

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022020\
 Data File : VN060166.D
 Acq On : 20 Feb 2020 12:30
 Operator : JC/MD
 Sample : L1581-02ME 10X
 Misc : 3.42g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 21 02:22:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	173501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	269687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	255973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	112747	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	101034	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
35) Dibromofluoromethane	7.56	113	80801	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	10.08	98	329569	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.40	95	116889	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.72	59	121	0.383	ug/l #	72
16) Acetone	3.78	43	85342	92.672	ug/l	99
17) Carbon Disulfide	4.03	76	1113	0.225	ug/l #	76
31) Cyclohexane	7.61	56	12843	4.301	ug/l #	52
36) 1,1-Dichloropropene	7.64	75	12484	4.998	ug/l #	48
38) Carbon Tetrachloride	7.64	117	16200	5.972	ug/l #	15
39) Methylcyclohexane	9.07	83	5741	1.851	ug/l #	88
43) Isopropyl Acetate	8.13	43	7693	1.993	ug/l #	54
48) Methyl methacrylate	9.13	41	1442	0.833	ug/l #	26
51) 4-Methyl-2-Pentanone	9.97	43	1270	0.569	ug/l #	75
52) Toluene	10.14	92	522090	109.875	ug/l	99
53) t-1,3-Dichloropropene	10.14	75	6007	2.019	ug/l #	1
59) 2-Hexanone	10.75	43	1440	0.835	ug/l	78
67) Ethyl Benzene	11.51	91	2559	0.272	ug/l	95
68) m/p-Xylenes	11.62	106	1765	0.500	ug/l	93
69) o-Xylene	11.94	106	838	0.247	ug/l	96
74) N-amyl acetate	12.07	43	1229	0.405	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	59736	27.693	ug/l #	100
78) n-propylbenzene	12.59	91	2323	0.242	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	59736	67.806	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	3042	0.440	ug/l	96
85) sec-Butylbenzene	13.17	105	1914	0.233	ug/l	93
86) p-Isopropyltoluene	13.29	119	1613	0.217	ug/l	90
87) 1,3-Dichlorobenzene	13.28	146	872	0.236	ug/l	92
88) 1,4-Dichlorobenzene	13.28	146	872	0.236	ug/l	93
89) n-Butylbenzene	13.61	91	3067	0.469	ug/l	98
90) Hexachloroethane	13.89	117	465	0.335	ug/l #	8
91) 1,2-Dichlorobenzene	13.65	146	912	0.252	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.27	75	298	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	2128	1.001	ug/l	100
94) Hexachlorobutadiene	15.01	225	720	0.578	ug/l	85
95) Naphthalene	15.13	128	9129	1.589	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	2594	1.225	ug/l	94

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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 21 02:22:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

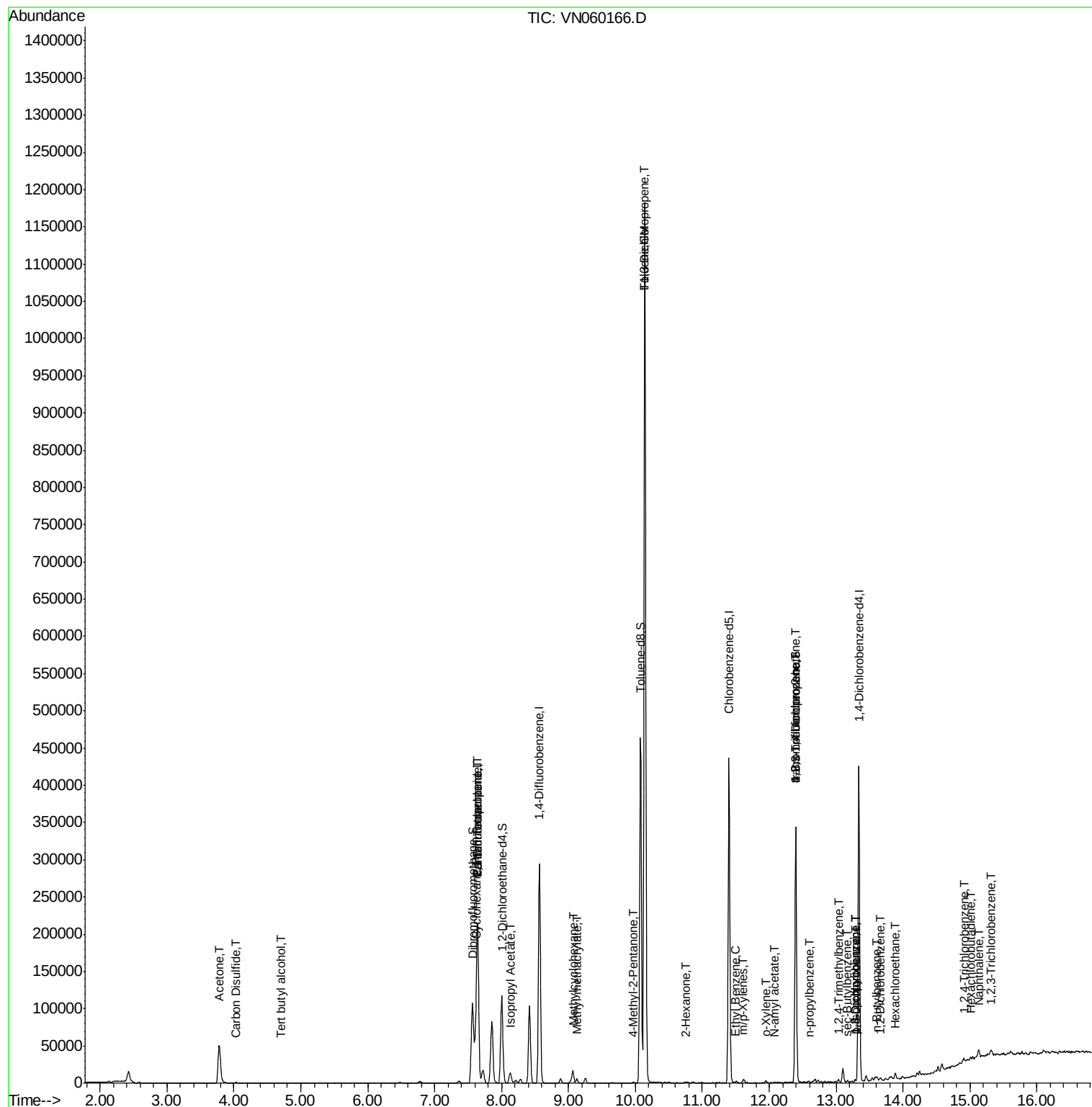
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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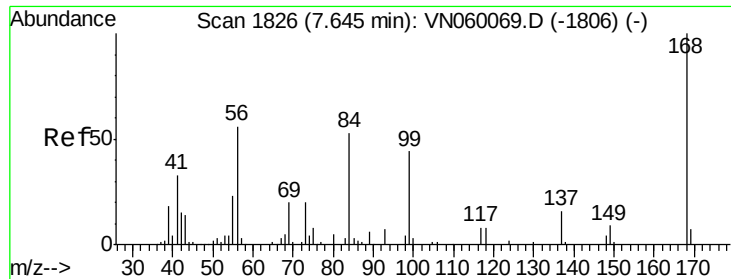
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022020\
Data File : VN060166.D
Acq On : 20 Feb 2020 12:30
Operator : JC/MD
Sample : L1581-02ME 10X
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Quant Time: Feb 21 02:22:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 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: VN060166.D

Acq: 20 Feb 2020 12:30

Instrument :

MSVOA_N

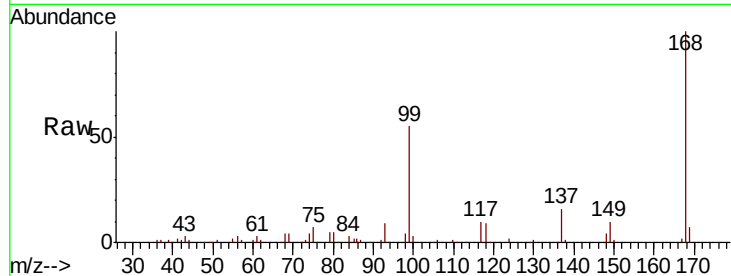
ClientSampled :

Tot Ion:168 Resp: 173501

Ion Ratio Lower Upper

168 100

99 55.2 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

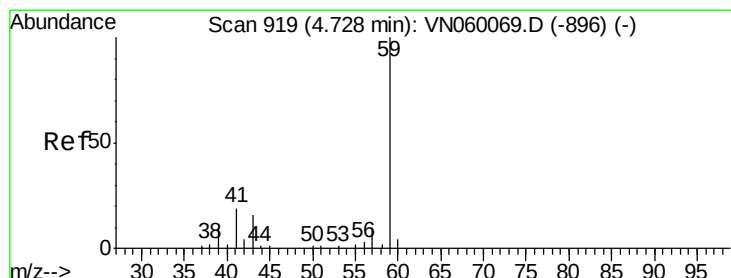
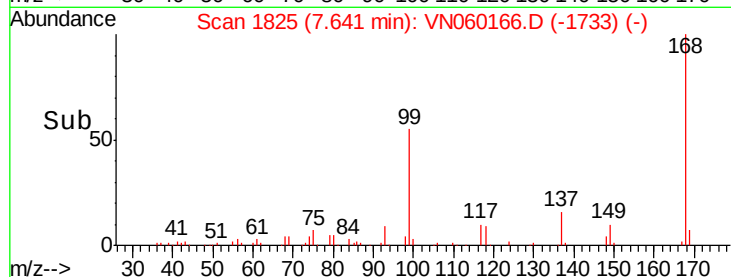
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.383 ug/l

RT: 4.72 min Scan# 915

Delta R.T. -0.01 min

Lab File: VN060166.D

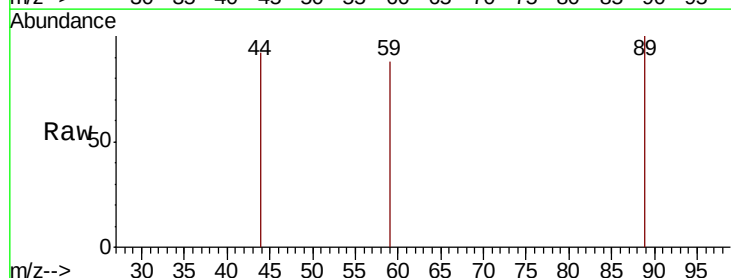
Acq: 20 Feb 2020 12:30

Tgt Ion: 59 Resp: 121

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.72

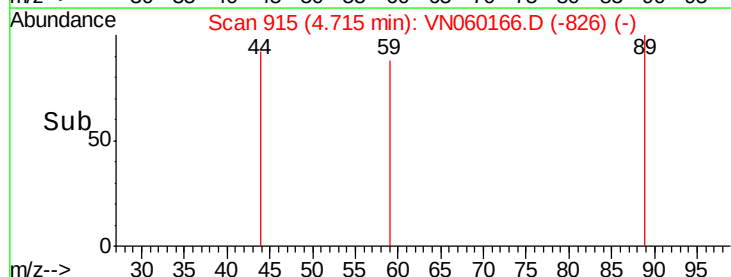
150

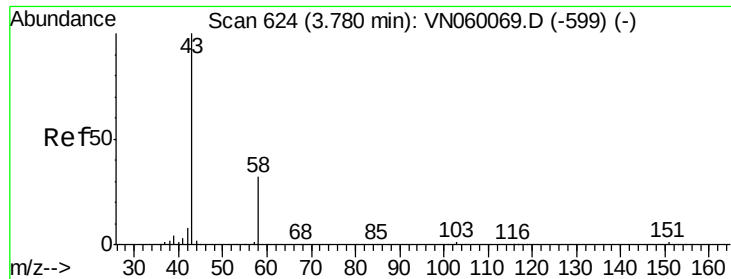
100

50

0

Time--> 4.70 4.71 4.72 4.73





#16

Acetone

Concen: 92.672 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060166.D

Acq: 20 Feb 2020 12:30

Instrument :

MSVOA_N

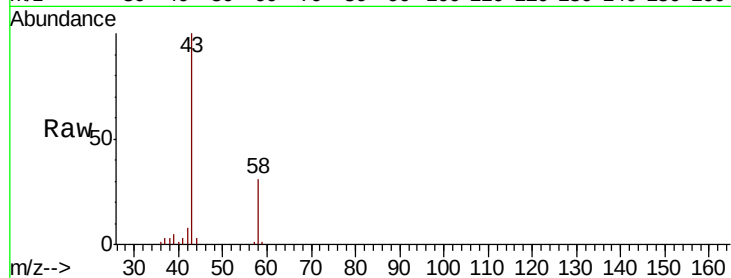
ClientSampled :

Tot Ion: 43 Resp: 85342

Ion Ratio Lower Upper

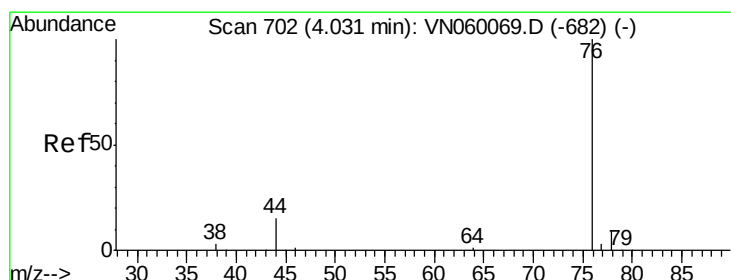
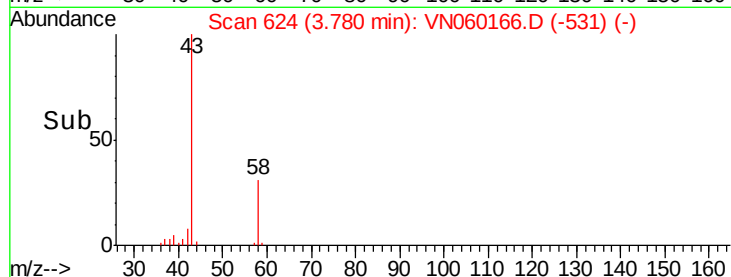
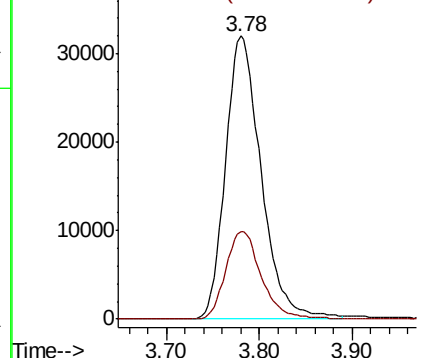
43 100

58 30.8 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060166.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN060166.D (-599) (-)



#17

Carbon Disulfide

Concen: 0.225 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN060166.D

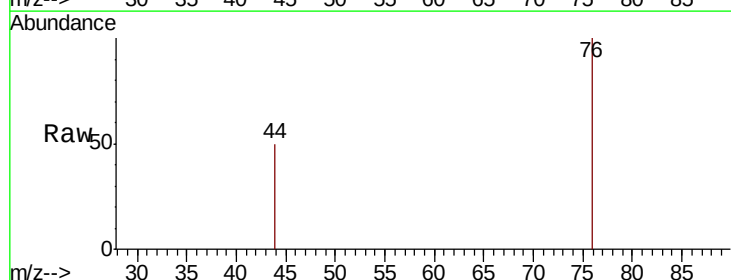
Acq: 20 Feb 2020 12:30

Tgt Ion: 76 Resp: 1113

Ion Ratio Lower Upper

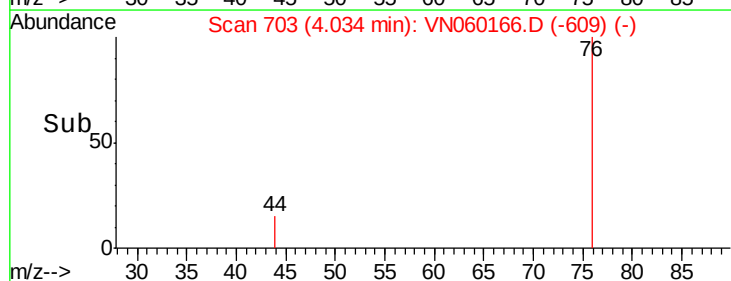
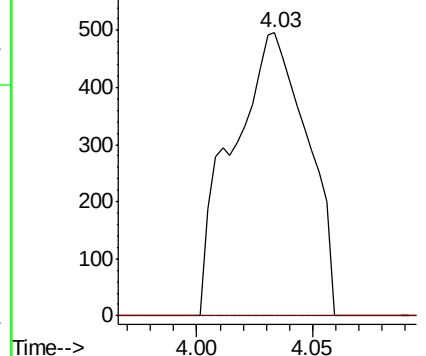
76 100

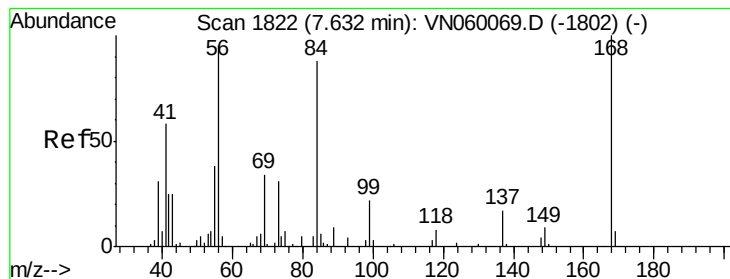
78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN060166.D (-682) (-)

Ion 77.90 (77.60 to 78.60): VN060166.D (-682) (-)





#31

Cyclohexane

Concen: 4.301 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.02 min

Lab File: VN060166.D

Acq: 20 Feb 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

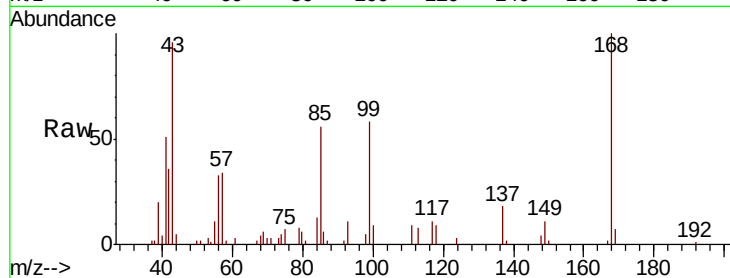
Tot Ion: 56 Resp: 12843

Ion Ratio Lower Upper

56 100

69 17.9 28.3 42.5#

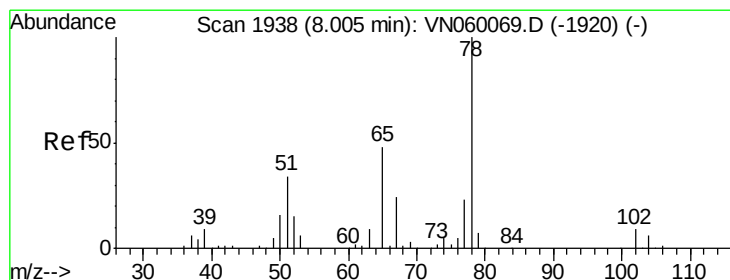
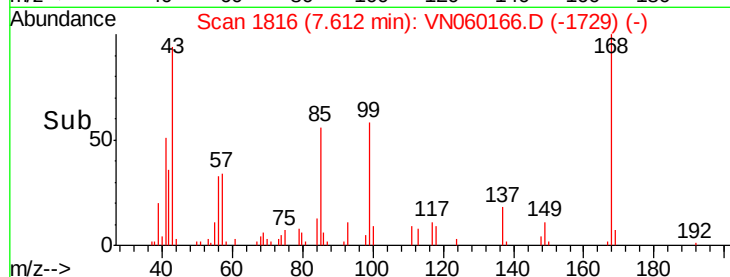
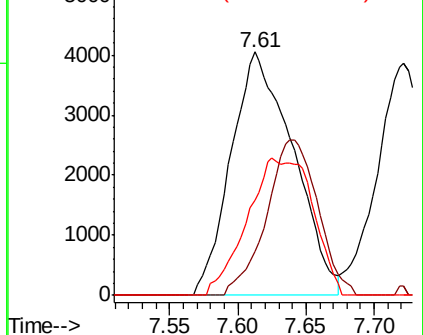
84 38.9 72.6 108.8#



Abundance Ion 56.00 (55.70 to 56.70): VN060069.D (-1802) (-)

Ion 69.00 (68.70 to 69.70): VN060069.D (-1802) (-)

Ion 84.00 (83.70 to 84.70): VN060069.D (-1802) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.856 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060166.D

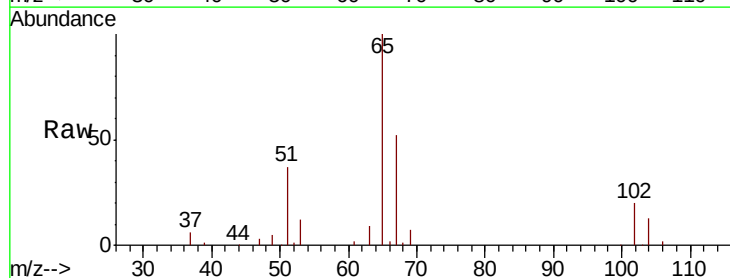
Acq: 20 Feb 2020 12:30

Tgt Ion: 65 Resp: 101034

Ion Ratio Lower Upper

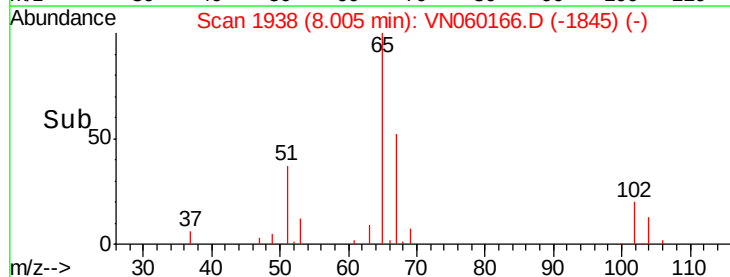
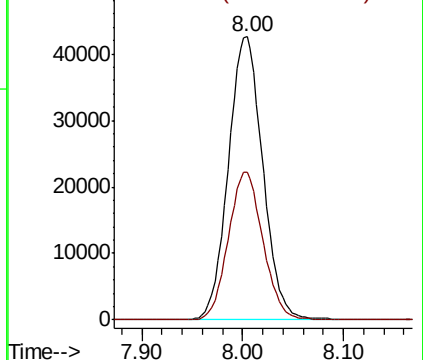
65 100

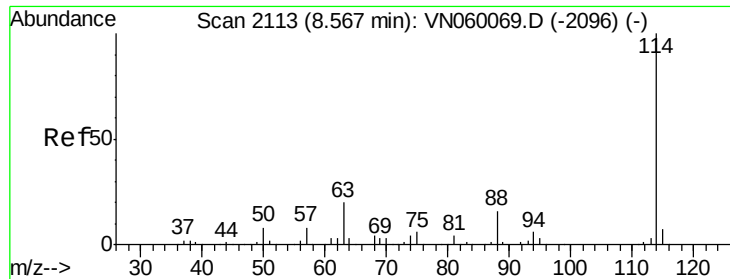
67 52.2 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN060069.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060069.D (-1920) (-)

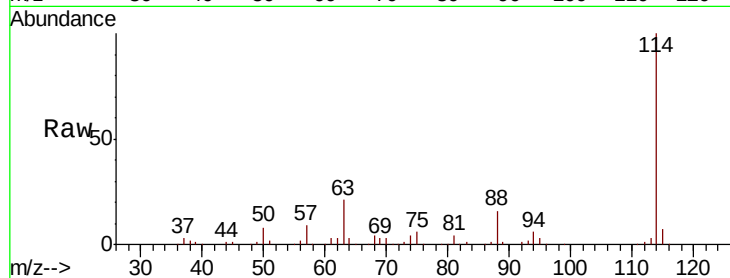




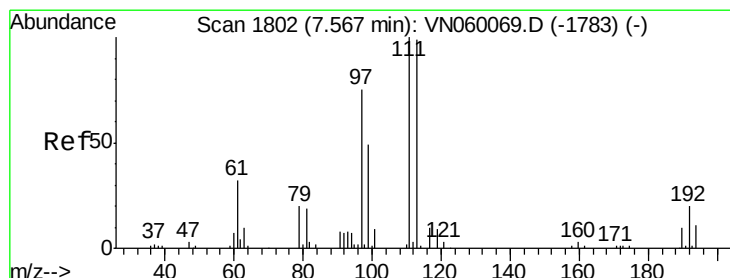
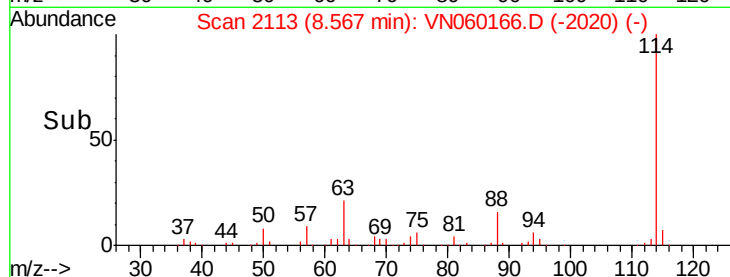
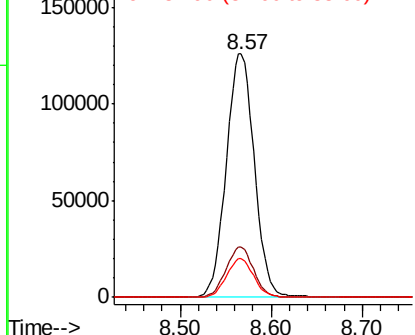
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060166.D
Acq: 20 Feb 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 269687
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.0
88 15.9 0.0 31.6

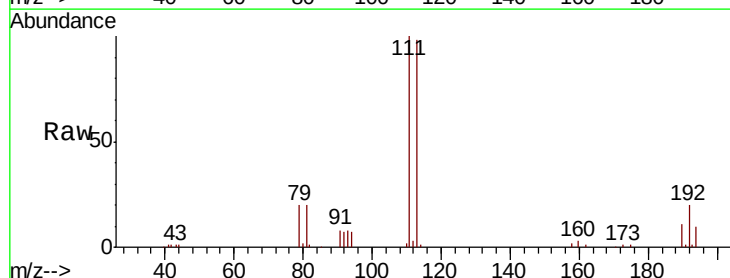


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

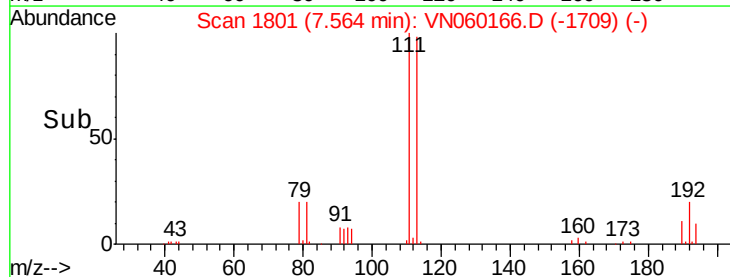
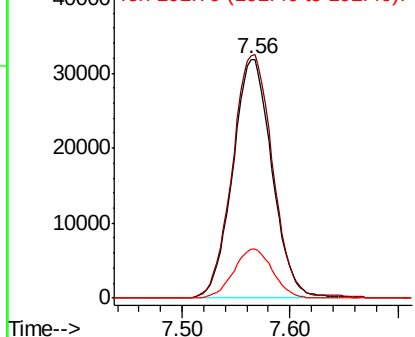


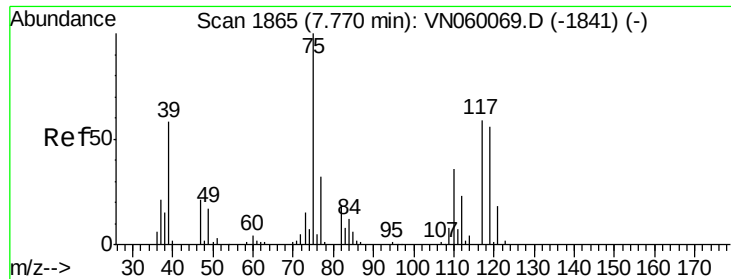
#35
Dibromofluoromethane
Concen: 48.741 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060166.D
Acq: 20 Feb 2020 12:30

Tgt Ion:113 Resp: 80801
Ion Ratio Lower Upper
113 100
111 104.9 81.4 122.2
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

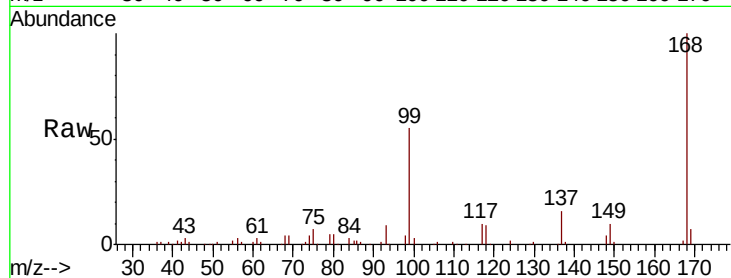




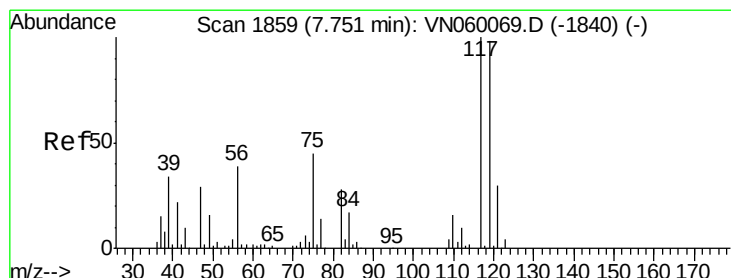
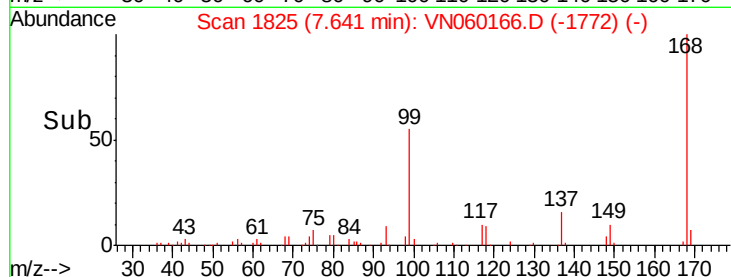
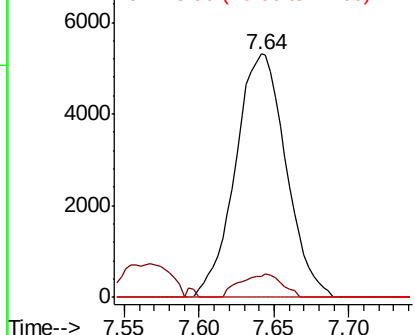
#36
 1,1-Dichloropropene
 Concen: 4.998 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060166.D
 Acq: 20 Feb 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.1	54.3#
77	0.0	25.1	37.7#

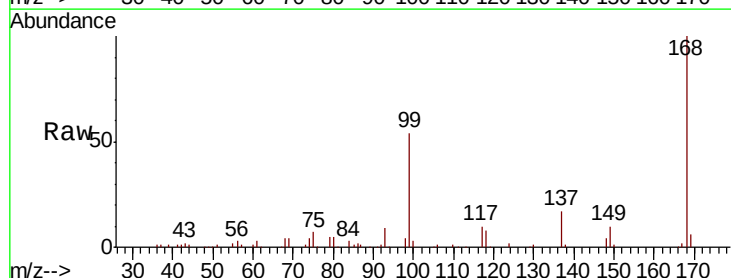


Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-1841) (-)
 Ion 109.90 (109.60 to 110.60): VN060069.D (-1841) (-)
 Ion 76.90 (76.60 to 77.60): VN060069.D (-1841) (-)

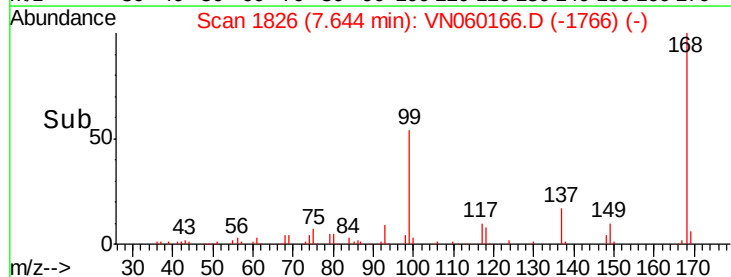
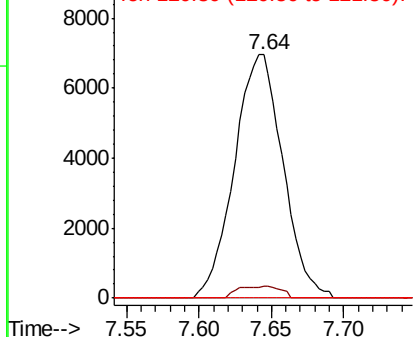


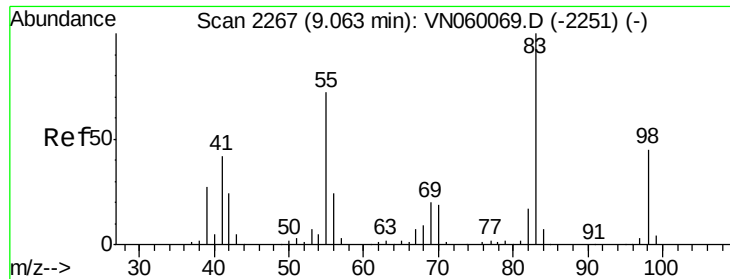
#38
 Carbon Tetrachloride
 Concen: 5.972 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN060166.D
 Acq: 20 Feb 2020 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	78.2	117.4#
121	0.0	24.2	36.2#



Abundance Ion 116.80 (116.50 to 117.50): VN060069.D (-1840) (-)
 Ion 118.80 (118.50 to 119.50): VN060069.D (-1840) (-)
 Ion 120.80 (120.50 to 121.50): VN060069.D (-1840) (-)

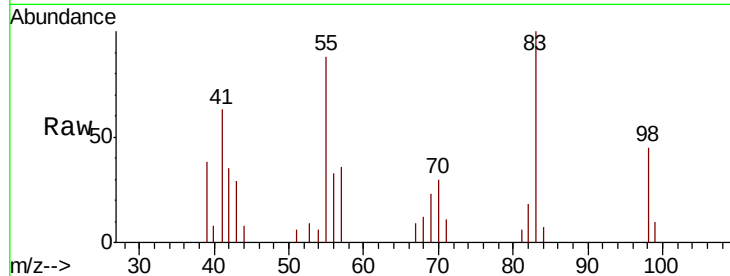




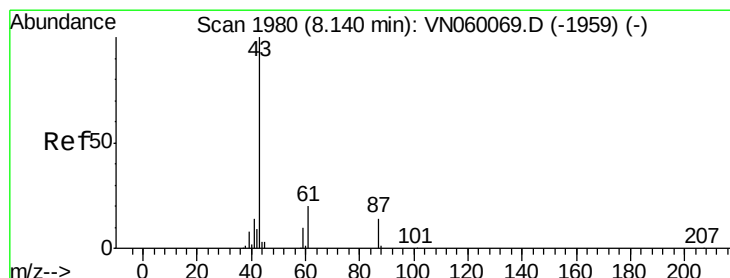
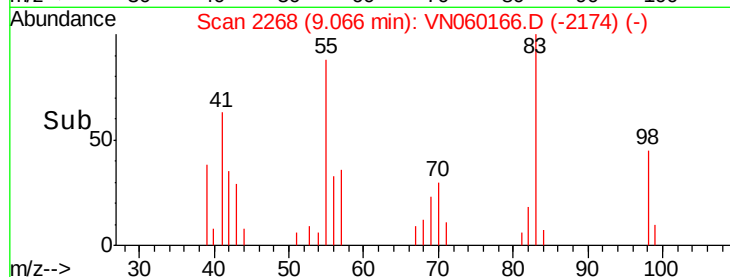
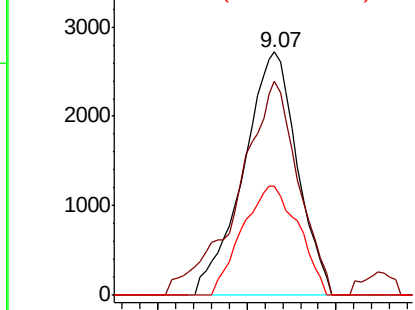
#39
Methylcyclohexane
Concen: 1.851 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060166.D
Acq: 20 Feb 2020 12:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 5741
Ion Ratio Lower Upper
83 100
55 88.1 57.8 86.8#
98 44.7 36.4 54.6

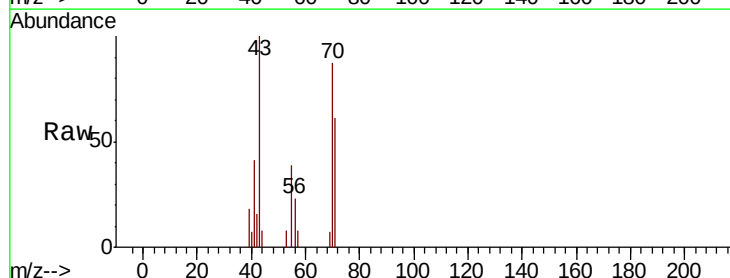


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

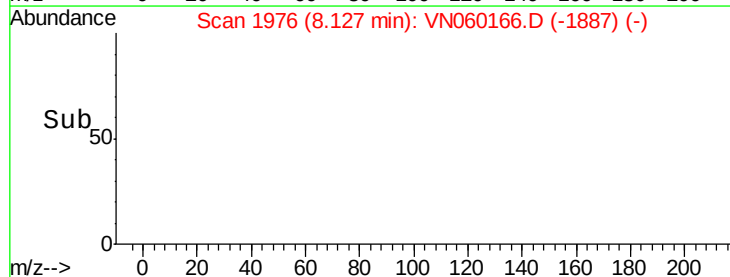
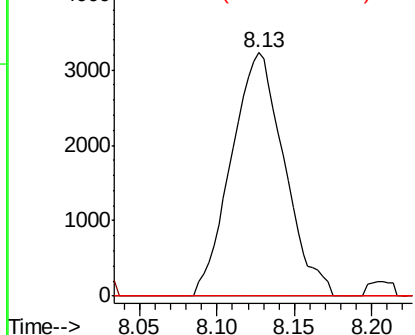


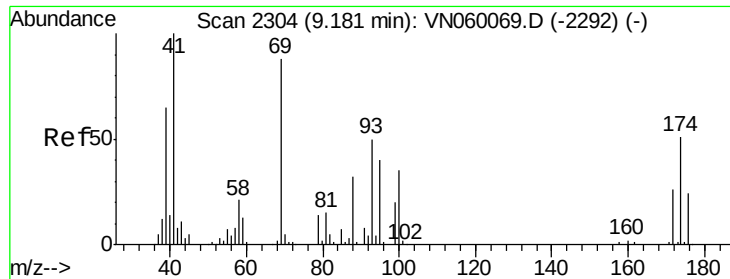
#43
Isopropyl Acetate
Concen: 1.993 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.01 min
Lab File: VN060166.D
Acq: 20 Feb 2020 12:30

Tgt Ion: 43 Resp: 7693
Ion Ratio Lower Upper
43 100
61 0.0 21.8 32.6#
87 0.0 11.4 17.2#



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

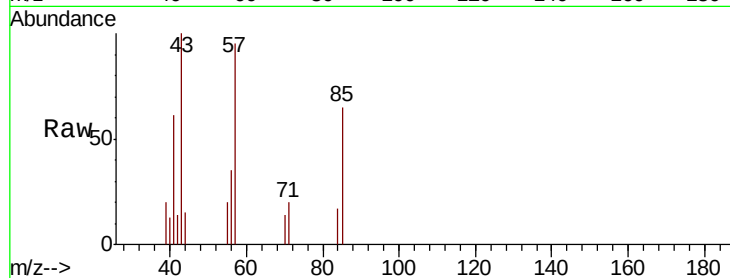




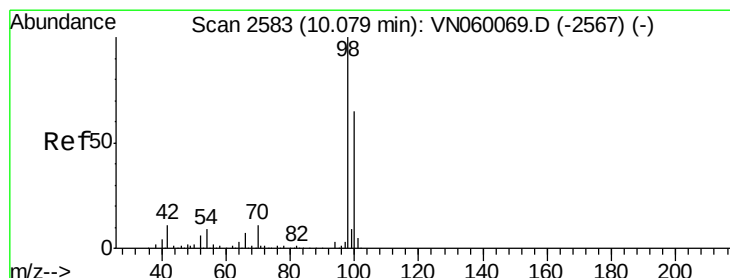
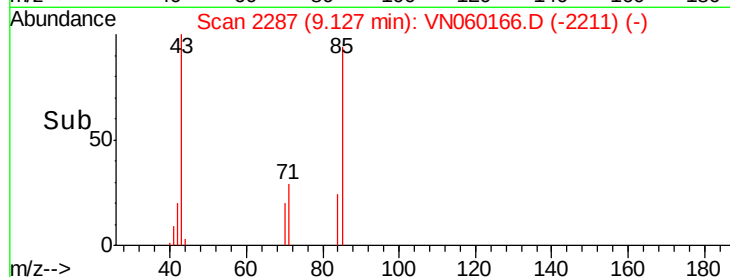
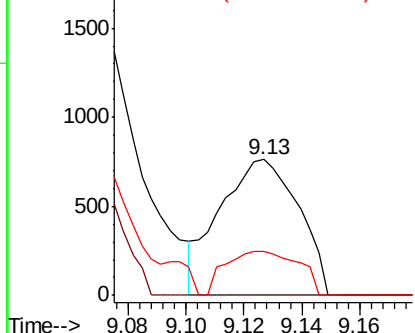
#48
Methyl methacrylate
Concen: 0.833 ug/l
RT: 9.13 min Scan# 2287
Delta R.T. -0.05 min
Lab File: VN060166.D
Acq: 20 Feb 2020 12:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 1442
Ion Ratio Lower Upper
41 100
69 0.0 72.0 108.0#
39 30.2 54.1 81.1#

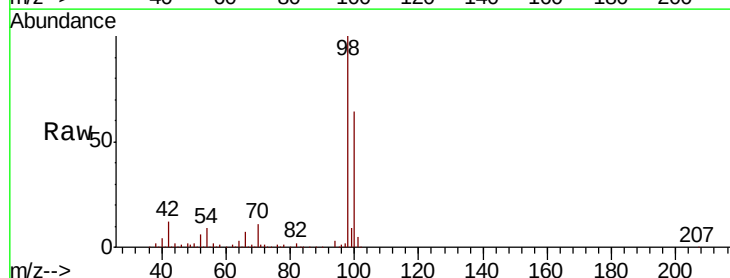


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

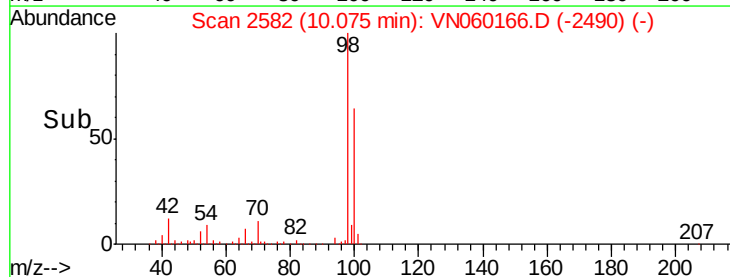
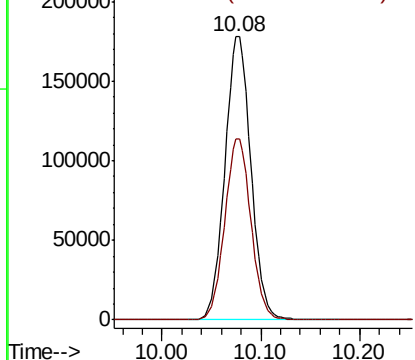


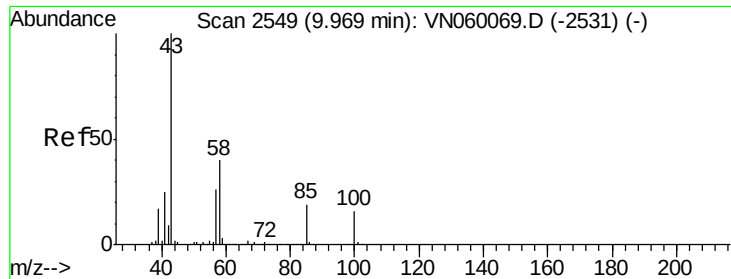
#50
Toluene-d8
Concen: 50.484 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060166.D
Acq: 20 Feb 2020 12:30

Tgt Ion: 98 Resp: 329569
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 0.569 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN060166.D

Acq: 20 Feb 2020 12:30

Instrument :

MSVOA_N

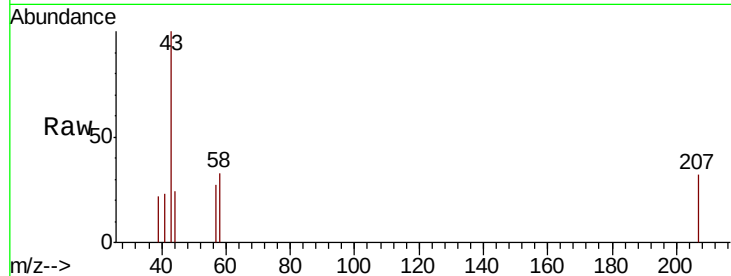
ClientSampleId :

Tot Ion: 43 Resp: 1270

Ion Ratio Lower Upper

43 100

58 24.4 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.97

800

600

400

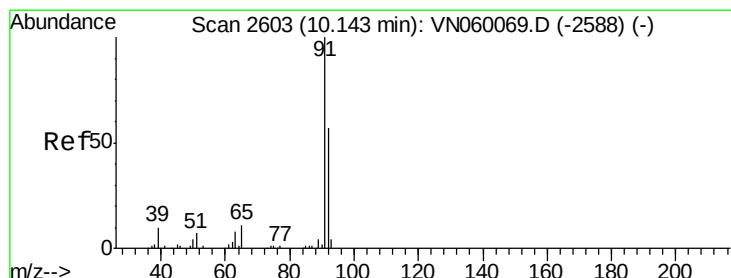
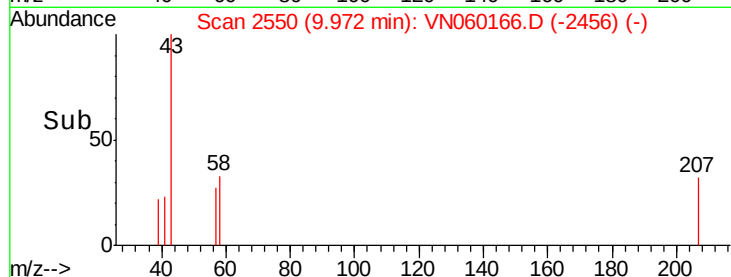
200

0

9.95

10.00

Time-->



#52

Toluene

Concen: 109.875 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060166.D

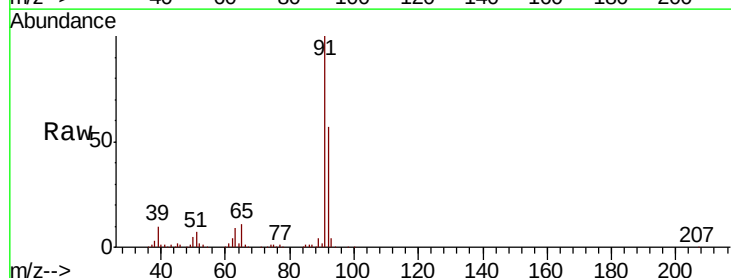
Acq: 20 Feb 2020 12:30

Tgt Ion: 92 Resp: 522090

Ion Ratio Lower Upper

92 100

91 175.4 140.9 211.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.14

500000

400000

300000

200000

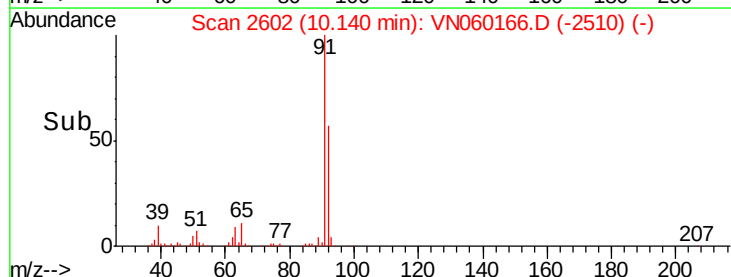
100000

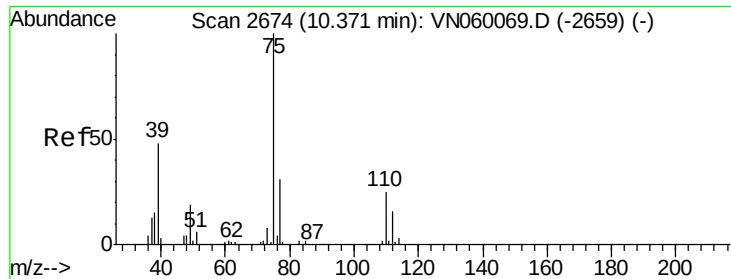
0

10.10

10.20

Time-->

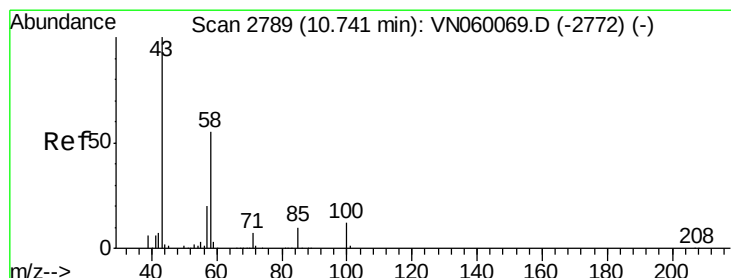
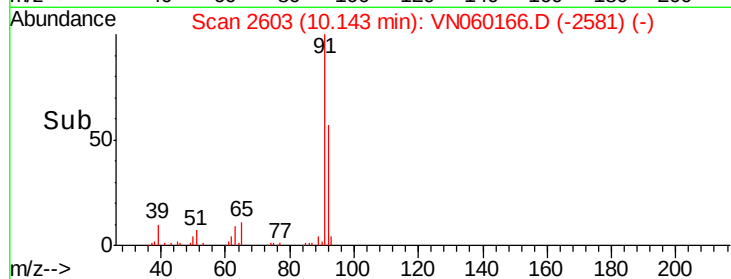
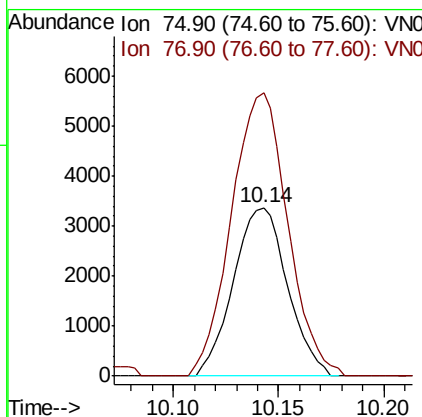
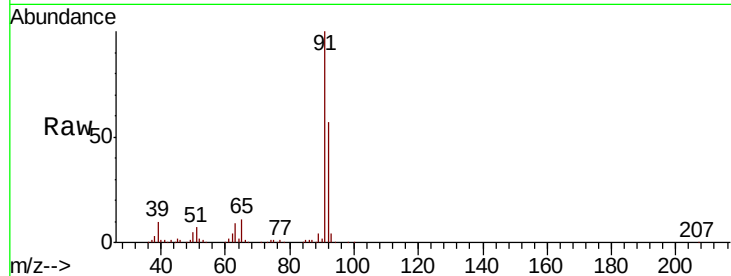




#53
t-1,3-Dichloropropene
Concen: 2.019 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.23 min
Lab File: VN060166.D
Acq: 20 Feb 2020 12:30

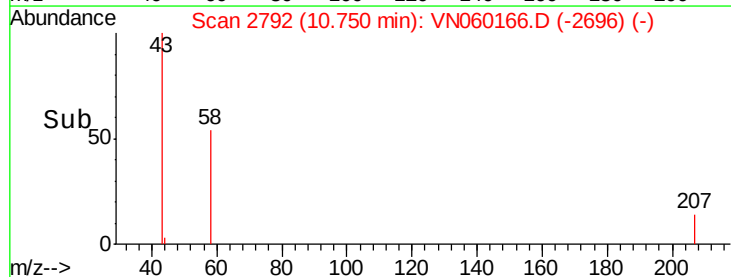
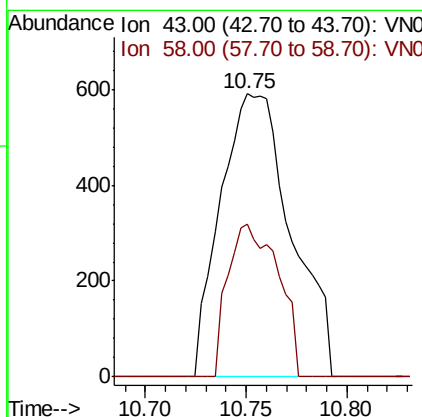
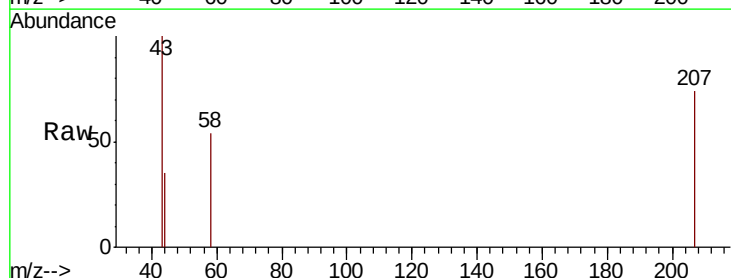
Instrument :
MSVOA_N
ClientSampled :

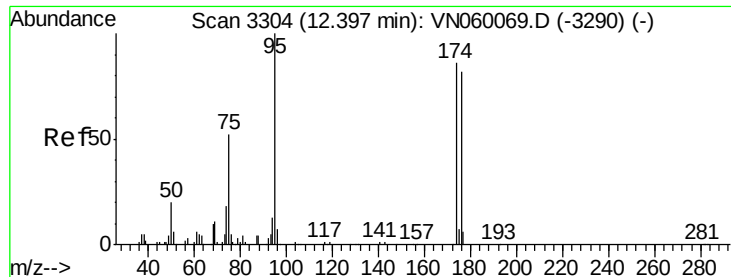
Tot Ion: 75 Resp: 6007
Ion Ratio Lower Upper
75 100
77 168.3 25.4 38.0#



#59
2-Hexanone
Concen: 0.835 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.01 min
Lab File: VN060166.D
Acq: 20 Feb 2020 12:30

Tgt Ion: 43 Resp: 1440
Ion Ratio Lower Upper
43 100
58 39.0 27.5 82.4

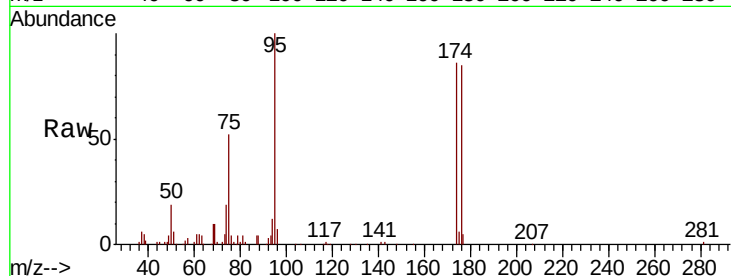




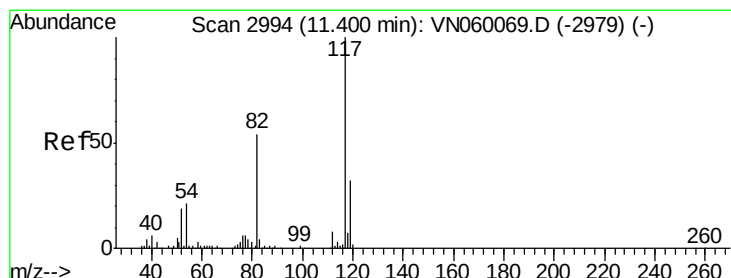
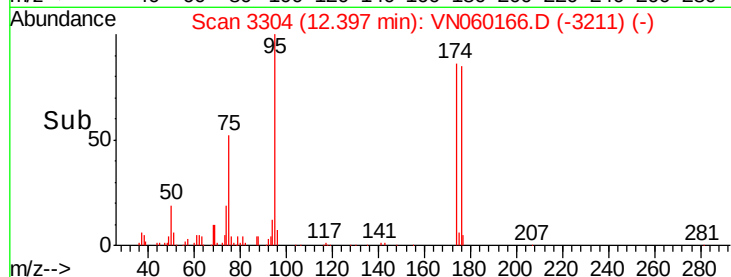
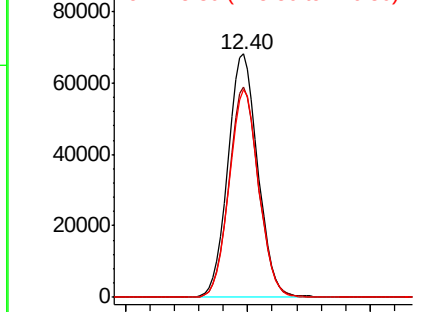
#62
4-Bromofluorobenzene
Concen: 48.728 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060166.D
Acq: 20 Feb 2020 12:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 95 Resp: 116889
Ion Ratio Lower Upper
95 100
174 84.9 0.0 169.8
176 84.2 0.0 164.8

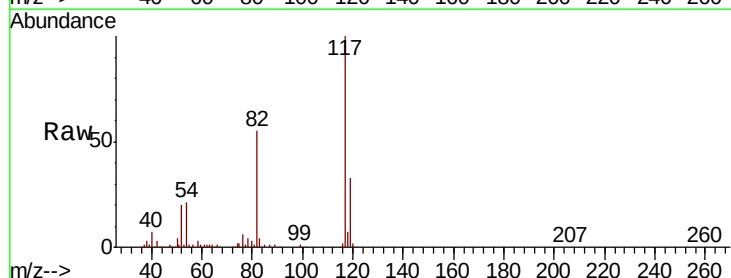


Abundance Ion 94.90 (94.60 to 95.60): VN060069.D (-3290) (-)
Ion 173.80 (173.50 to 174.50): VN060069.D (-3290) (-)
Ion 175.80 (175.50 to 176.50): VN060069.D (-3290) (-)

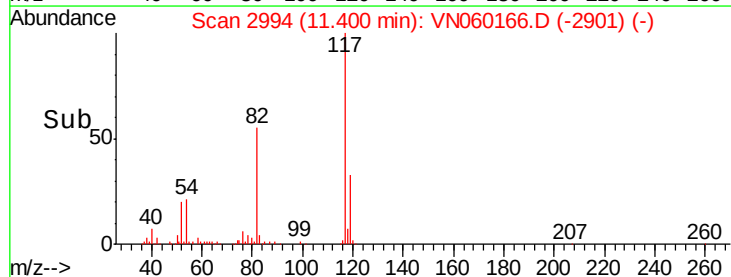
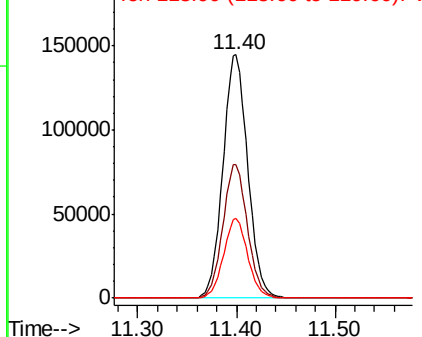


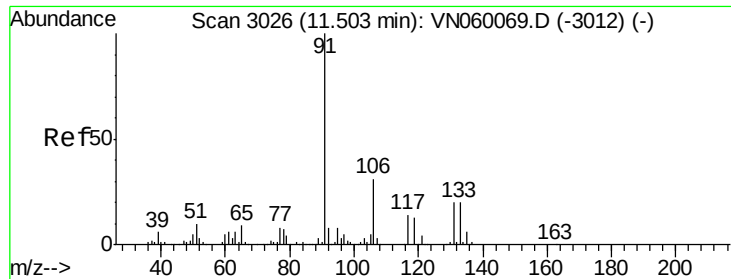
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060166.D
Acq: 20 Feb 2020 12:30

Tgt Ion: 117 Resp: 255973
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 32.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN060069.D (-2979) (-)
Ion 82.00 (81.70 to 82.70): VN060069.D (-2979) (-)
Ion 118.90 (118.60 to 119.60): VN060069.D (-2979) (-)

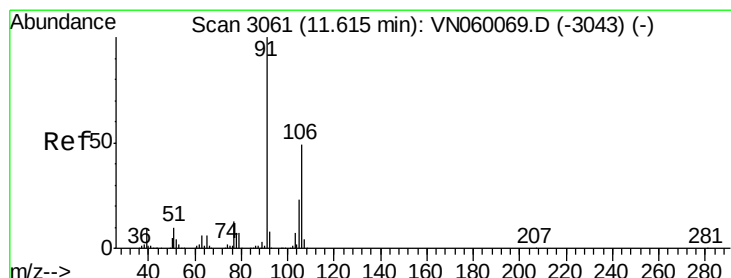
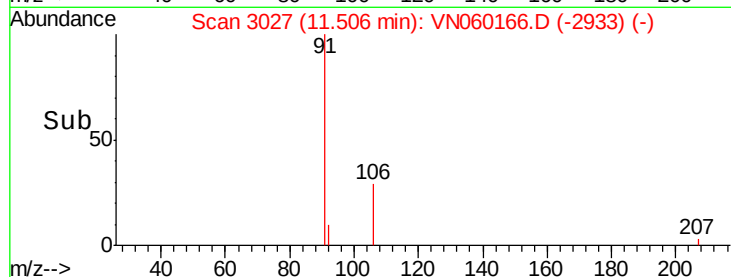
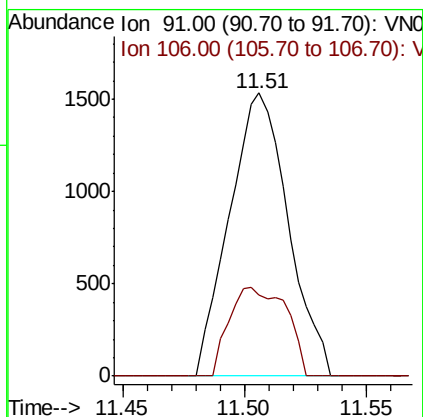
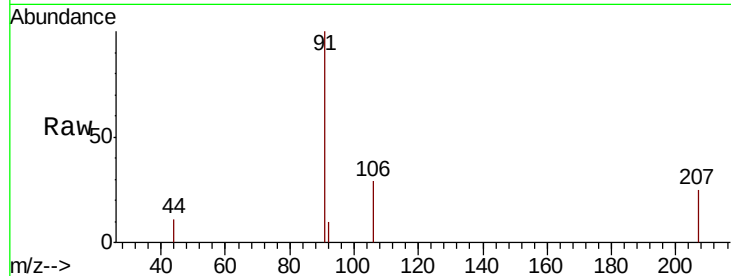




#67
Ethyl Benzene
Concen: 0.272 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN060166.D
Acq: 20 Feb 2020 12:30

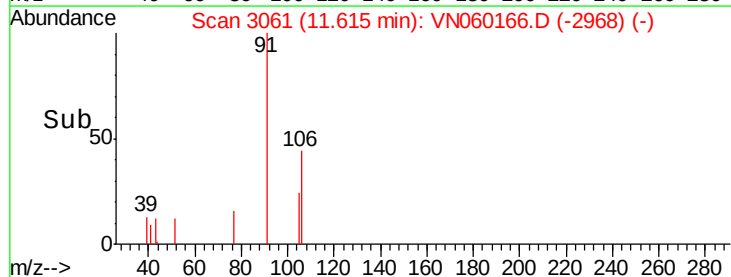
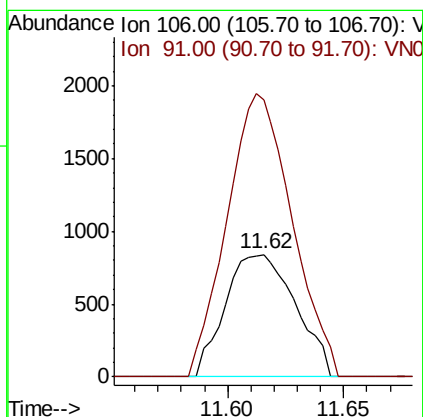
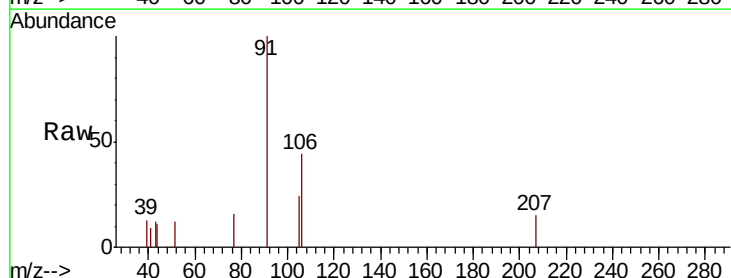
Instrument :
MSVOA_N
ClientSampled :

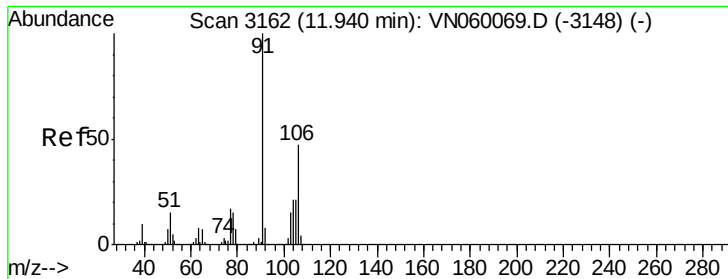
Tot Ion: 91 Resp: 2559
Ion Ratio Lower Upper
91 100
106 28.6 25.1 37.7



#68
m/p-Xylenes
Concen: 0.500 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060166.D
Acq: 20 Feb 2020 12:30

Tgt Ion: 106 Resp: 1765
Ion Ratio Lower Upper
106 100
91 214.6 162.7 244.1

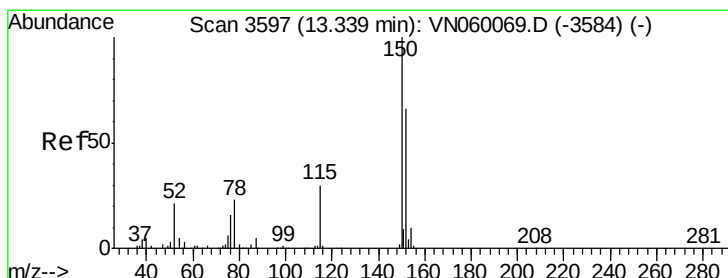
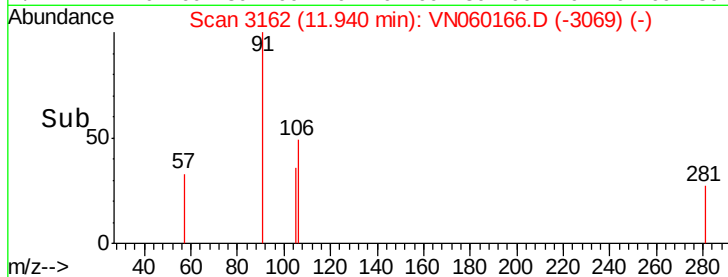
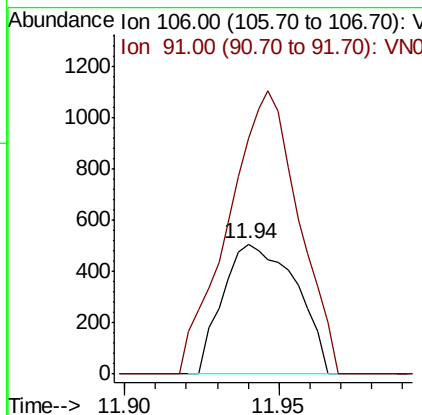
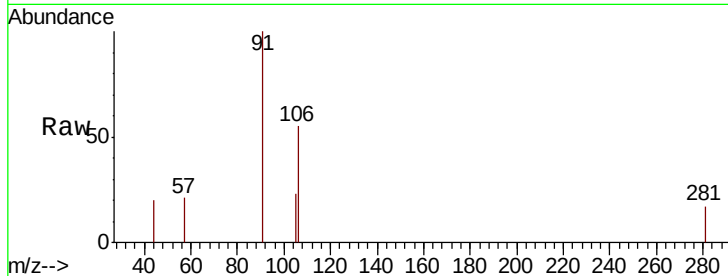




#69
o-Xylene
Concen: 0.247 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060166.D
Acq: 20 Feb 2020 12:30

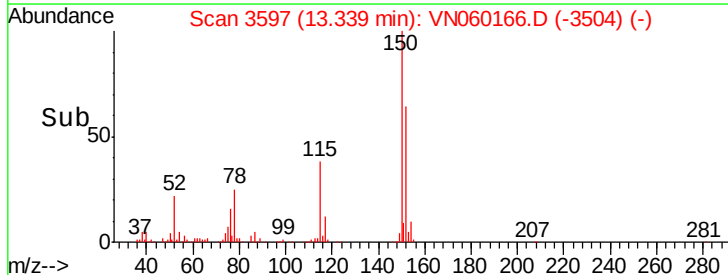
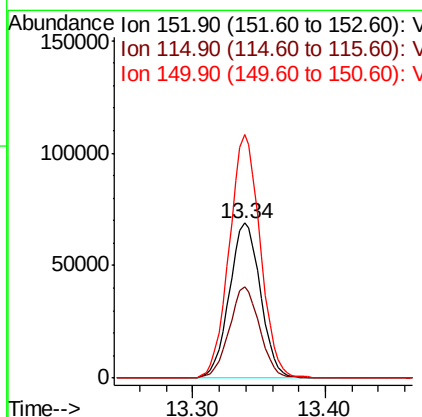
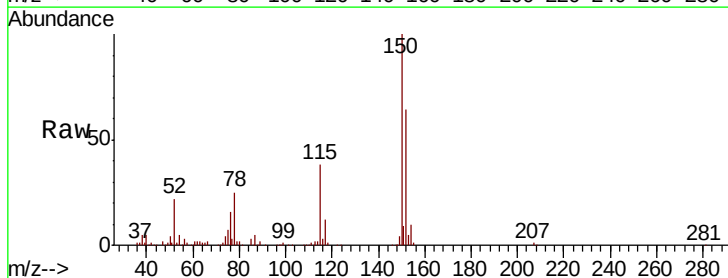
Instrument :
MSVOA_N
ClientSampled :

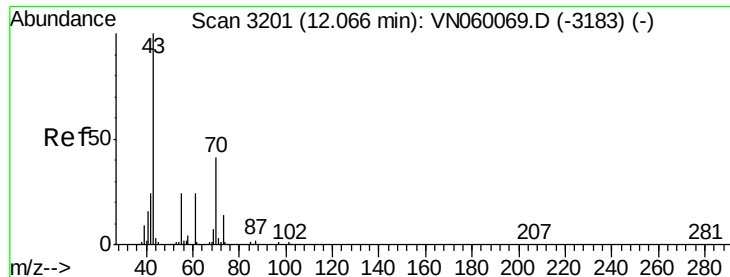
Tot Ion:106 Resp: 838
Ion Ratio Lower Upper
106 100
91 208.8 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060166.D
Acq: 20 Feb 2020 12:30

Tgt Ion:152 Resp: 112747
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.8
150 155.3 0.0 342.4





#74

N-amvl acetate

Concen: 0.405 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.01 min

Lab File: VN060166.D

Acq: 20 Feb 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 1229

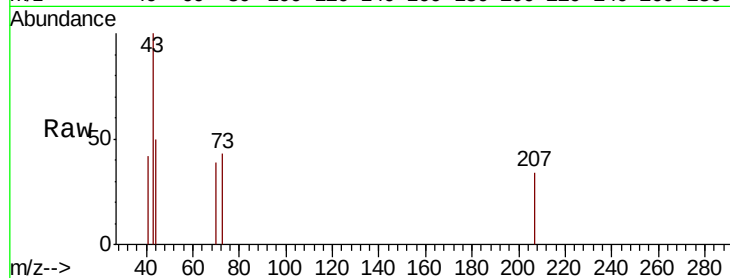
Ion Ratio Lower Upper

43 100

70 13.5 33.4 50.0#

55 0.0 18.8 28.2#

61 0.0 19.2 28.8#

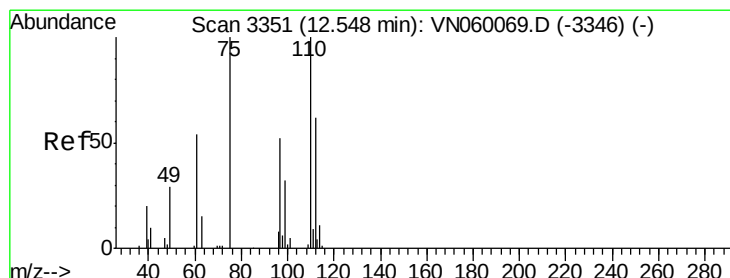
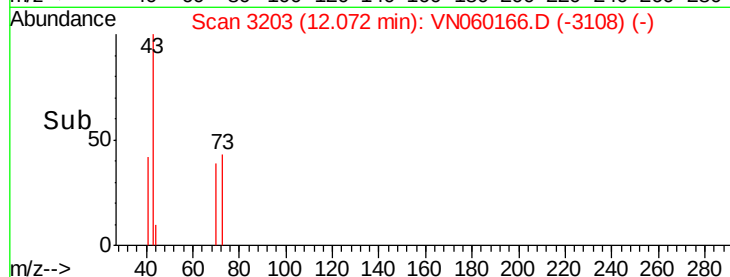
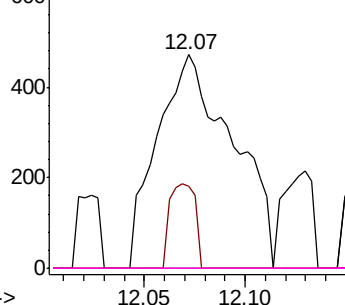


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 27.693 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060166.D

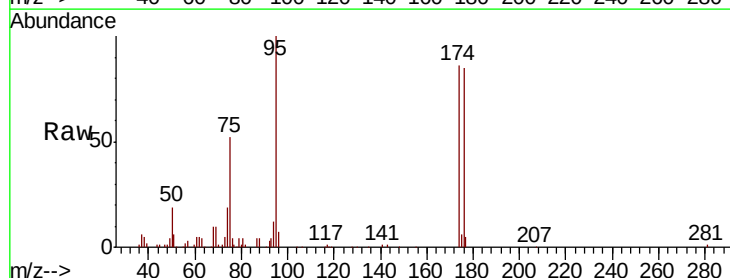
Acq: 20 Feb 2020 12:30

Tgt Ion: 75 Resp: 59736

Ion Ratio Lower Upper

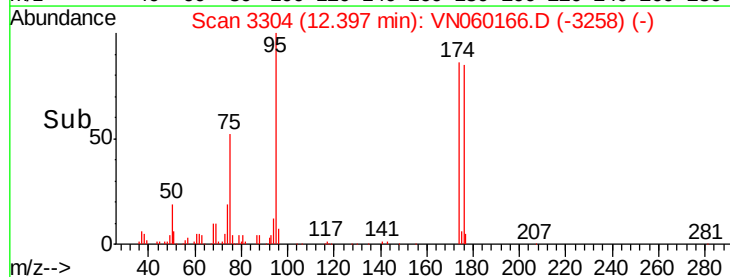
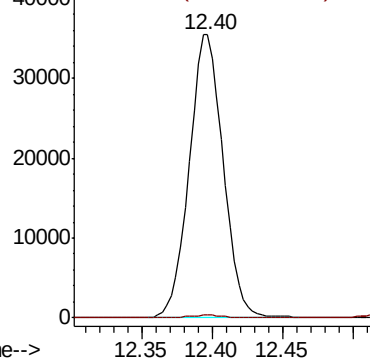
75 100

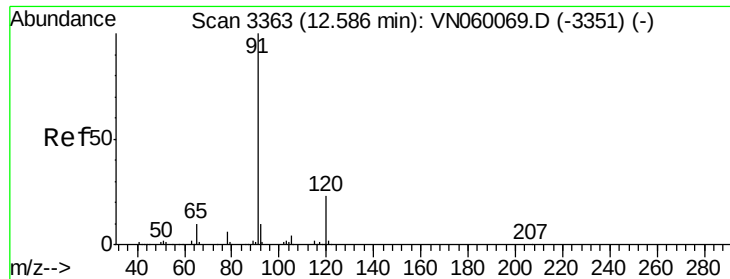
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 0.242 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN060166.D

Acq: 20 Feb 2020 12:30

Instrument :

MSVOA_N

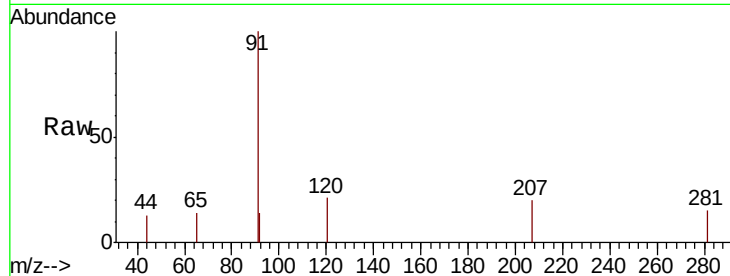
ClientSampleId :

Tot Ion: 91 Resp: 2323

Ion Ratio Lower Upper

91 100

120 20.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3351) (-)

Ion 120.00 (119.70 to 120.70): VN060069.D (-3351) (-)

12.59

1500

1000

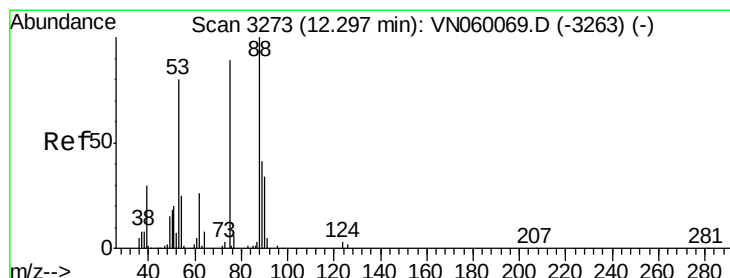
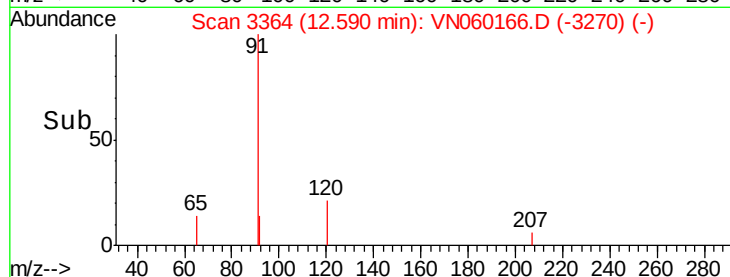
500

0

12.55

12.60

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 67.806 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060166.D

Acq: 20 Feb 2020 12:30

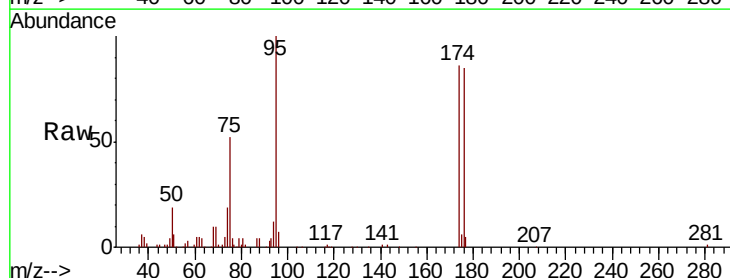
Tgt Ion: 75 Resp: 59736

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 0.0 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VN060166.D (-3180) (-)

Ion 53.00 (52.70 to 53.70): VN060166.D (-3180) (-)

Ion 88.90 (88.60 to 89.60): VN060166.D (-3180) (-)

12.40

40000

30000

20000

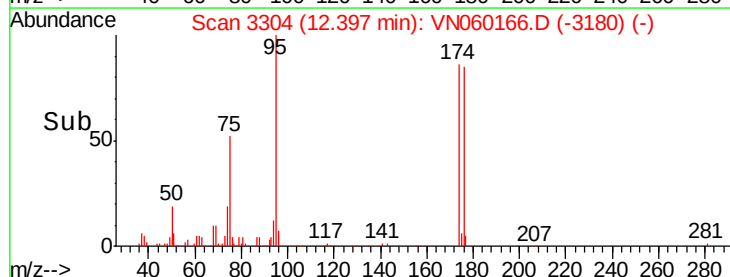
10000

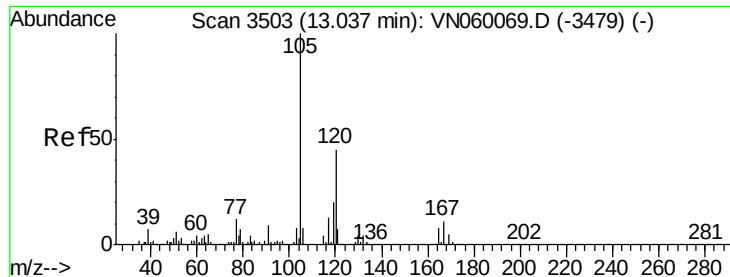
0

12.35

12.45

Time-->

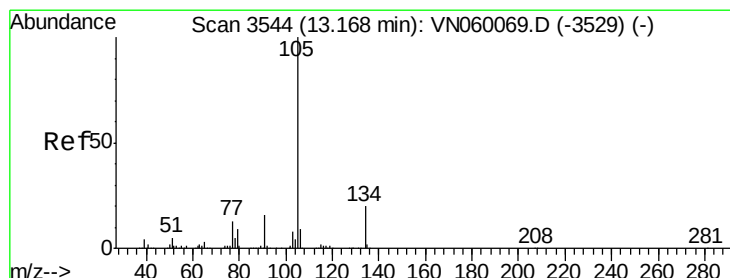
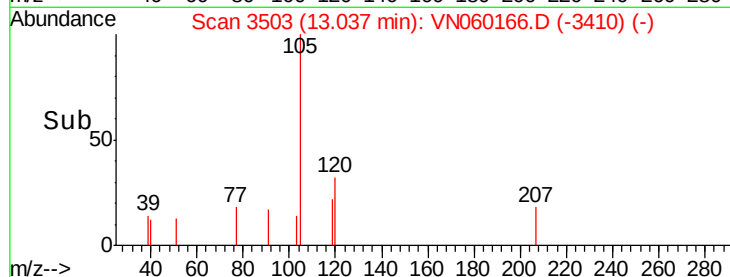
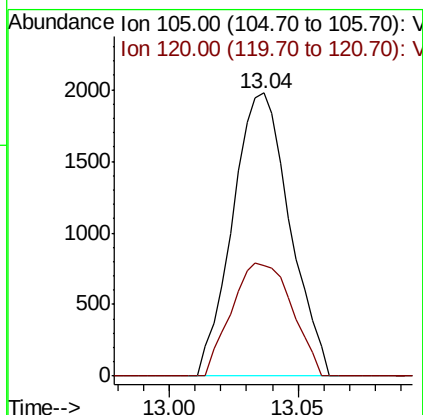
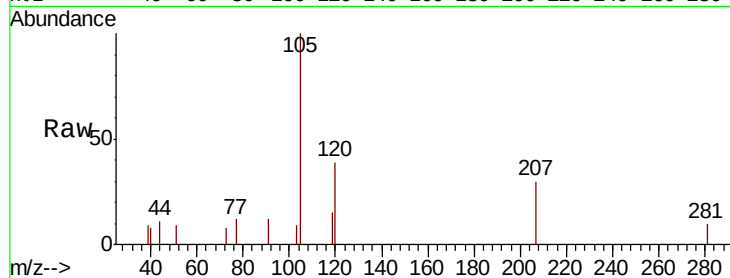




#84
 1,2,4-Trimethylbenzene
 Concen: 0.440 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060166.D
 Acq: 20 Feb 2020 12:30

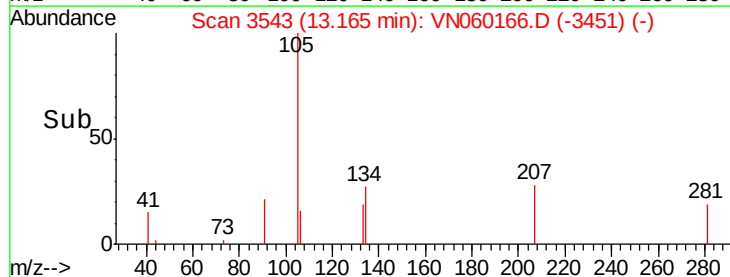
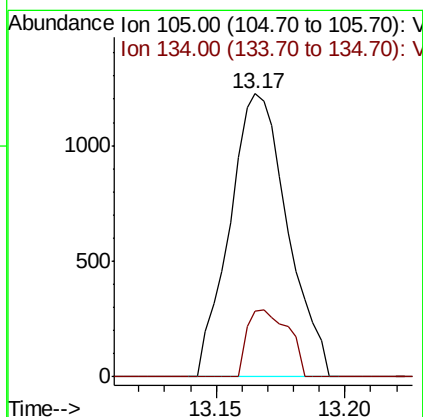
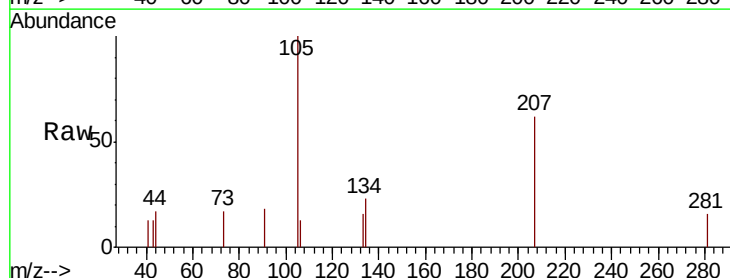
Instrument :
 MSVOA_N
 ClientSampled :

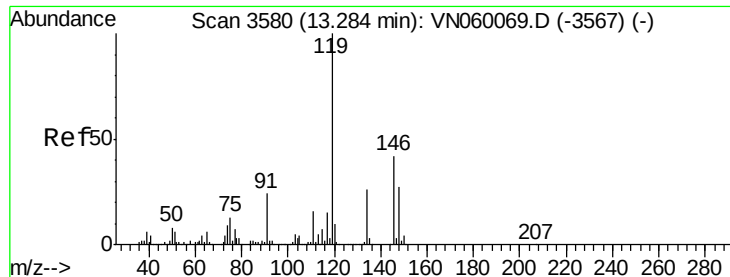
Tot Ion:105 Resp: 3042
 Ion Ratio Lower Upper
 105 100
 120 42.2 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 0.233 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: VN060166.D
 Acq: 20 Feb 2020 12:30

Tgt Ion:105 Resp: 1914
 Ion Ratio Lower Upper
 105 100
 134 16.8 9.9 29.7

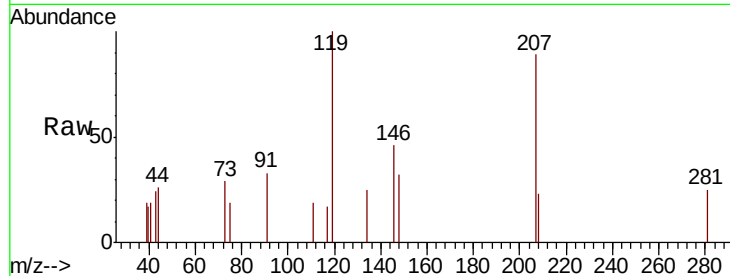




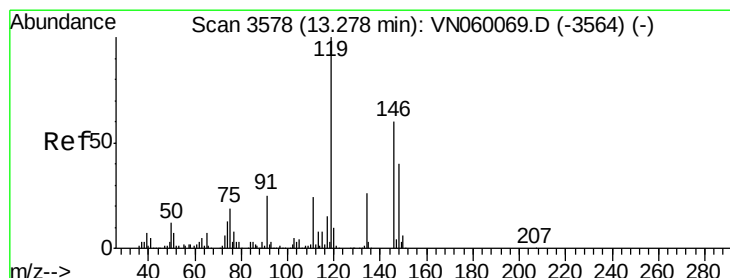
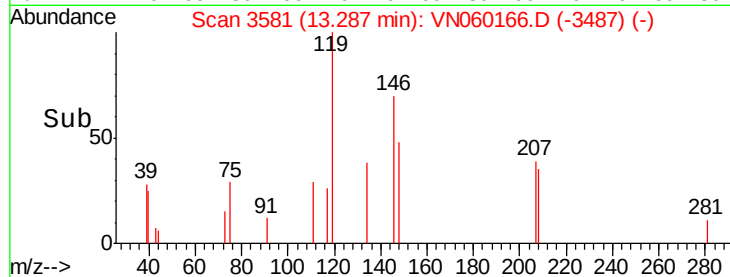
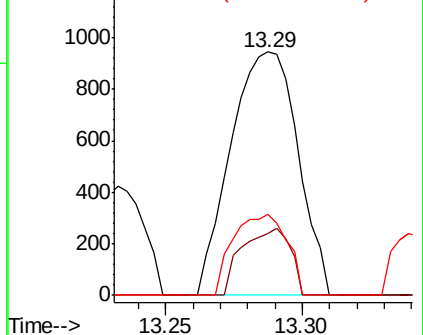
#86
 p-Isopropyltoluene
 Concen: 0.217 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060166.D
 Acq: 20 Feb 2020 12:30

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 1613
 Ion Ratio Lower Upper
 119 100
 134 19.7 13.3 39.8
 91 26.5 11.9 35.9

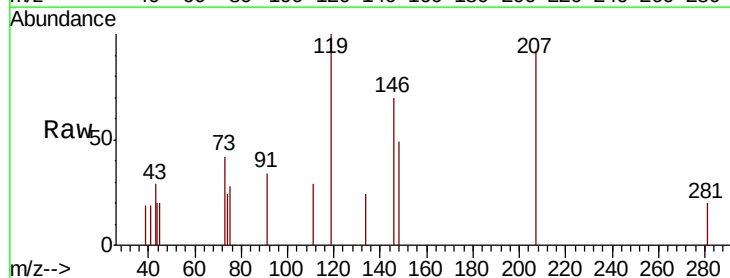


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

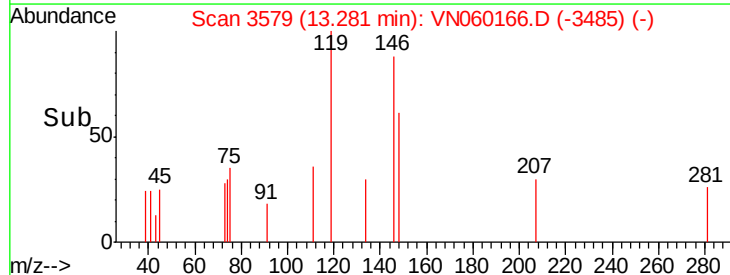
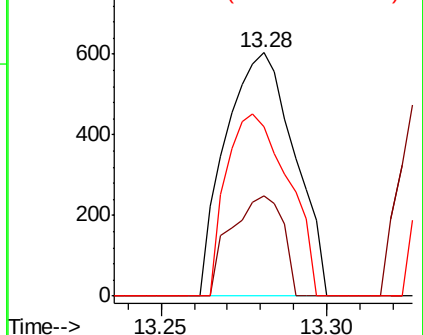


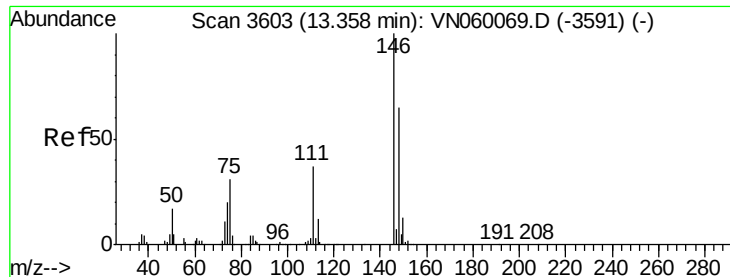
#87
 1,3-Dichlorobenzene
 Concen: 0.236 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060166.D
 Acq: 20 Feb 2020 12:30

Tgt Ion:146 Resp: 872
 Ion Ratio Lower Upper
 146 100
 111 31.0 19.8 59.3
 148 67.1 32.0 96.2



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





#88

1,4-Dichlorobenzene

Concen: 0.236 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.08 min

Lab File: VN060166.D

Acq: 20 Feb 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

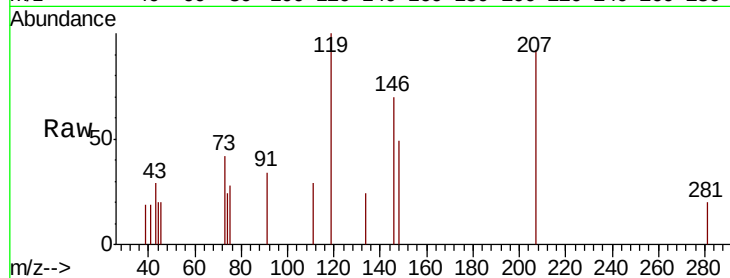
Tot Ion:146 Resp: 872

Ion Ratio Lower Upper

146 100

111 31.0 18.9 56.5

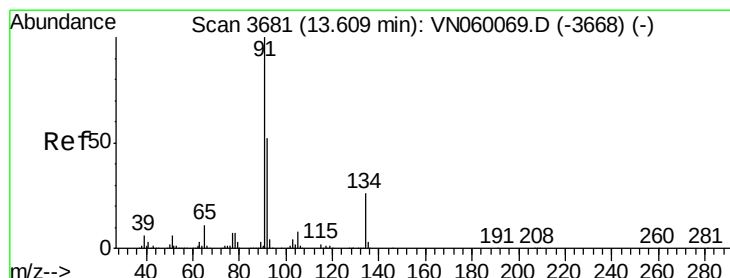
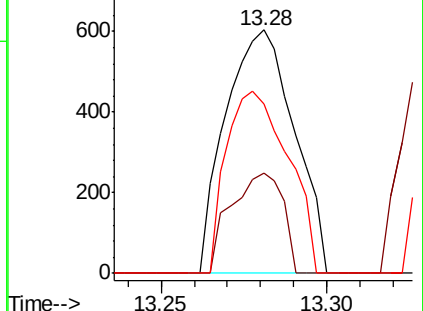
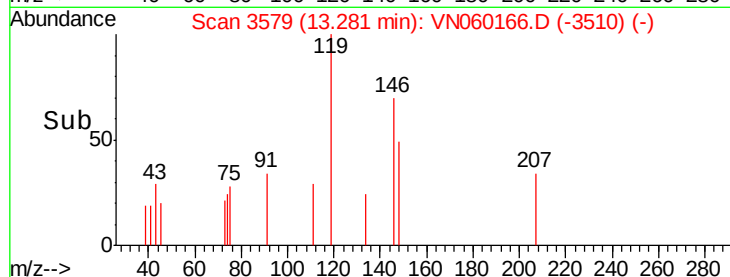
148 67.1 32.0 96.0



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



#89

n-Butylbenzene

Concen: 0.469 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060166.D

Acq: 20 Feb 2020 12:30

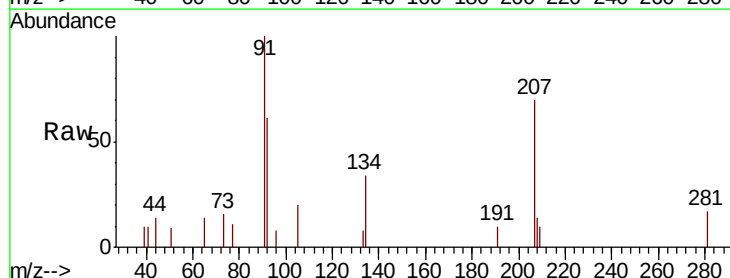
Tgt Ion: 91 Resp: 3067

Ion Ratio Lower Upper

91 100

92 51.5 26.1 78.2

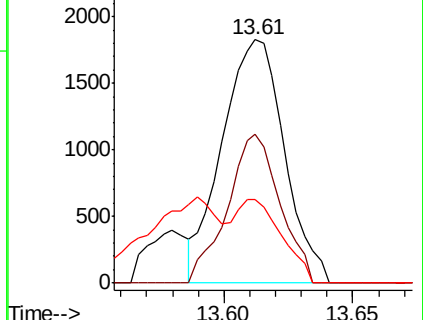
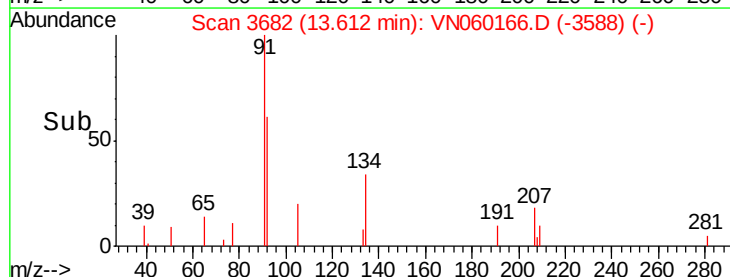
134 24.3 13.1 39.3

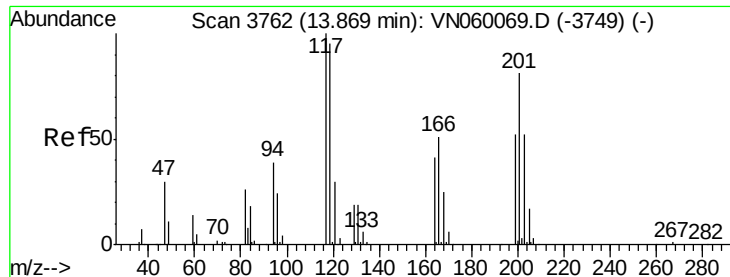


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V

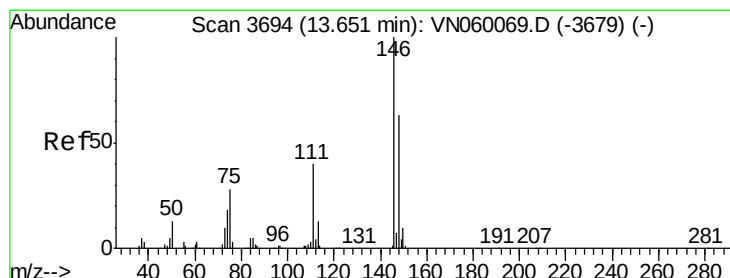
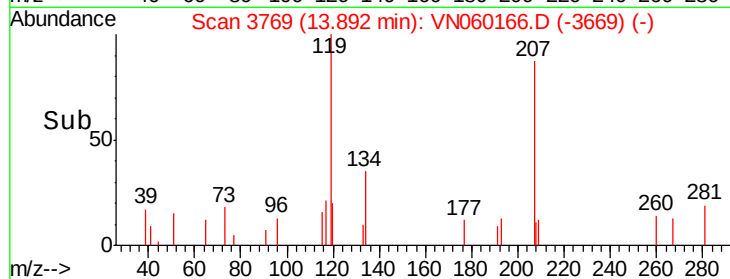
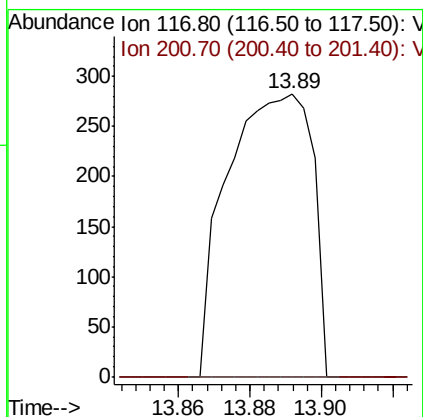
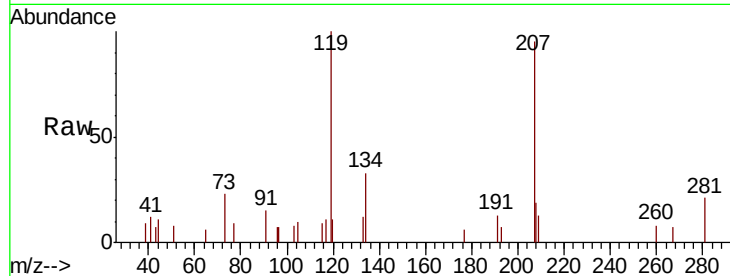




#90
Hexachloroethane
Concen: 0.335 ug/l
RT: 13.89 min Scan# 3769
Delta R.T. 0.02 min
Lab File: VN060166.D
Acq: 20 Feb 2020 12:30

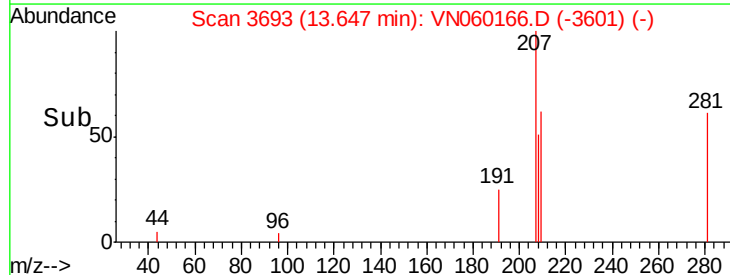
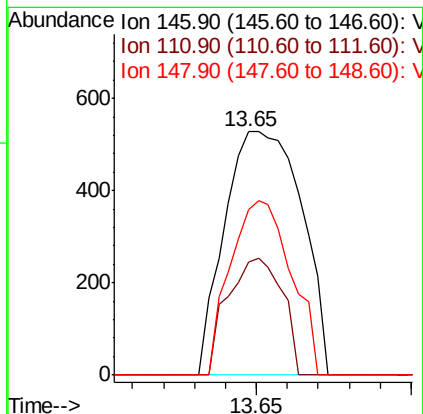
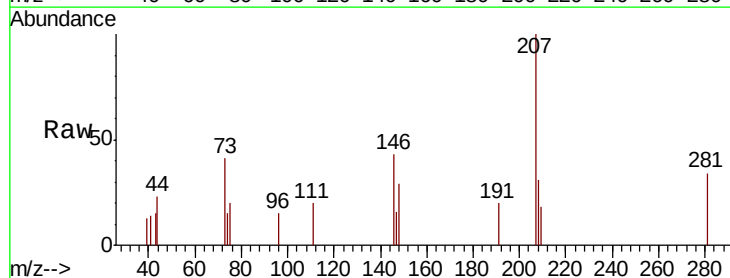
Instrument :
MSVOA_N
ClientSampled :

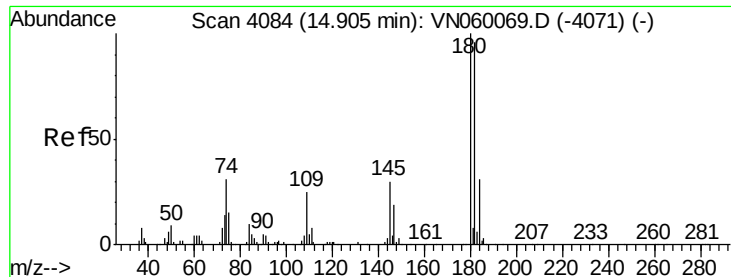
Tot Ion:117 Resp: 465
Ion Ratio Lower Upper
117 100
201 0.0 41.7 125.1#



#91
1,2-Dichlorobenzene
Concen: 0.252 ug/l
RT: 13.65 min Scan# 3693
Delta R.T. -0.00 min
Lab File: VN060166.D
Acq: 20 Feb 2020 12:30

Tgt Ion:146 Resp: 912
Ion Ratio Lower Upper
146 100
111 34.1 20.1 60.2
148 56.7 31.9 95.5

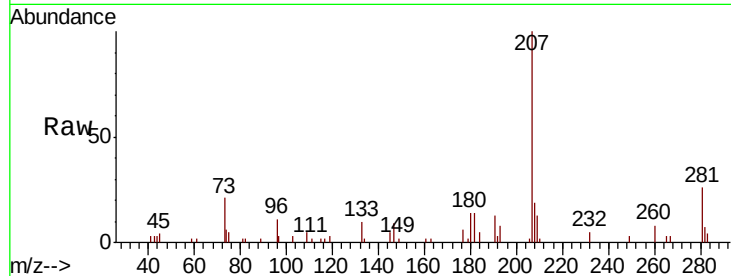




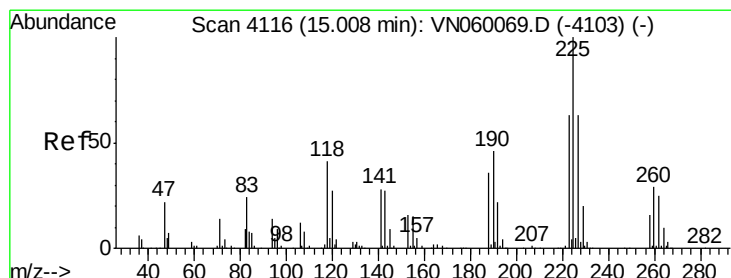
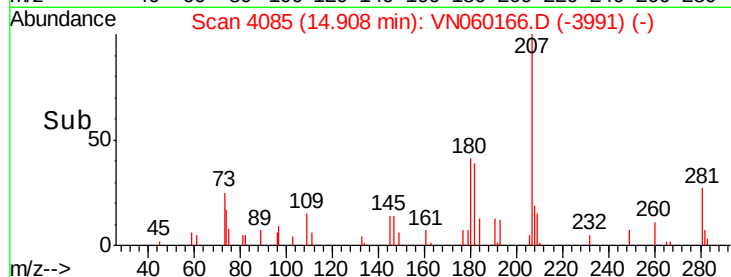
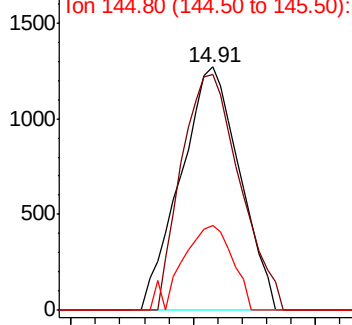
#93
 1,2,4-Trichlorobenzene
 Concen: 1.001 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060166.D
 Acq: 20 Feb 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 2128
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.9 143.8
 145 29.4 15.2 45.5

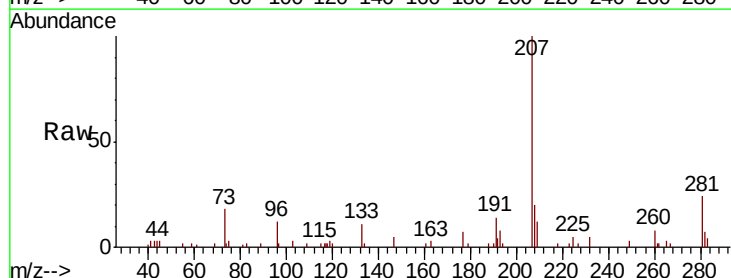


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

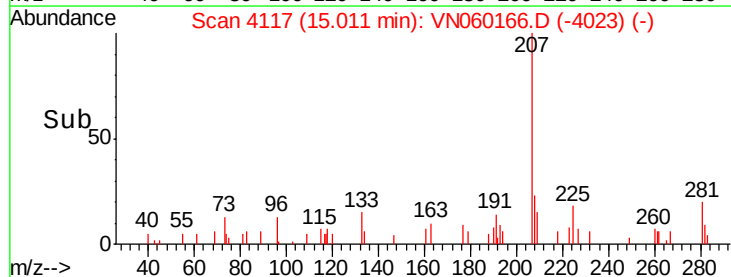
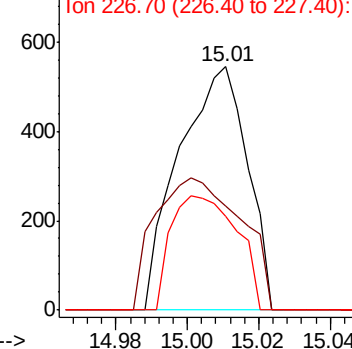


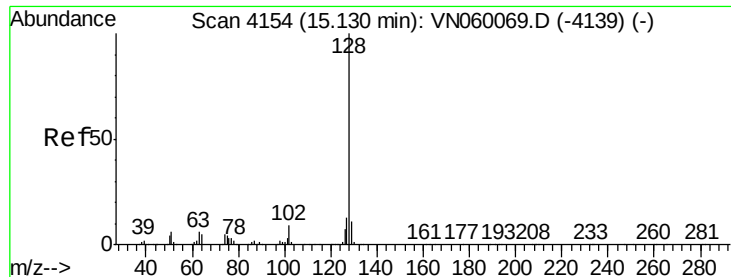
#94
 Hexachlorobutadiene
 Concen: 0.578 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN060166.D
 Acq: 20 Feb 2020 12:30

Tgt Ion:225 Resp: 720
 Ion Ratio Lower Upper
 225 100
 223 68.5 31.5 94.5
 227 45.4 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





#95

Naphthalene

Concen: 1.589 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN060166.D

Acq: 20 Feb 2020 12:30

Instrument :

MSVOA_N

ClientSampled :

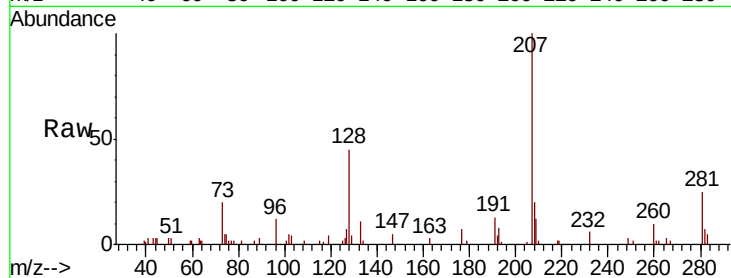
Tot Ion:128 Resp: 9129

Ion Ratio Lower Upper

128 100

127 14.6 10.3 15.5

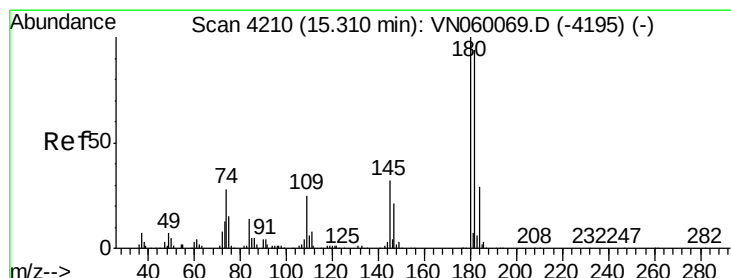
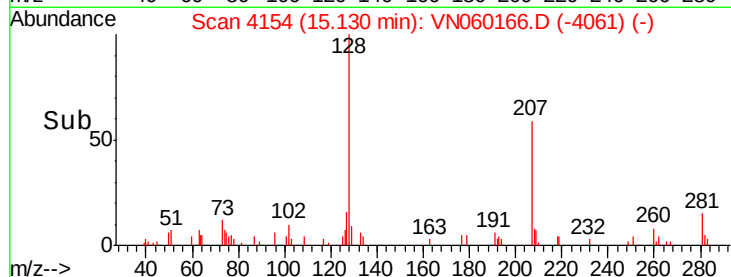
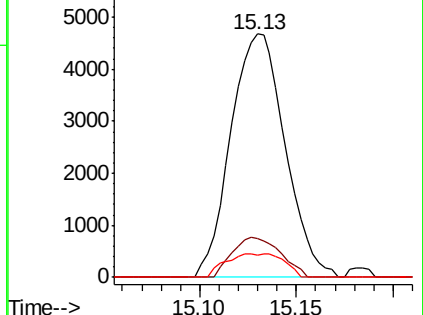
129 10.4 8.6 13.0



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: 1.225 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN060166.D

Acq: 20 Feb 2020 12:30

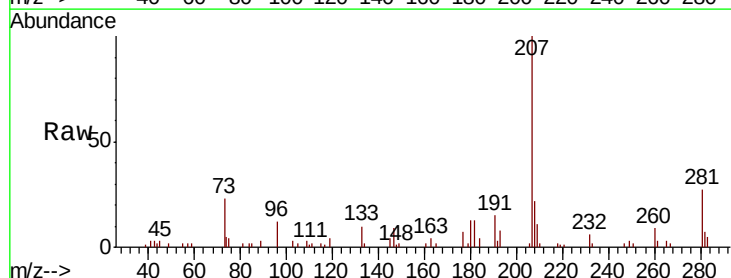
Tgt Ion:180 Resp: 2594

Ion Ratio Lower Upper

180 100

182 90.4 47.5 142.5

145 27.7 16.1 48.3



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

