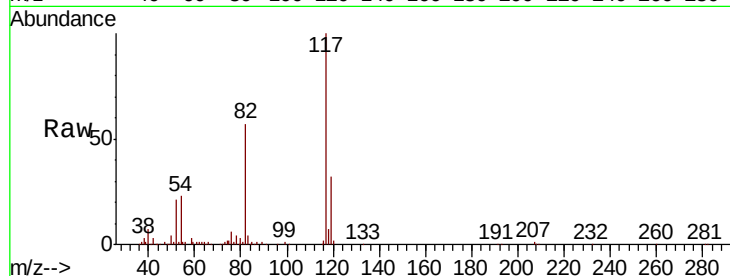
Tot Ion:117 Resp: 319044

Ion Ratio Lower Upper

117 100

82 56.6 45.8 68.6

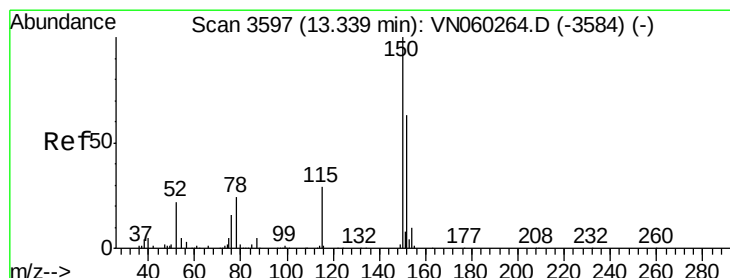
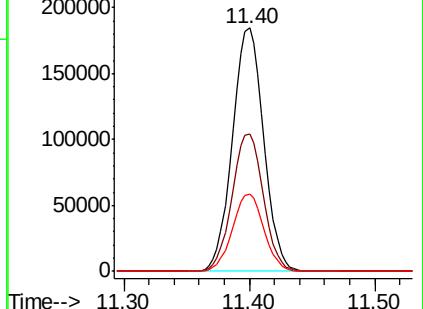
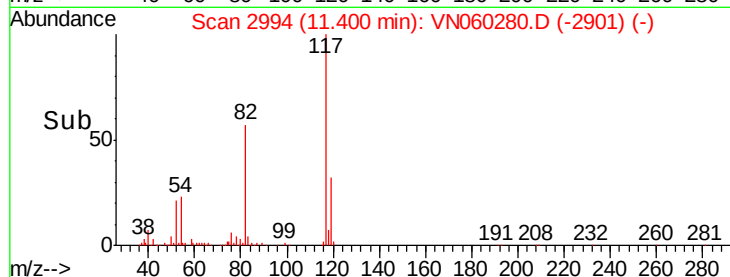
119 31.8 25.8 38.8



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: VN060280.D

Acq: 28 Feb 2020 13:33

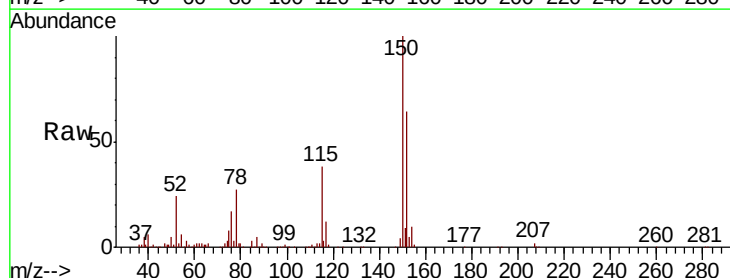
Tgt Ion:152 Resp: 150974

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

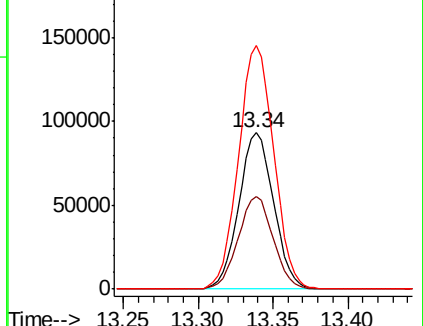
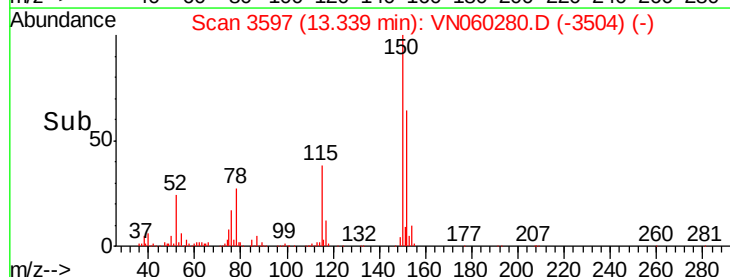
150 158.0 0.0 349.6

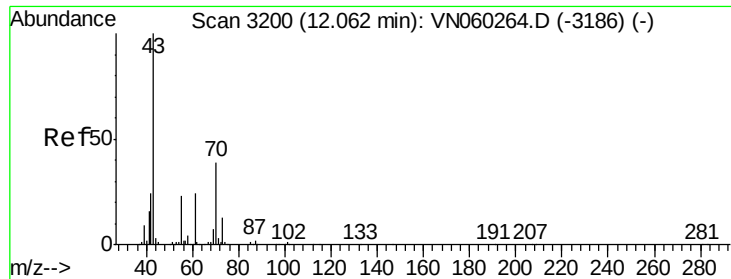


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

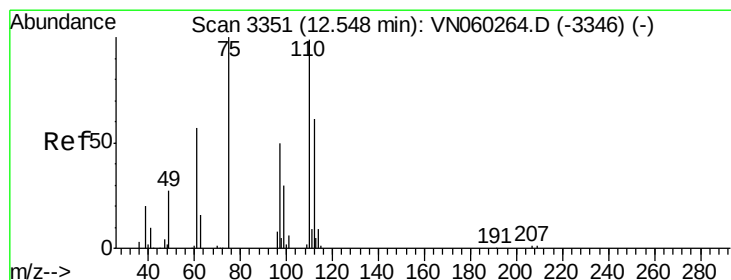
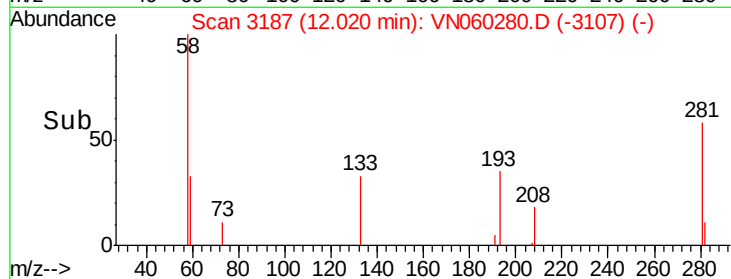
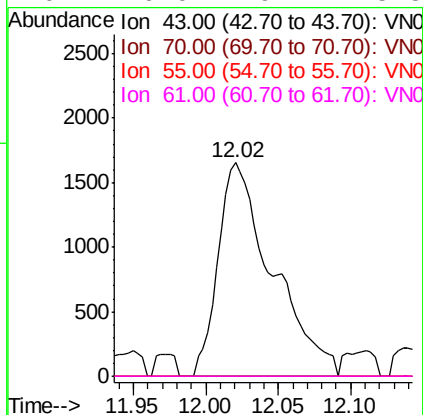
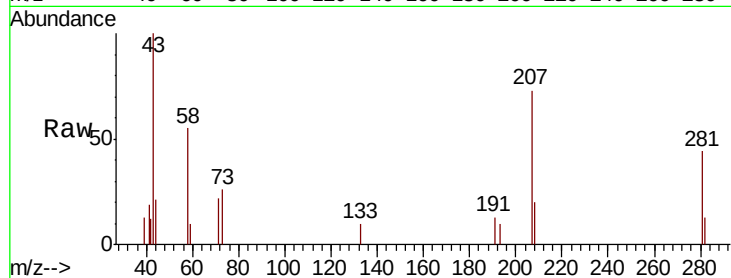




#74
N-amyl acetate
Concen: 0.881 ug/l
RT: 12.02 min Scan# 3187
Delta R.T. -0.04 min
Lab File: VN060280.D
Acq: 28 Feb 2020 13:33

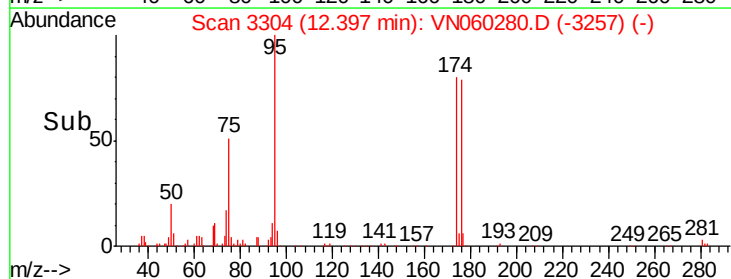
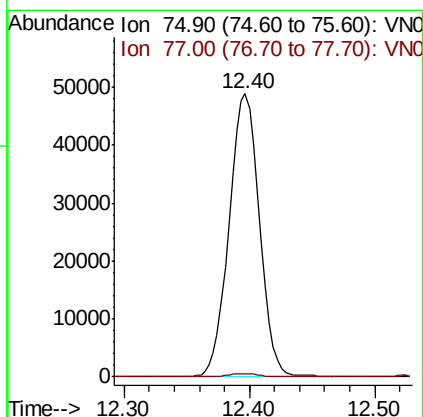
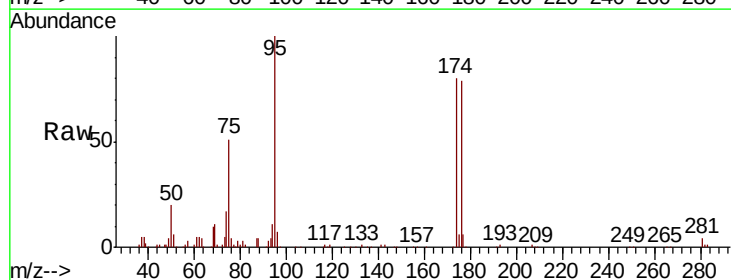
Instrument :
MSVOA_N
ClientSampleId :

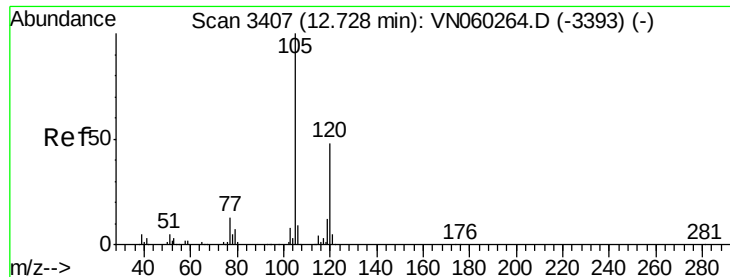
Tot Ion:	43	Resp:	4306
Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.2	48.2#
55	0.0	18.2	27.4#
61	0.0	19.2	28.8#



#76
1,2,3-Trichloropropane
Concen: 24.758 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN060280.D
Acq: 28 Feb 2020 13:33

Tgt Ion:	75	Resp:	82008
Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#80

1,3,5-Trimethylbenzene

Concen: 1.134 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060280.D

Acq: 28 Feb 2020 13:33

Instrument :

MSVOA_N

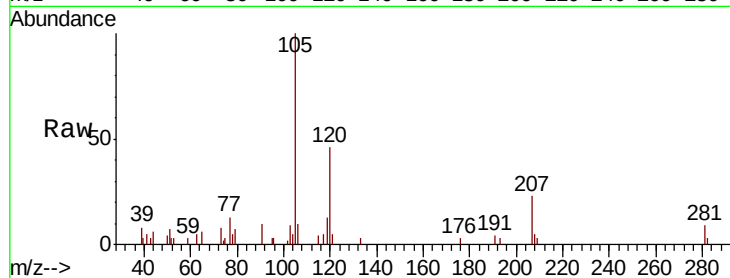
ClientSampleId :

Tot Ion:105 Resp: 10686

Ion Ratio Lower Upper

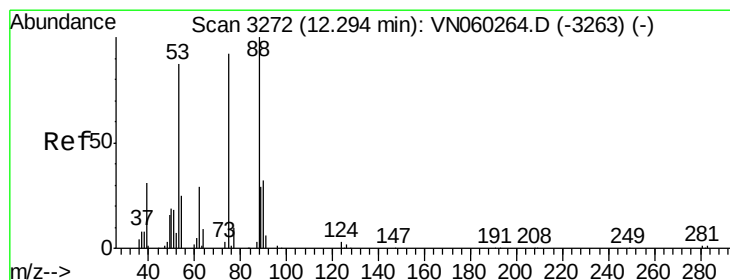
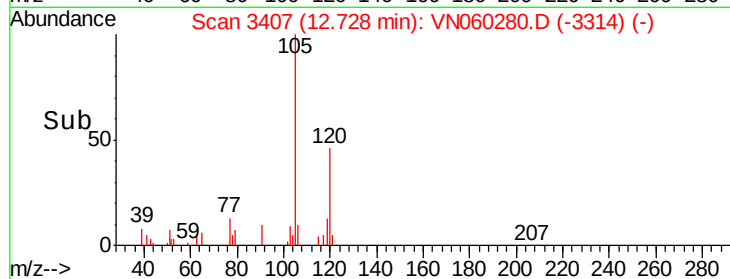
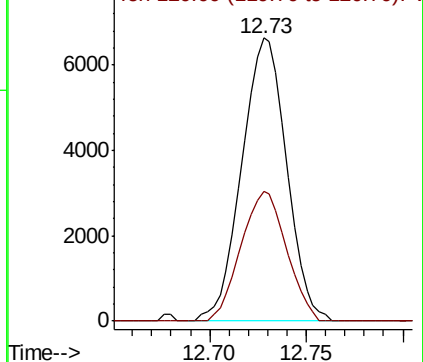
105 100

120 46.4 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: 68.344 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060280.D

Acq: 28 Feb 2020 13:33

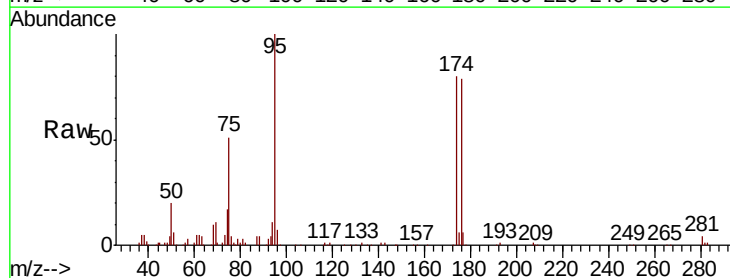
Tgt Ion: 75 Resp: 82008

Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

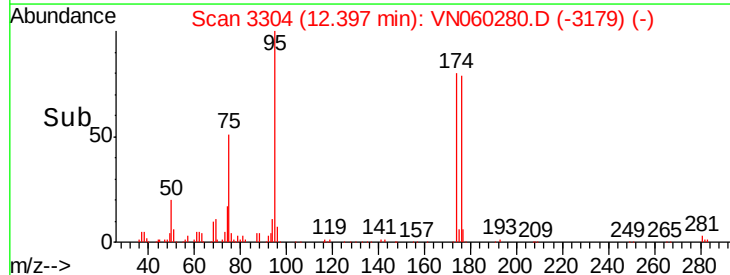
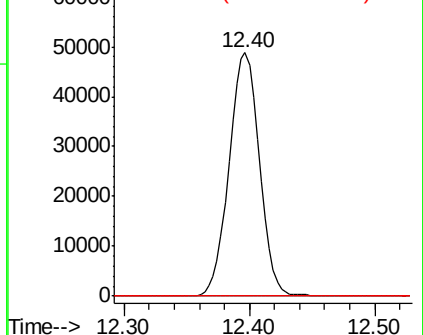
89 0.0 57.1 85.7#

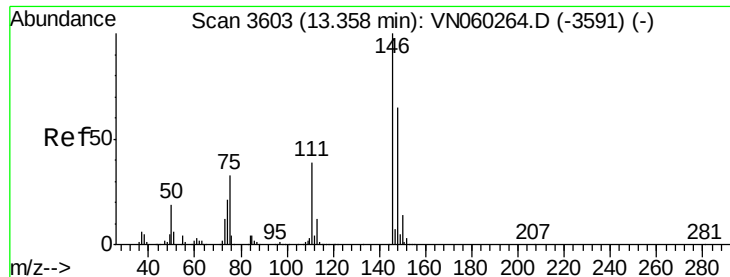


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

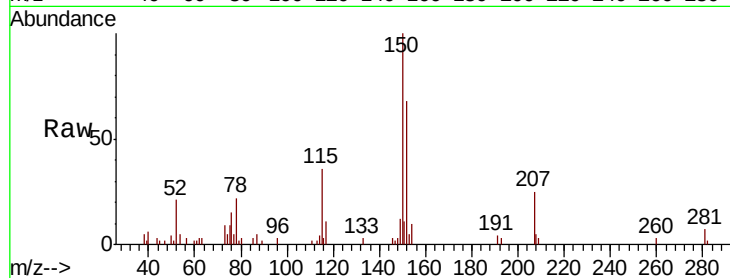




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.01 min
 Lab File: VN060280.D
 Acq: 28 Feb 2020 13:33

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.8	59.4#
148	0.0	32.3	96.9#

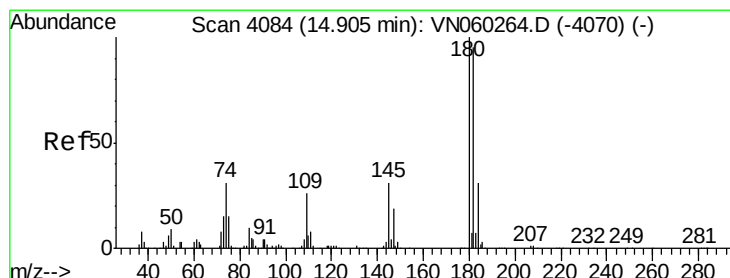
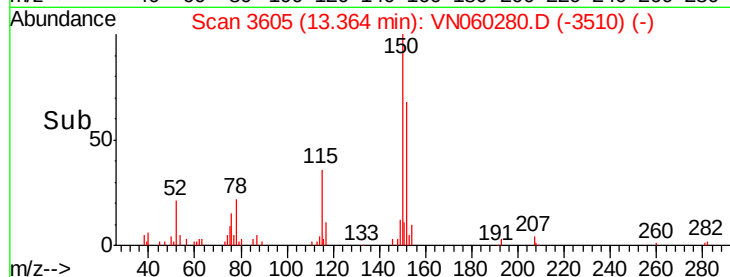
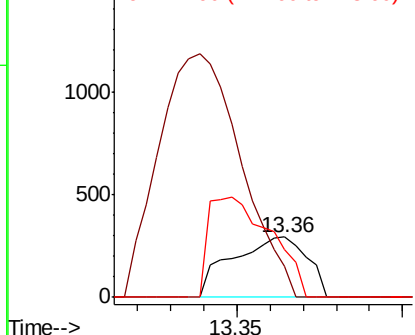


Abundance

Ion 145.90 (145.60 to 146.60): V

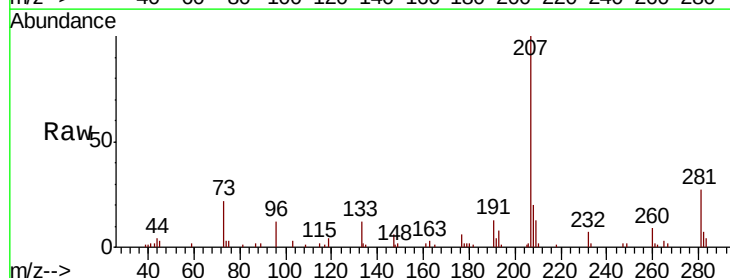
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93
 1,2,4-Trichlorobenzene
 Concen: 0.208 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.01 min
 Lab File: VN060280.D
 Acq: 28 Feb 2020 13:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	52.6	47.8	143.3
145	0.0	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

