

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064072.D
 Acq On : 10 Oct 2020 6:25
 Operator : JC/MD
 Sample : PB132226ZHE#17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132226ZHE#17

Quant Time: Oct 10 08:06:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	199216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	386826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	145239	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	178000	54.08	ug/l	0.00
Spiked Amount			Recovery	=	108.16%	
35) Dibromofluoromethane	7.55	113	130891	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
50) Toluene-d8	10.06	98	484463	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.38	95	179521	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	

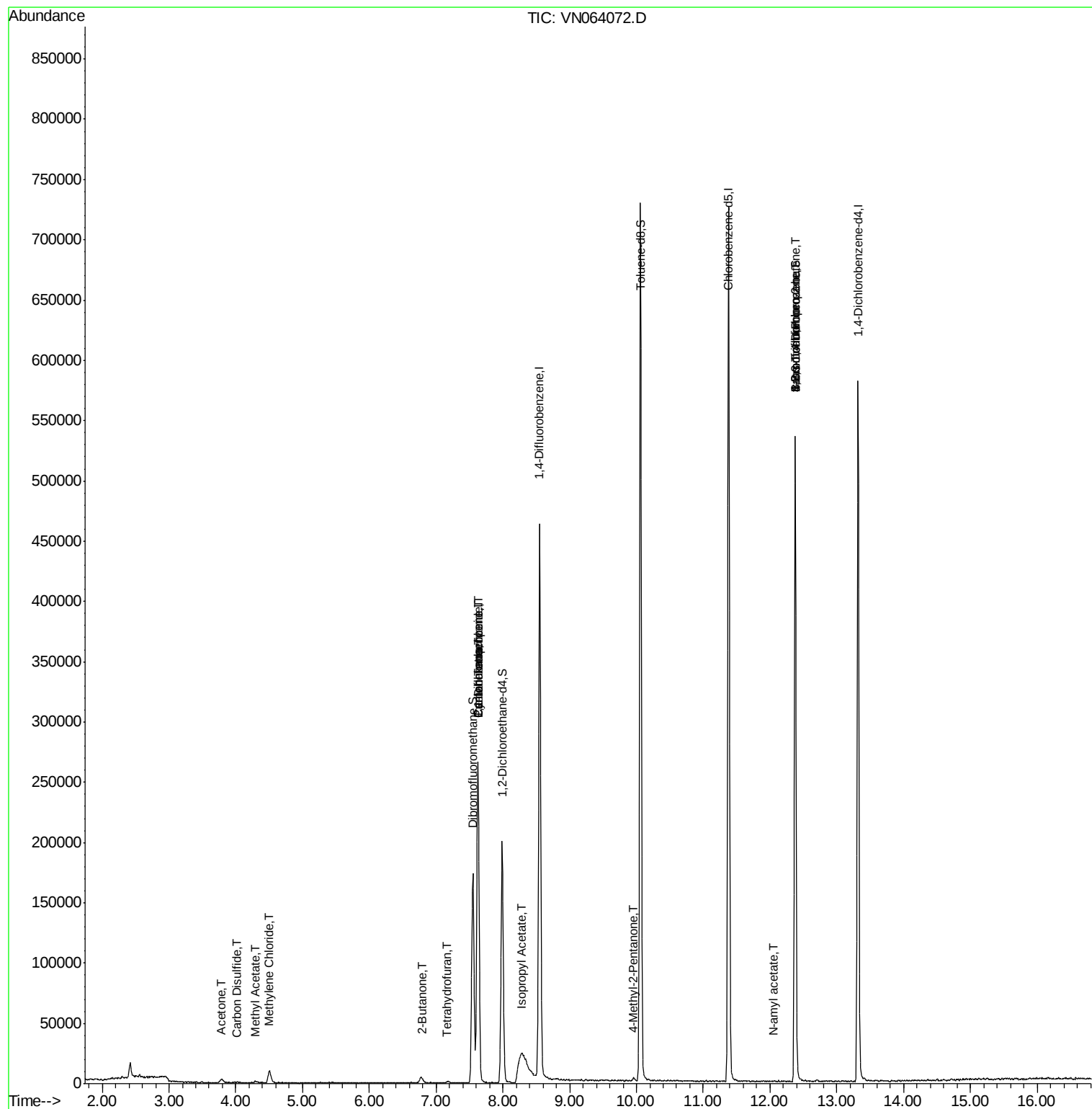
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	2421	2.390	ug/l	94
17) Carbon Disulfide	4.01	76	348	0.764	ug/l #	76
18) Methyl Acetate	4.29	43	809	0.308	ug/l #	89
20) Methylene Chloride	4.51	84	6801	3.023	ug/l #	78
25) 2-Butanone	6.80	43	1297	0.903	ug/l #	51
29) Tetrahydrofuran	7.16	42	277	0.288	ug/l #	45
31) Cyclohexane	7.62	56	5473	1.432	ug/l #	26
36) 1,1-Dichloropropene	7.62	75	17527	4.472	ug/l #	44
38) Carbon Tetrachloride	7.62	117	22522	5.125	ug/l #	14
43) Isopropyl Acetate	8.29	43	38759	6.035	ug/l #	65
51) 4-Methyl-2-Pentanone	9.96	43	2030	0.539	ug/l #	83
71) Bromoform	12.38	173	834	0.358	ug/l #	1
74) N-amyl acetate	12.05	43	243	2.263	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	95211	29.738	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	95211	85.651	ug/l #	6

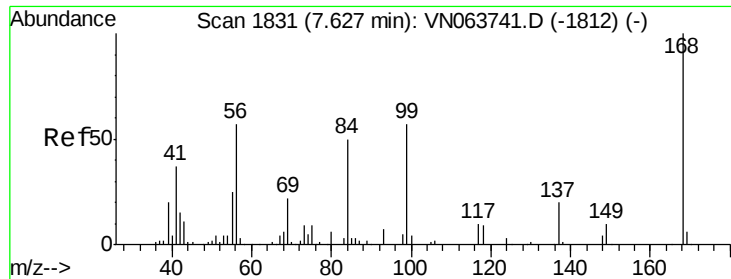
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100920\
Data File : VN064072.D
Acq On : 10 Oct 2020 6:25
Operator : JC/MD
Sample : PB132226ZHE#17
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB132226ZHE#17

Quant Time: Oct 10 08:06:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

Instrument :

MSVOA_N

ClientSampleId :

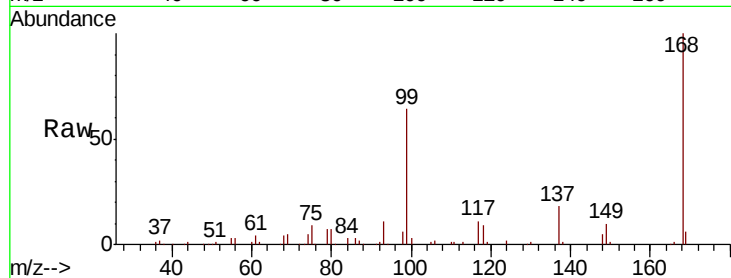
PB132226ZHE#17

Tot Ion:168 Resp: 199216

Ion Ratio Lower Upper

168 100

99 64.4 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

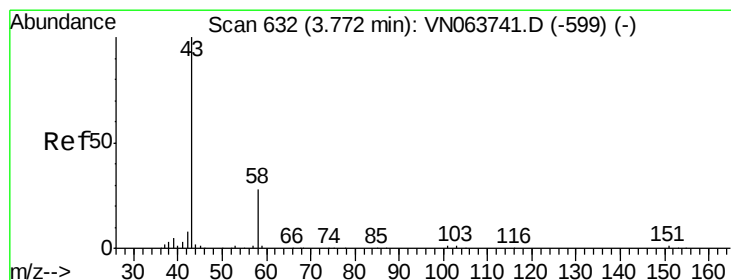
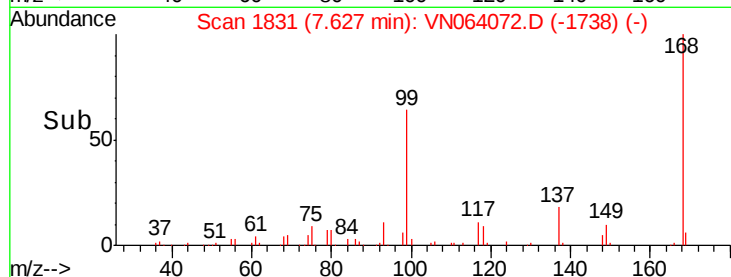
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 2.390 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064072.D

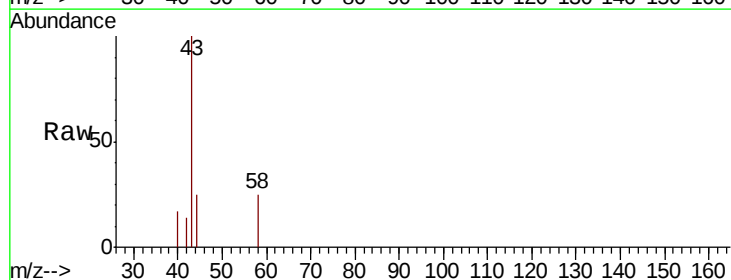
Acq: 10 Oct 2020 6:25

Tgt Ion: 43 Resp: 2421

Ion Ratio Lower Upper

43 100

58 24.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

2000

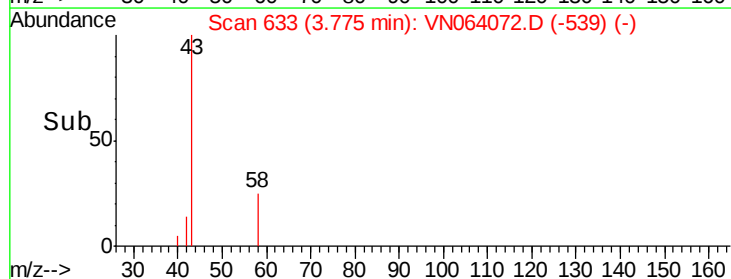
1500

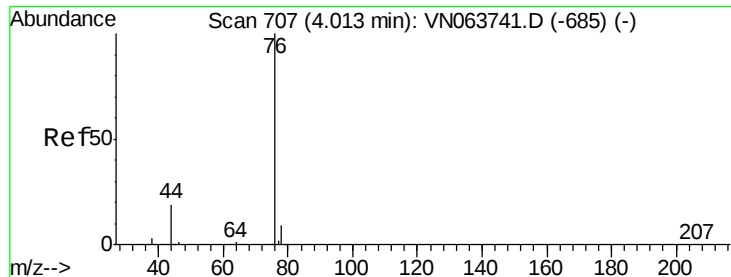
1000

500

0

Time--> 3.72 3.74 3.76 3.78





#17

Carbon Disulfide

Concen: 0.764 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

Instrument :

MSVOA_N

ClientSampleId :

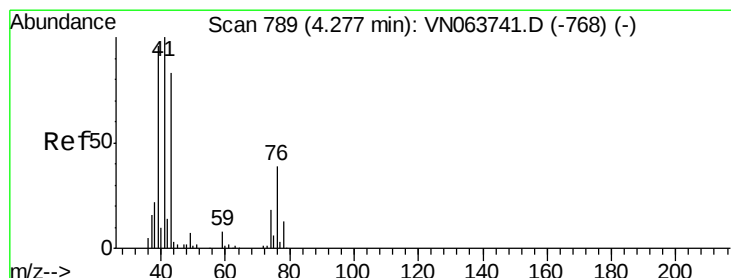
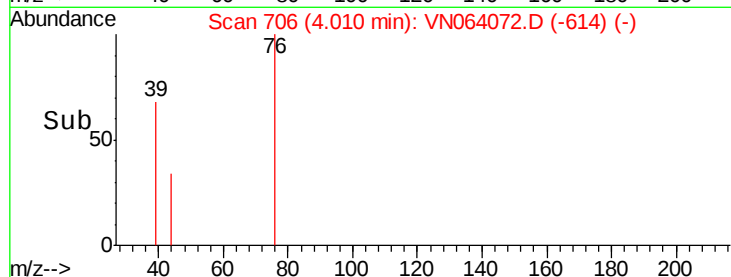
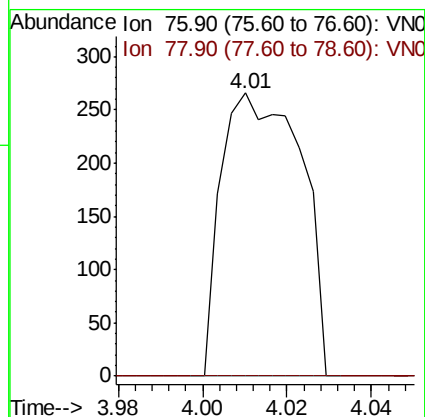
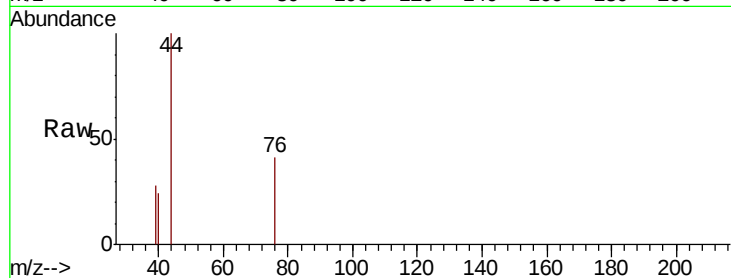
PB132226ZHE#17

Tot Ion: 76 Resp: 348

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



#18

Methyl Acetate

Concen: 0.308 ug/l

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN064072.D

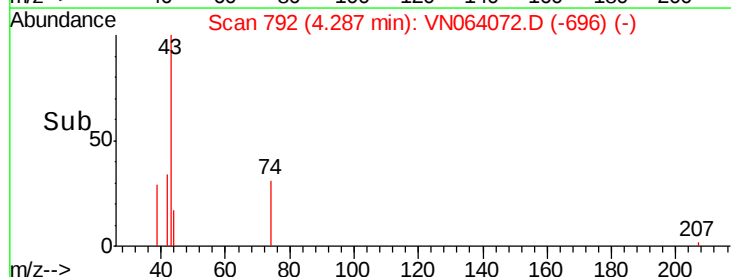
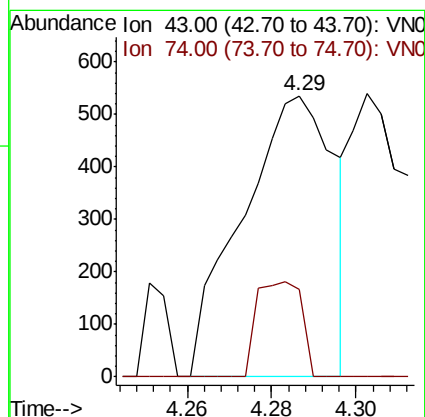
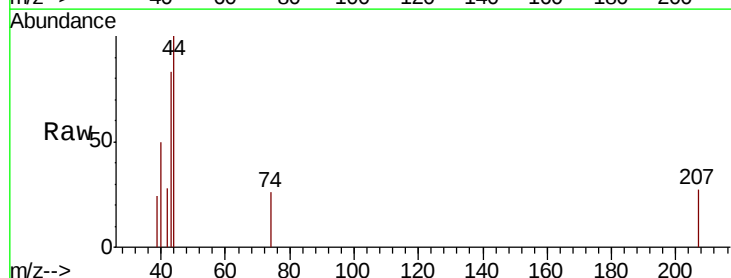
Acq: 10 Oct 2020 6:25

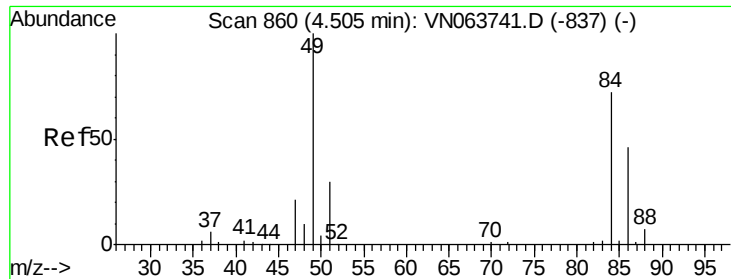
Tgt Ion: 43 Resp: 809

Ion Ratio Lower Upper

43 100

74 16.4 17.4 26.2#

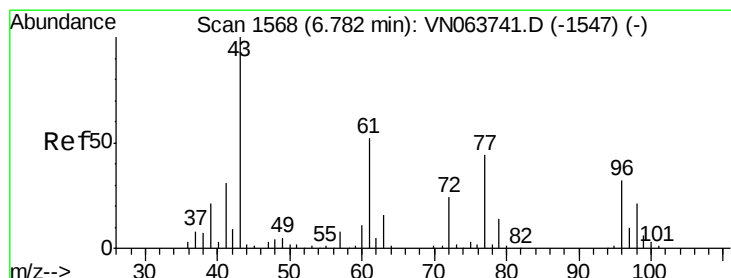
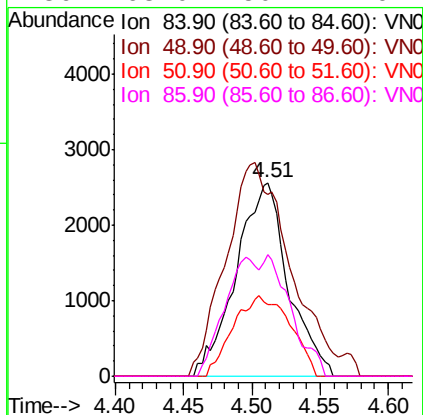
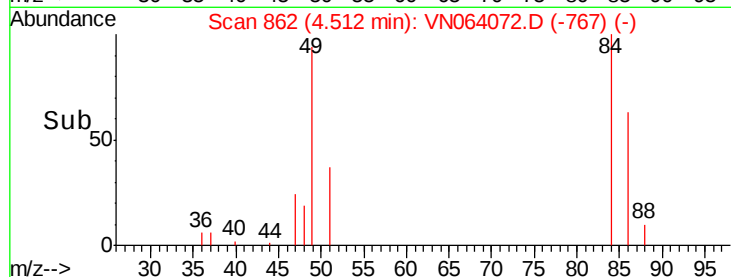
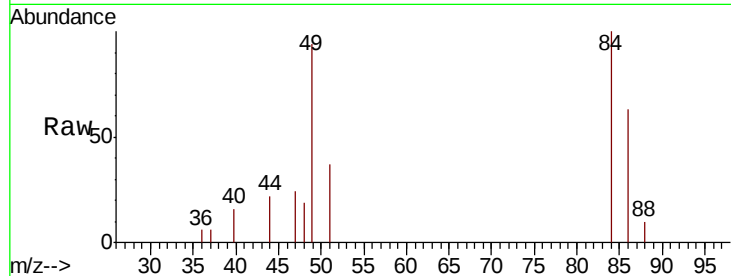




#20
Methvlene Chloride
Concen: 3.023 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064072.D
Acq: 10 Oct 2020 6:25

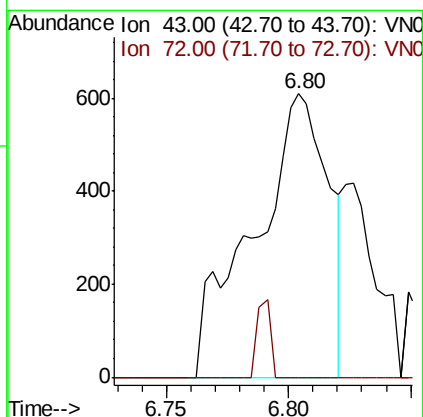
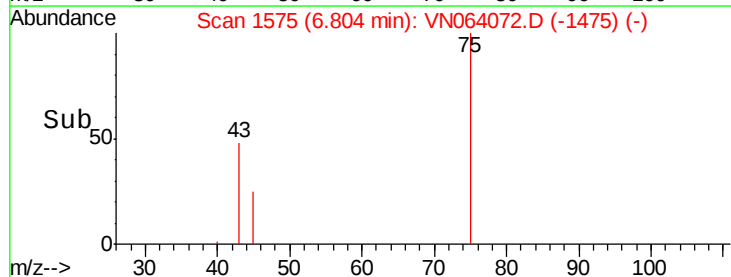
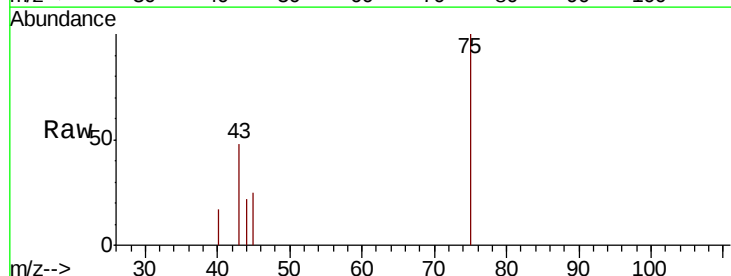
Instrument :
MSVOA_N
ClientSampleId :
PB132226ZHE#17

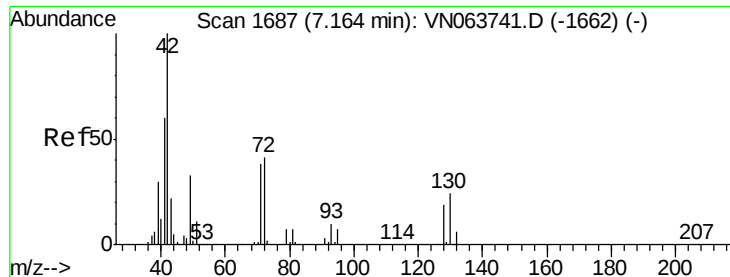
Tot Ion: 84 Resp: 6801
Ion Ratio Lower Upper
84 100
49 94.1 110.4 165.6#
51 36.9 33.3 49.9
86 63.0 50.7 76.1



#25
2-Butanone
Concen: 0.903 ug/l
RT: 6.80 min Scan# 1575
Delta R.T. 0.02 min
Lab File: VN064072.D
Acq: 10 Oct 2020 6:25

Tgt Ion: 43 Resp: 1297
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#





#29

Tetrahydrofuran

Concen: 0.288 ug/l

RT: 7.16 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

Instrument :

MSVOA_N

ClientSampleId :

PB132226ZHE#17

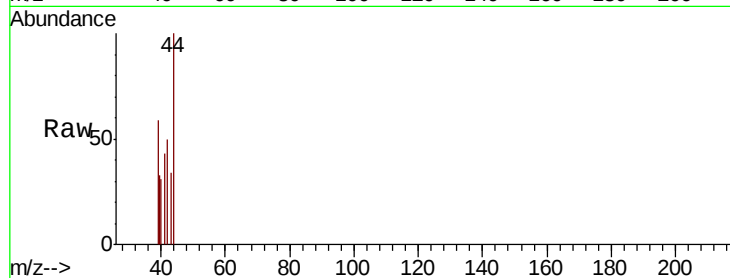
Tot Ion: 42 Resp: 277

Ion Ratio Lower Upper

42 100

72 11.6 32.8 49.2#

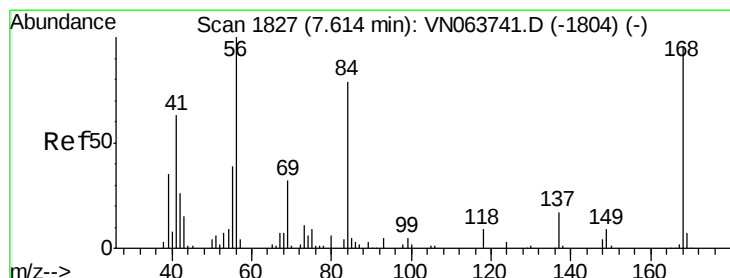
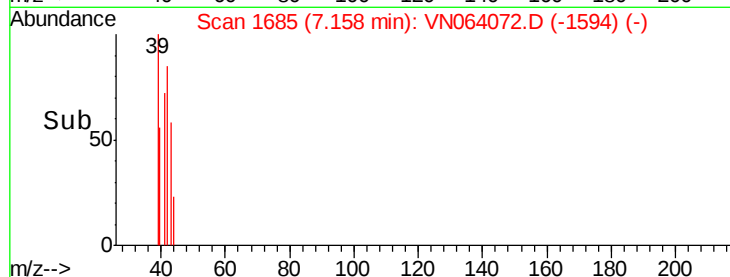
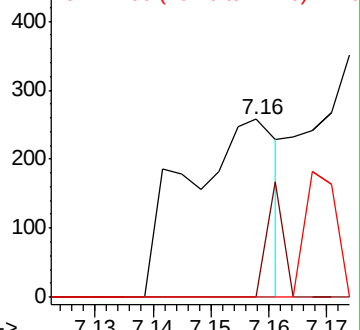
71 0.0 30.6 45.8#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 1.432 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

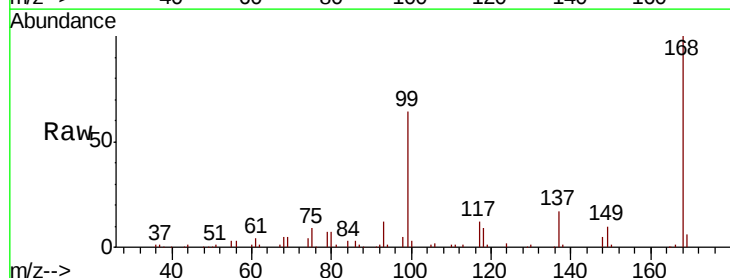
Tgt Ion: 56 Resp: 5473

Ion Ratio Lower Upper

56 100

69 158.0 25.4 38.2#

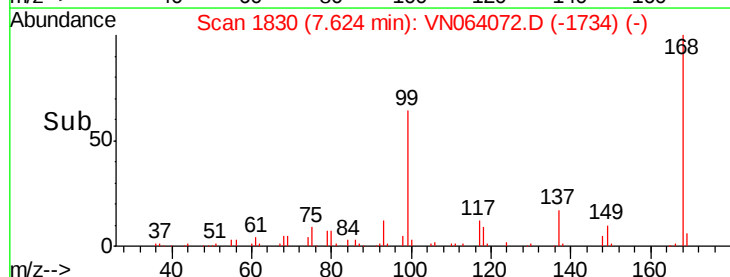
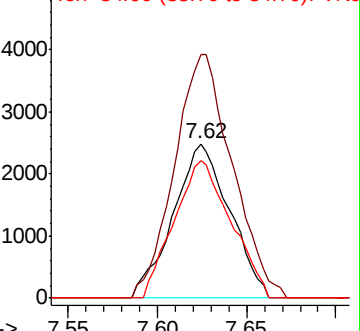
84 89.6 63.3 94.9

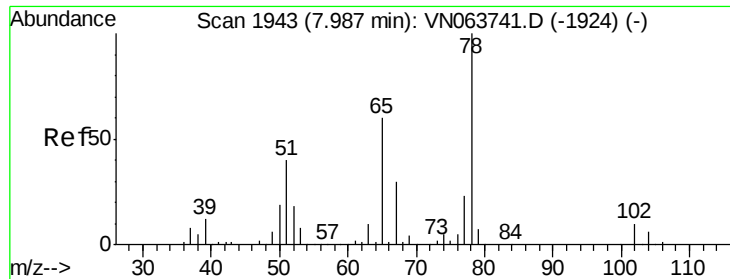


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

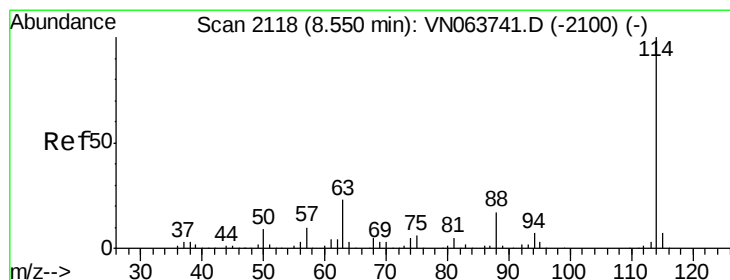
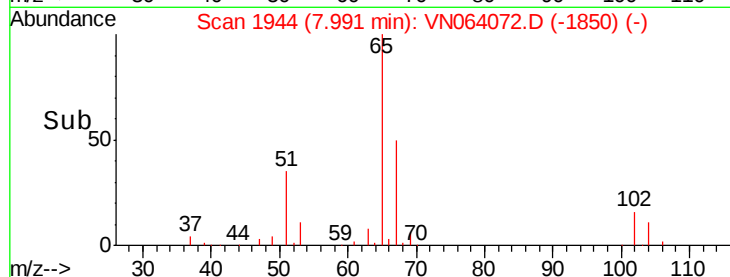
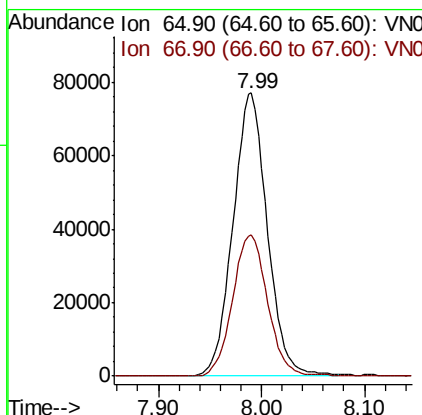
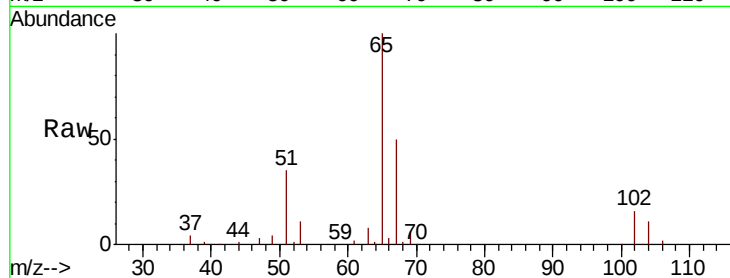




#33
 1,2-Dichloroethane-d4
 Concen: 54.084 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064072.D
 Acq: 10 Oct 2020 6:25

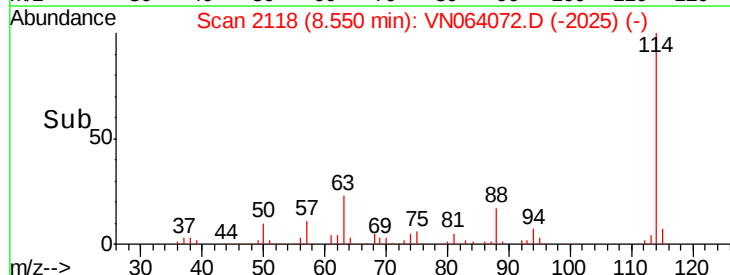
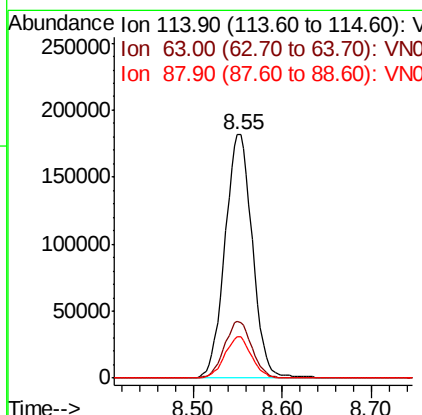
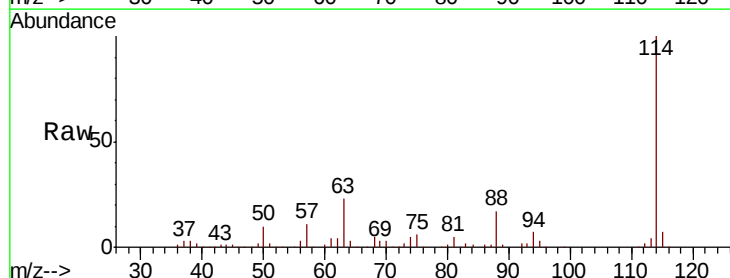
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132226ZHE#17

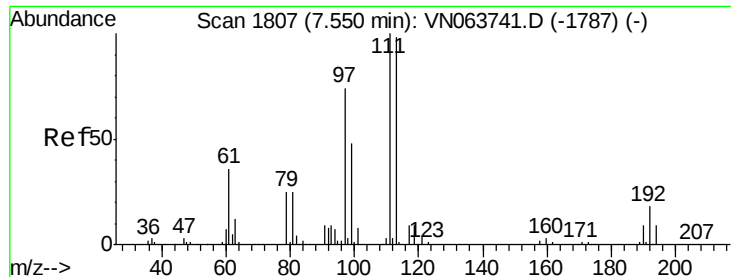
Tot Ion: 65 Resp: 178000
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064072.D
 Acq: 10 Oct 2020 6:25

Tgt Ion: 114 Resp: 386826
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.0
 88 16.9 0.0 34.0

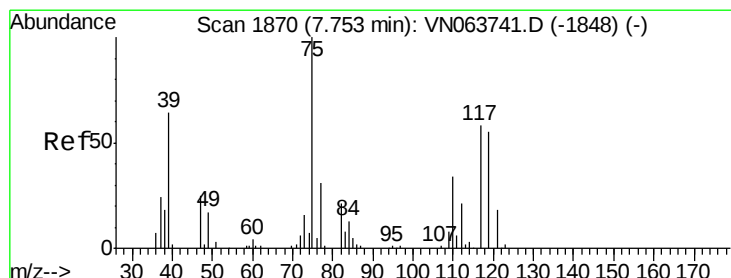
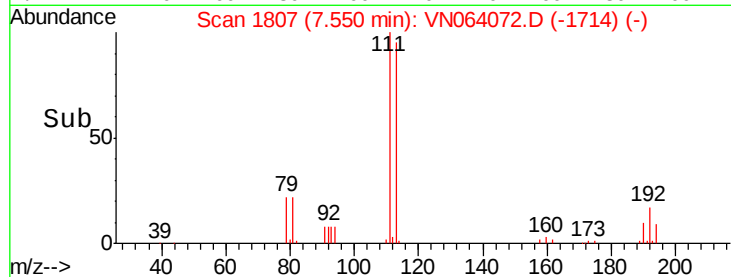
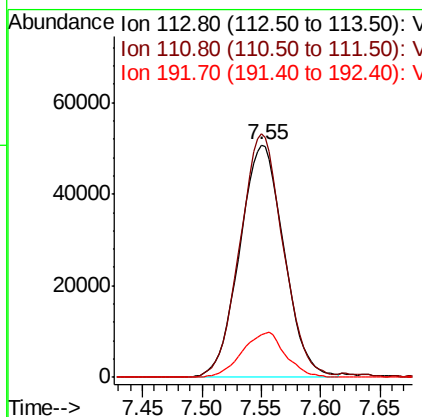
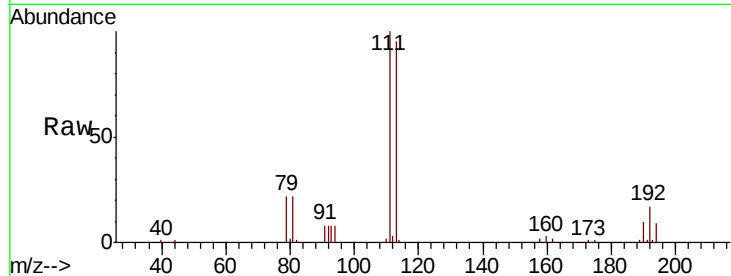




#35
 Dibromofluoromethane
 Concen: 48.765 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064072.D
 Acq: 10 Oct 2020 6:25

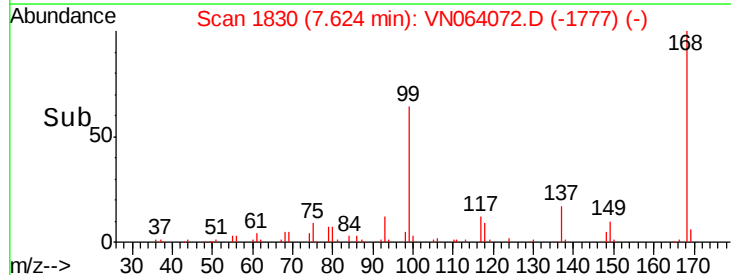
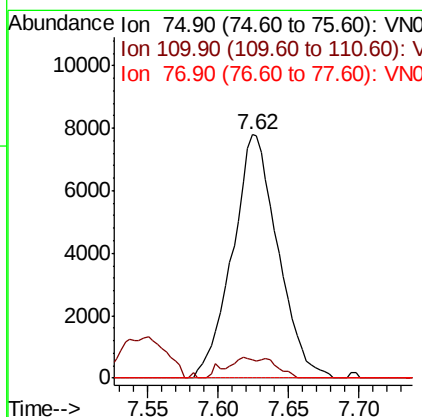
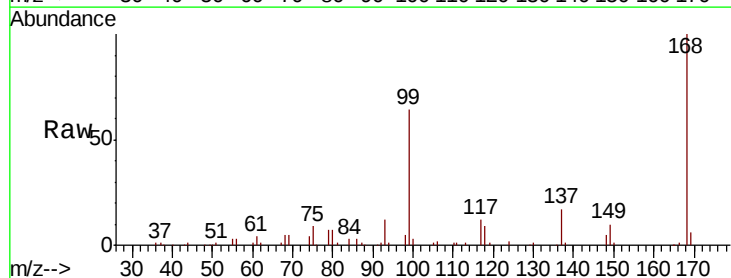
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132226ZHE#17

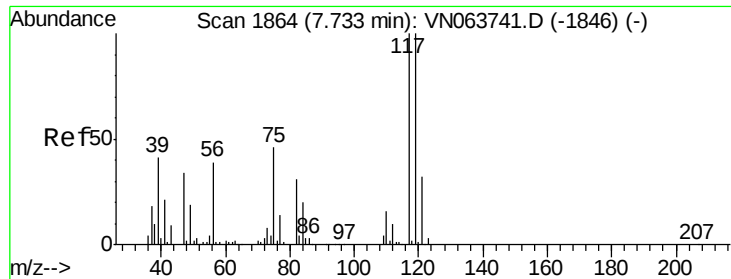
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	18.9	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 4.472 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN064072.D
 Acq: 10 Oct 2020 6:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.8	16.9	50.6#
77	0.0	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 5.125 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

Instrument :

MSVOA_N

ClientSampleId :

PB132226ZHE#17

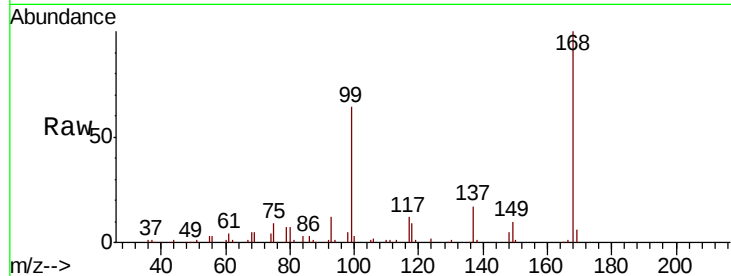
Tot Ion:117 Resp: 22522

Ion Ratio Lower Upper

117 100

119 5.3 80.1 120.1#

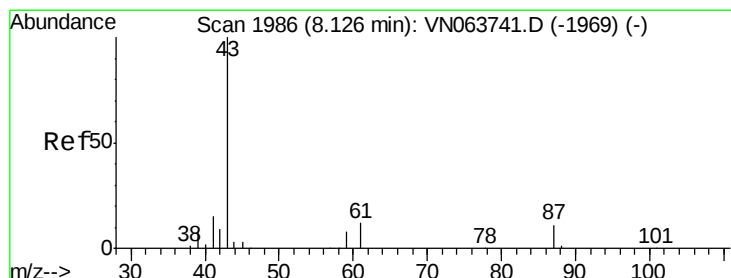
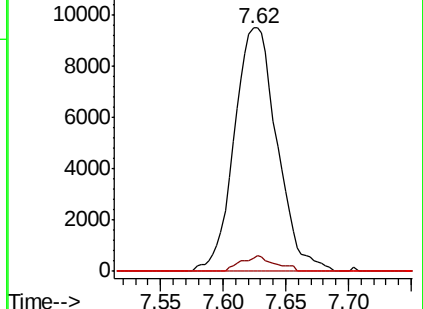
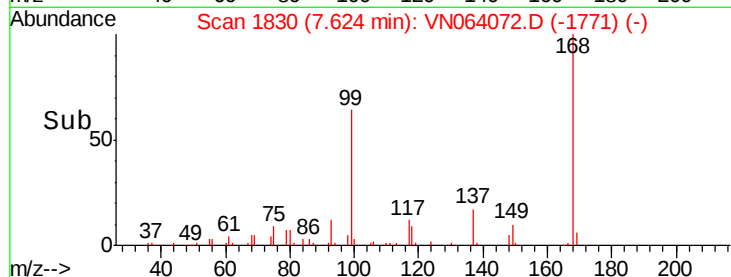
121 0.0 25.7 38.5#



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: 6.035 ug/l

RT: 8.29 min Scan# 2038

Delta R.T. 0.17 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

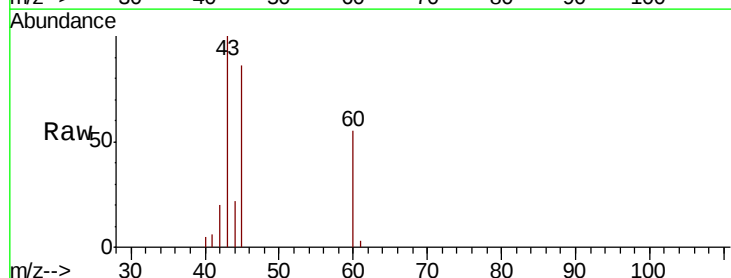
Tgt Ion: 43 Resp: 38759

Ion Ratio Lower Upper

43 100

61 0.6 14.2 21.4#

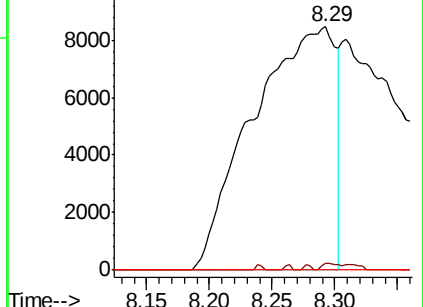
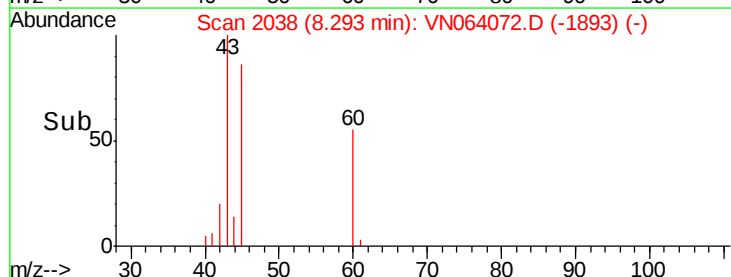
87 0.0 9.0 13.6#

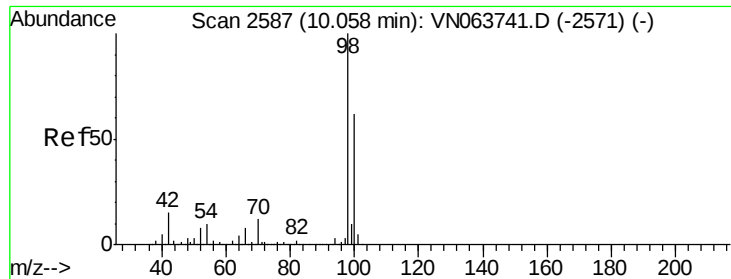


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 47.613 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

Instrument :

MSVOA_N

ClientSampleId :

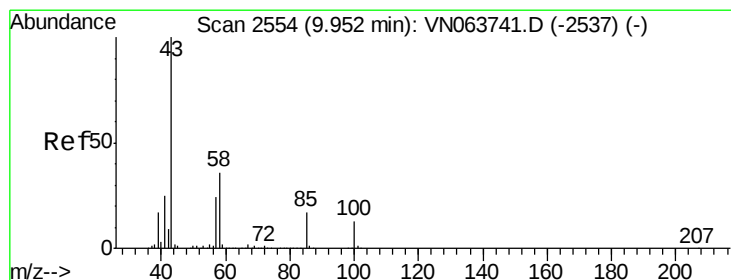
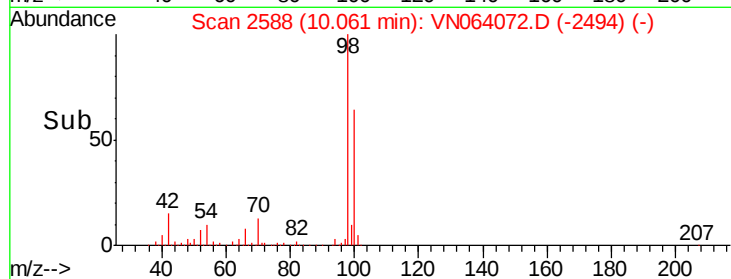
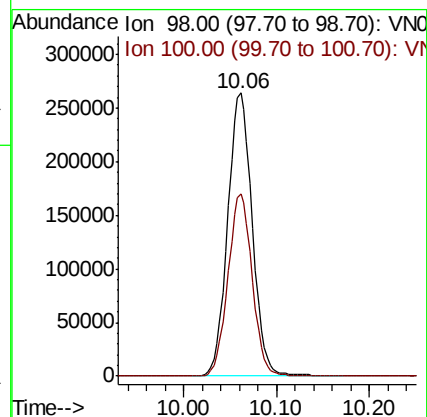
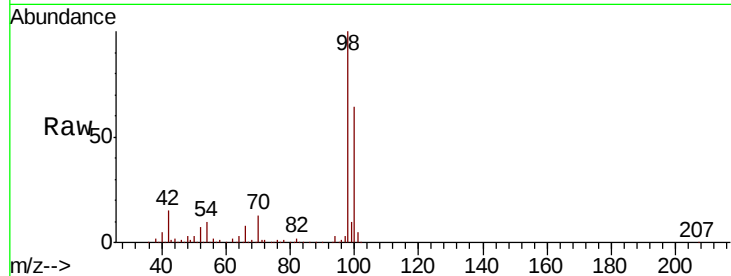
PB132226ZHE#17

Tot Ion: 98 Resp: 484463

Ion Ratio Lower Upper

98 100

100 63.5 49.8 74.6



#51

4-Methyl-2-Pentanone

Concen: 0.539 ug/l

RT: 9.96 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN064072.D

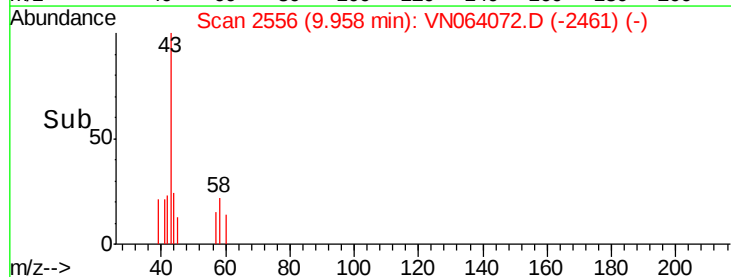
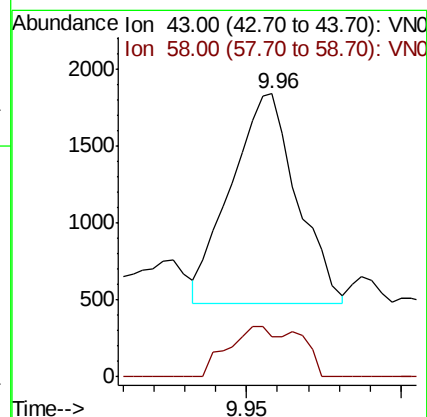
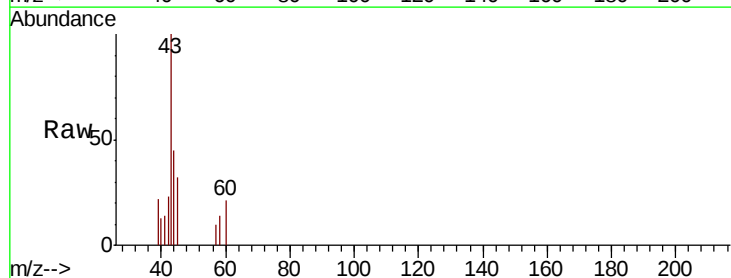
Acq: 10 Oct 2020 6:25

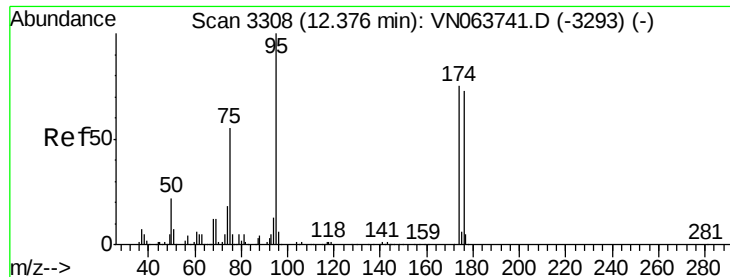
Tgt Ion: 43 Resp: 2030

Ion Ratio Lower Upper

43 100

58 25.8 28.4 42.6#





#62

4-Bromofluorobenzene

Concen: 46.935 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

Instrument :

MSVOA_N

ClientSampleId :

PB132226ZHE#17

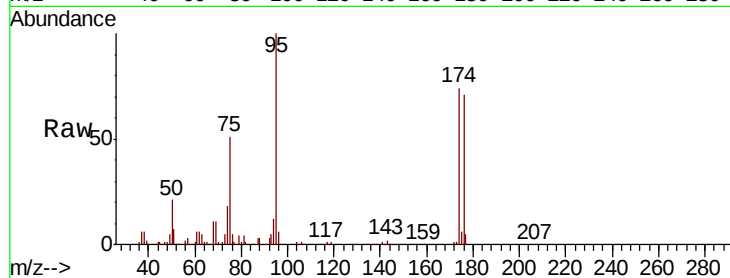
Tot Ion: 95 Resp: 179521

Ion Ratio Lower Upper

95 100

174 76.6 0.0 150.6

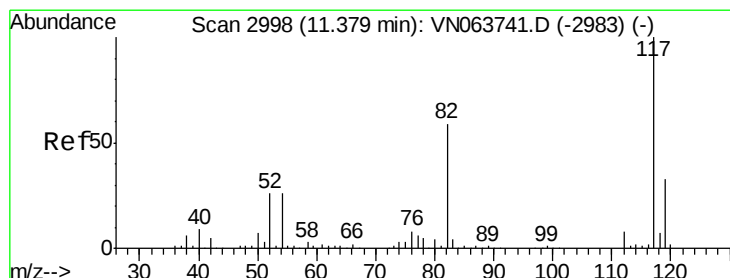
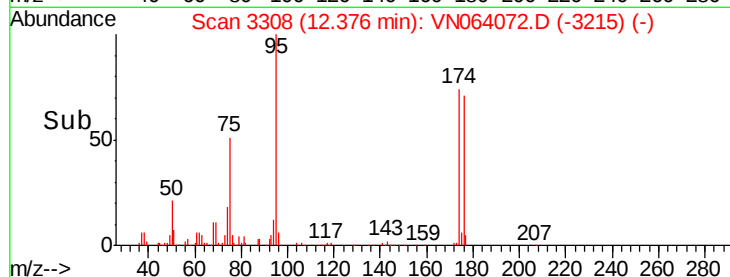
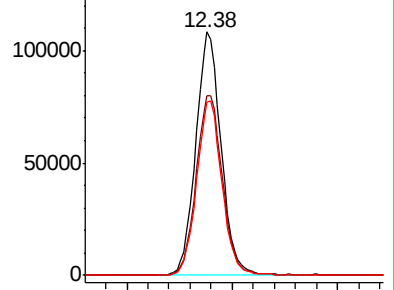
176 71.9 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

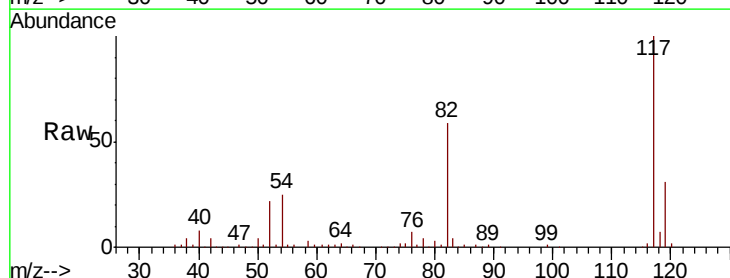
Tgt Ion: 117 Resp: 386988

Ion Ratio Lower Upper

117 100

82 58.6 47.4 71.2

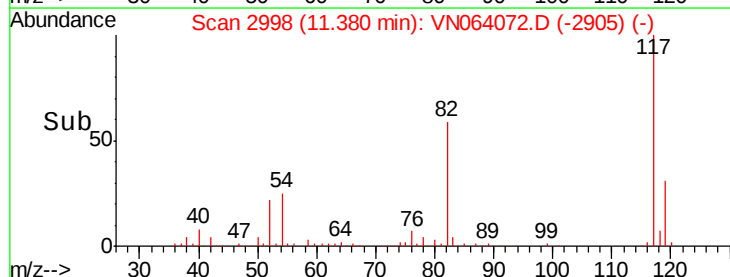
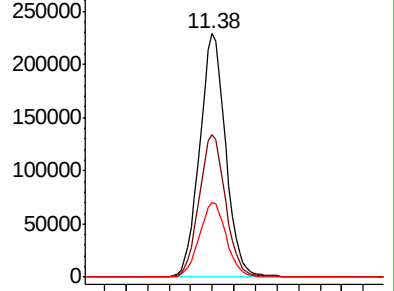
119 30.6 26.4 39.6

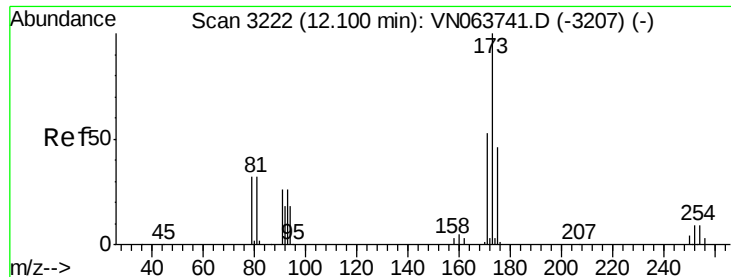


Abundance Ion 116.90 (116.60 to 117.60): VN063741.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063741.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063741.D (-2983) (-)





#71

Bromoform

Concen: 0.358 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.28 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

Instrument :

MSVOA_N

ClientSampleId :

PB132226ZHE#17

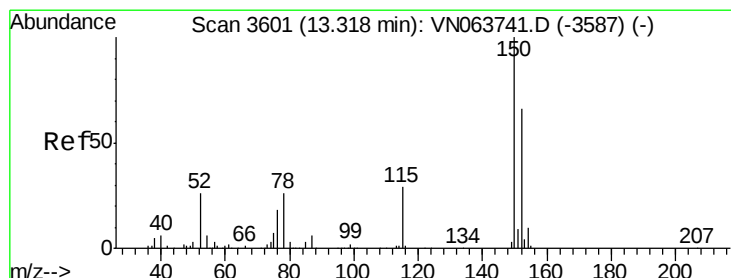
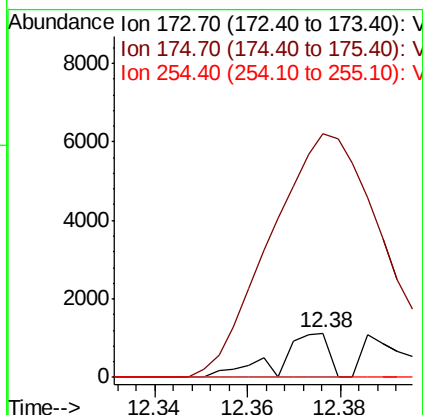
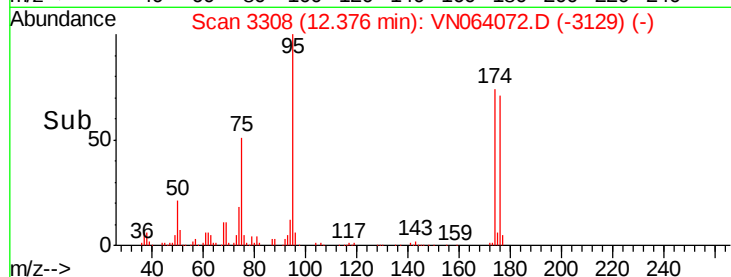
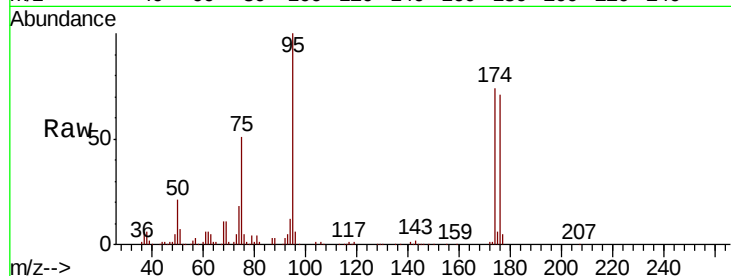
Tot Ion:173 Resp: 834

Ion Ratio Lower Upper

173 100

175 1029.0 23.5 70.5#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

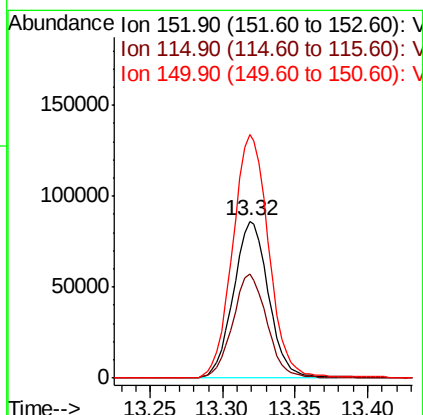
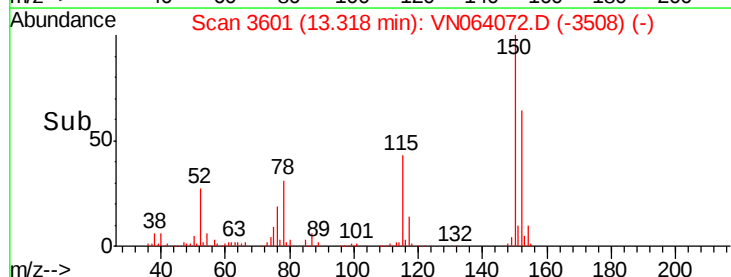
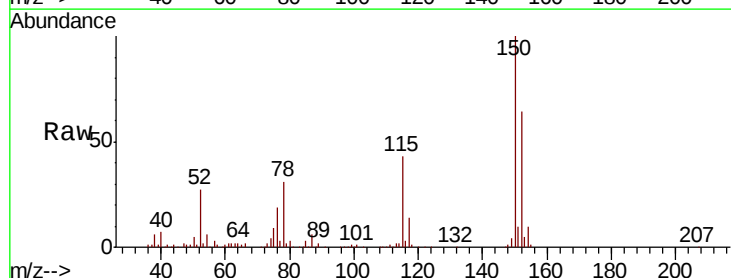
Tgt Ion:152 Resp: 145239

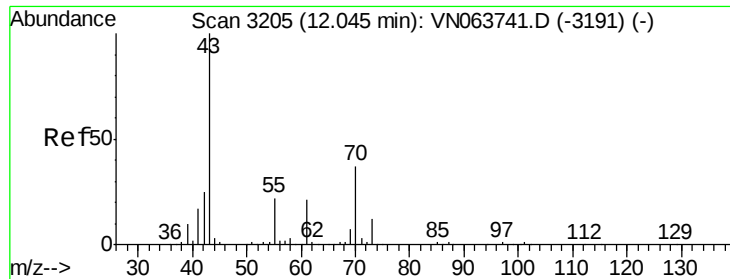
Ion Ratio Lower Upper

152 100

115 64.6 31.3 93.8

150 159.0 0.0 341.8





#74

N-amvl acetate

Concen: 2.263 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

Instrument :

MSVOA_N

ClientSampleId :

PB132226ZHE#17

Tot Ion: 43 Resp: 243

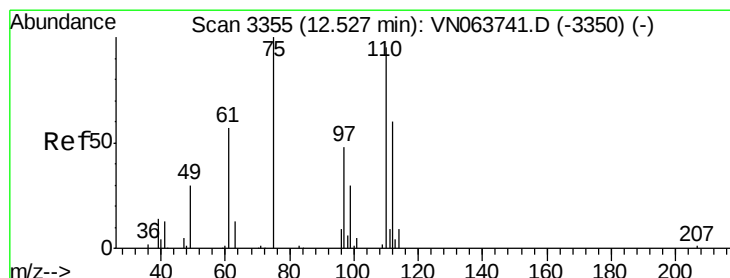
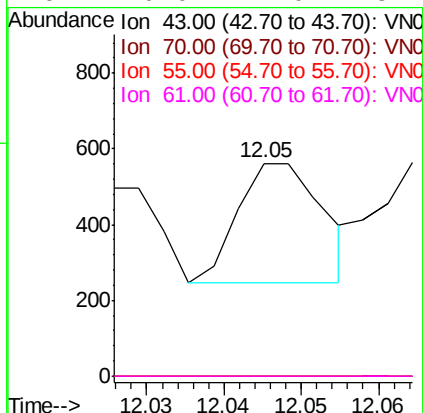
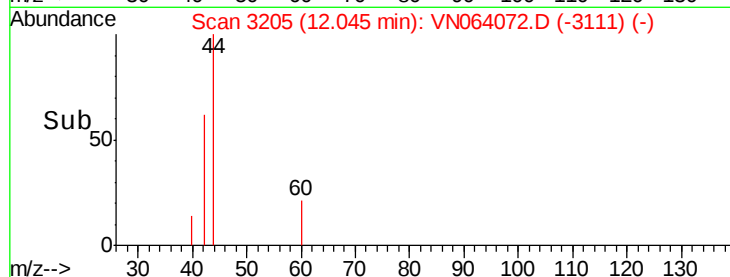
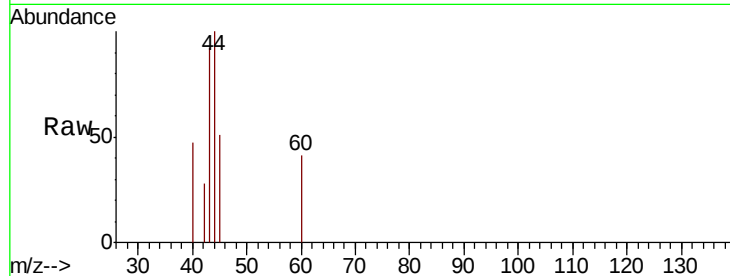
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#



#76

1,2,3-Trichloropropane

Concen: 29.738 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064072.D

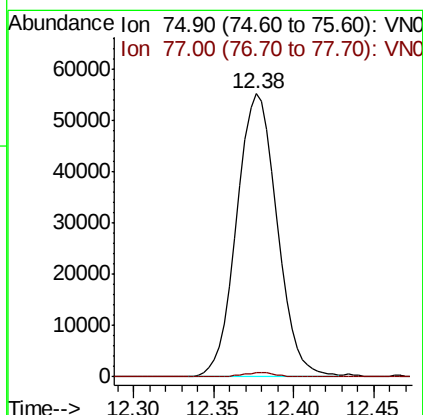
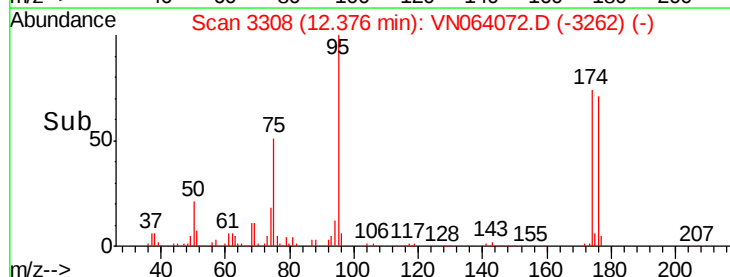
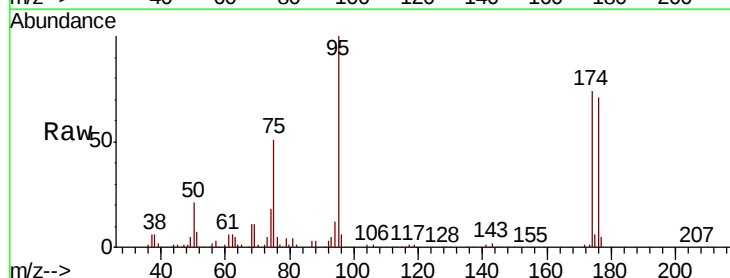
Acq: 10 Oct 2020 6:25

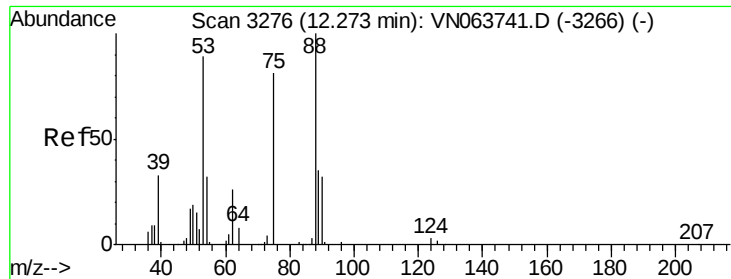
Tgt Ion: 75 Resp: 95211

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 85.651 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

Instrument :

MSVOA_N

ClientSampleId :

PB132226ZHE#17

Tot Ion: 75 Resp: 95211

Ion Ratio Lower Upper

75 100

53 0.1 88.2 132.2#

89 0.0 36.0 54.0#

