

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064074.D
 Acq On : 10 Oct 2020 7:13
 Operator : JC/MD
 Sample : PB132226ZHE#19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132226ZHE#19

Quant Time: Oct 10 08:07:01 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	198377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	386870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144921	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	182695	55.75	ug/l	0.00
Spiked Amount			Recovery	=	111.50%	
35) Dibromofluoromethane	7.55	113	129328	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
50) Toluene-d8	10.06	98	483826	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
62) 4-Bromofluorobenzene	12.38	95	180848	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	

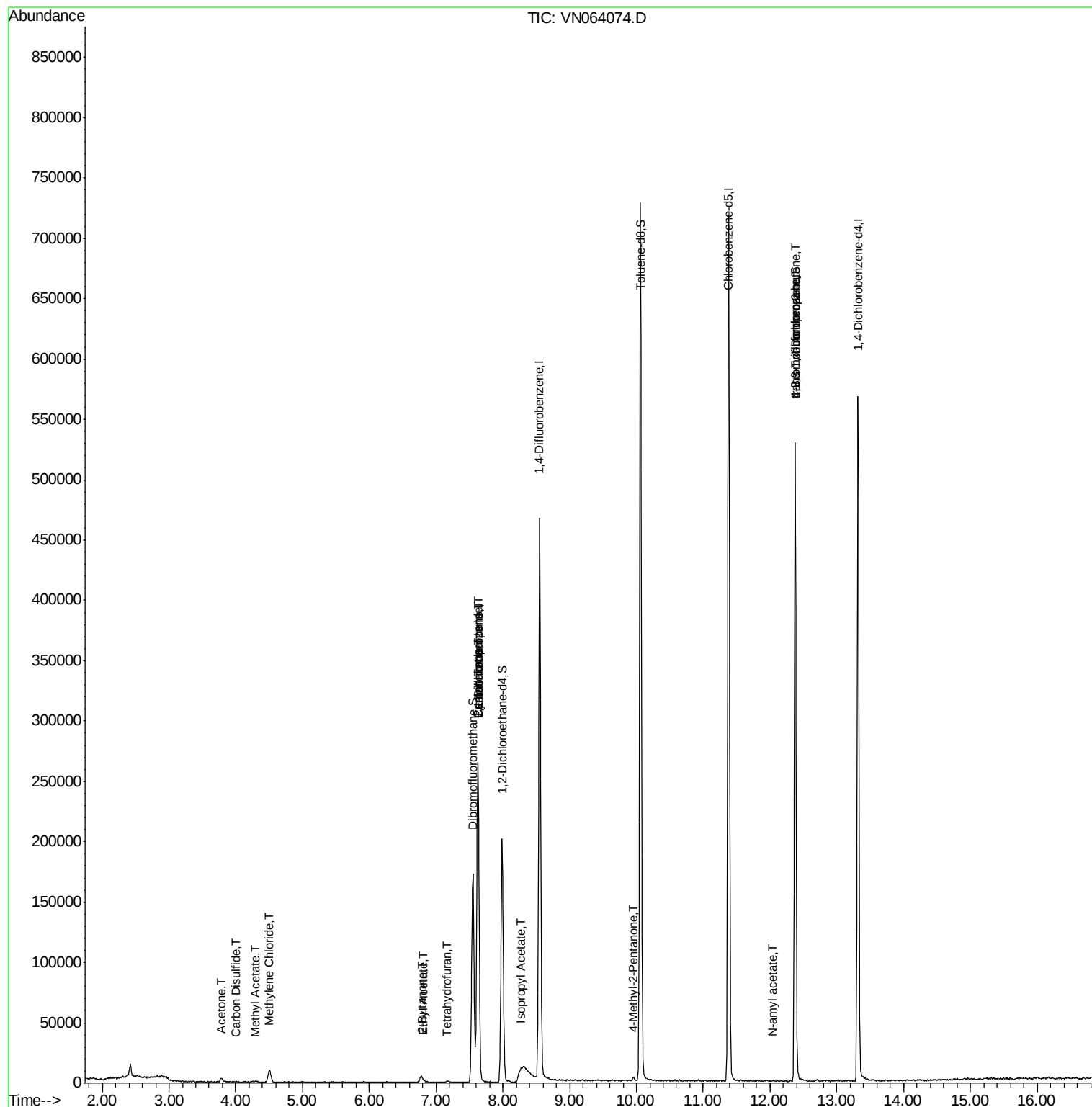
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	4488	4.449	ug/l	94
17) Carbon Disulfide	4.02	76	247	0.746	ug/l #	76
18) Methyl Acetate	4.29	43	726	0.277	ug/l #	54
20) Methylene Chloride	4.51	84	6782	3.027	ug/l	98
25) 2-Butanone	6.80	43	850	0.594	ug/l #	51
29) Tetrahydrofuran	7.16	42	642	0.669	ug/l #	39
31) Cyclohexane	7.62	56	5370	1.411	ug/l #	13
36) 1,1-Dichloropropene	7.62	75	18327	4.676	ug/l #	50
37) Ethyl Acetate	6.81	43	1222	0.314	ug/l #	70
38) Carbon Tetrachloride	7.63	117	21895	4.982	ug/l #	14
43) Isopropyl Acetate	8.27	43	10225	1.592	ug/l #	64
51) 4-Methyl-2-Pentanone	9.95	43	1477	0.392	ug/l	93
74) N-amyl acetate	12.05	43	66	2.229	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	98383	30.796	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	98383	88.698	ug/l #	6

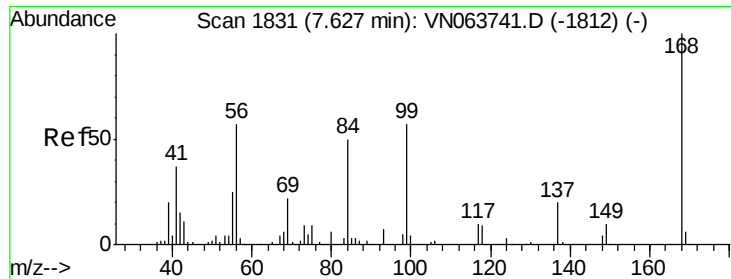
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100920\
Data File : VN064074.D
Acq On : 10 Oct 2020 7:13
Operator : JC/MD
Sample : PB132226ZHE#19
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB132226ZHE#19

Quant Time: Oct 10 08:07:01 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: VN064074.D

Acq: 10 Oct 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

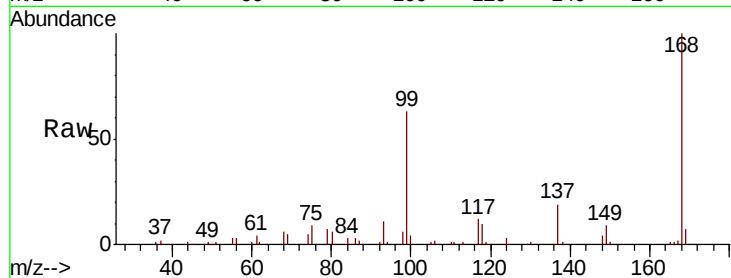
PB132226ZHE#19

Tot Ion:168 Resp: 198377

Ion Ratio Lower Upper

168 100

99 63.3 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

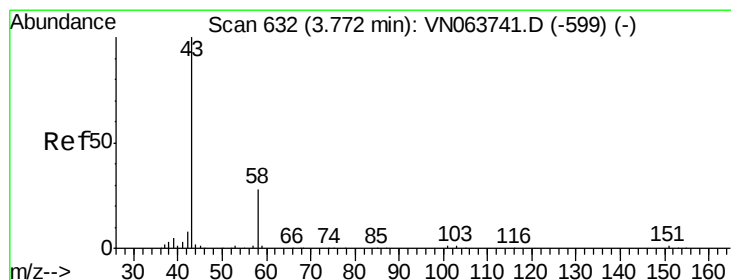
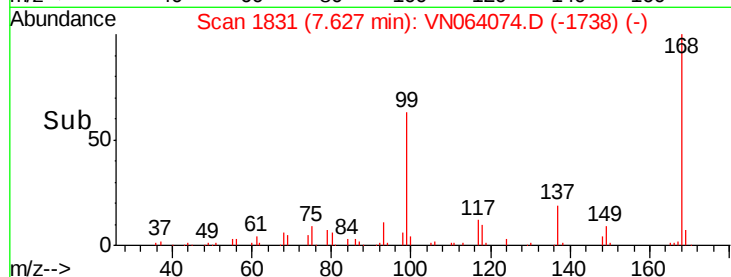
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 4.449 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN064074.D

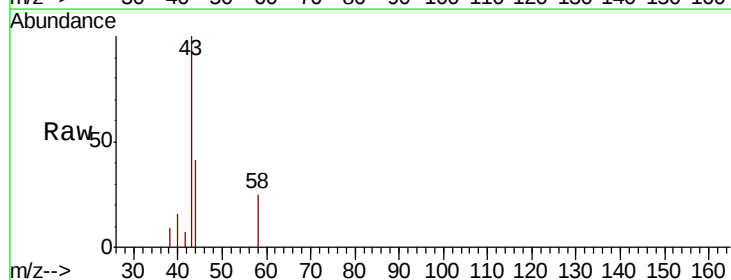
Acq: 10 Oct 2020 7:13

Tgt Ion: 43 Resp: 4488

Ion Ratio Lower Upper

43 100

58 24.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

2500

2000

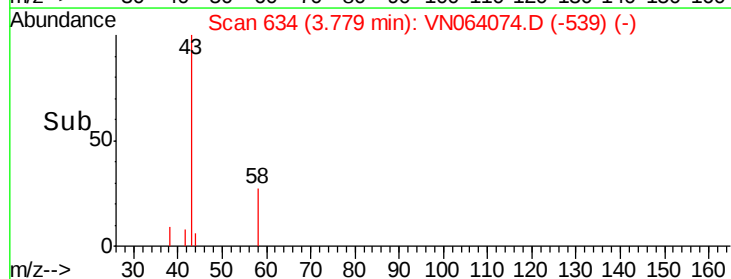
1500

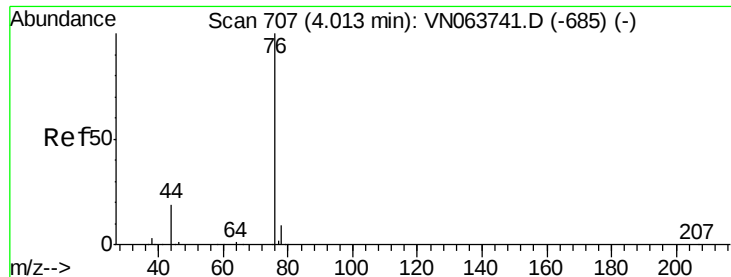
1000

500

0

Time--> 3.70 3.75 3.80





#17

Carbon Disulfide

Concen: 0.746 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN064074.D

Acq: 10 Oct 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

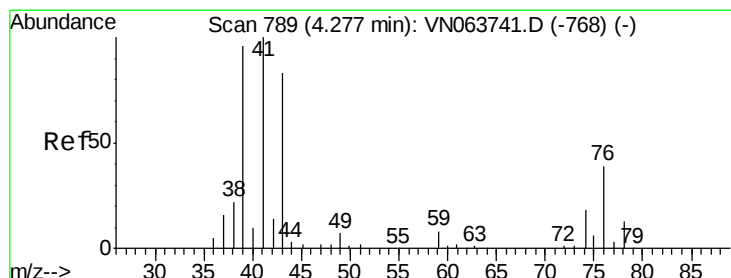
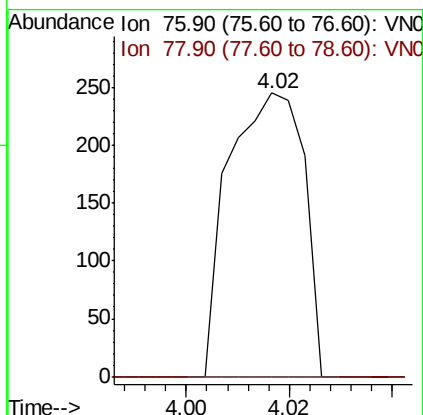
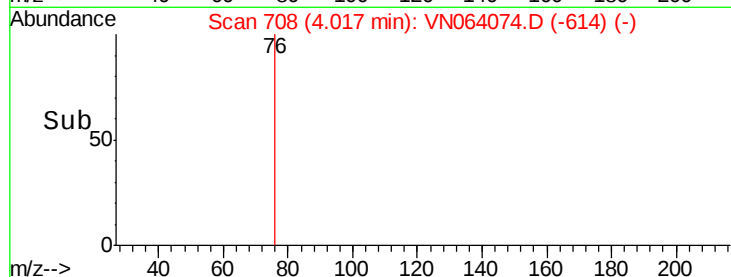
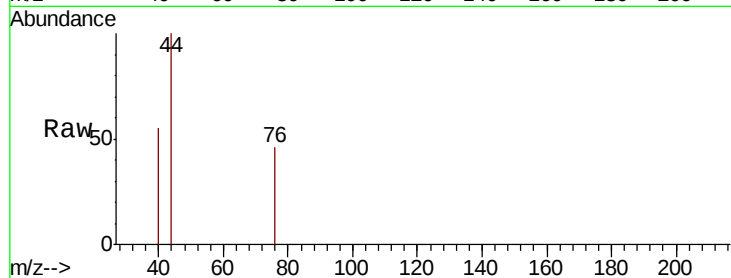
PB132226ZHE#19

Tot Ion: 76 Resp: 247

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



#18

Methyl Acetate

Concen: 0.277 ug/l

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN064074.D

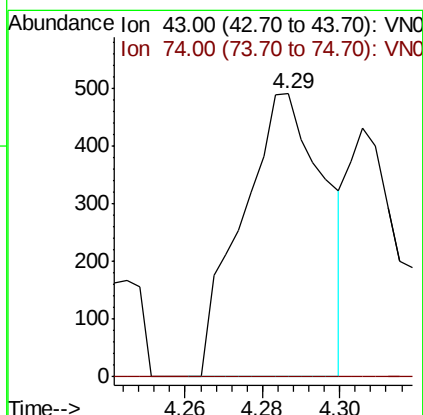
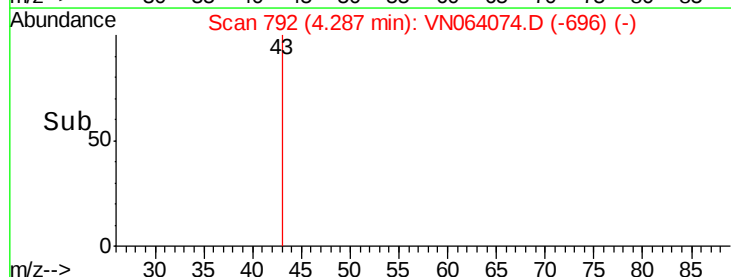
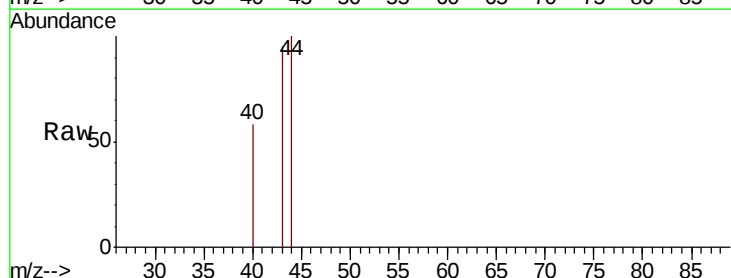
Acq: 10 Oct 2020 7:13

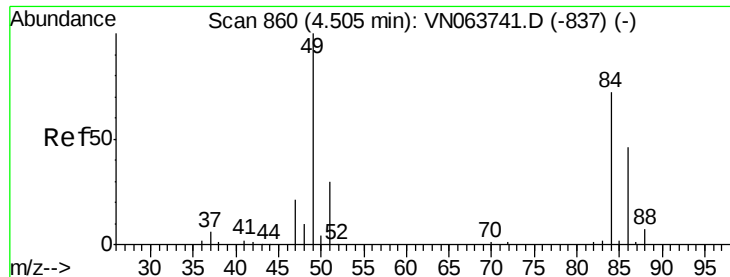
Tgt Ion: 43 Resp: 726

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.2#

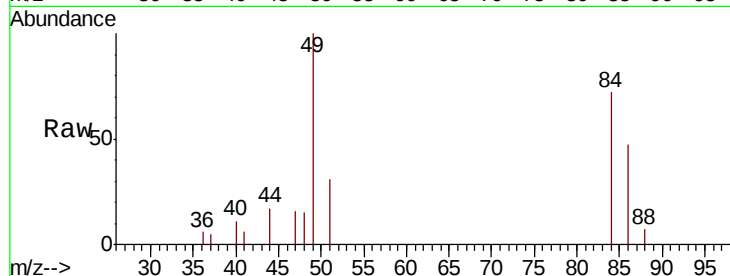




#20
Methvlene Chloride
Concen: 3.027 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064074.D
Acq: 10 Oct 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
PB132226ZHE#19

Tot Ion:	84	Resp:	6782
Ion	Ratio	Lower	Upper
84	100		
49	139.8	110.4	165.6
51	43.4	33.3	49.9
86	65.5	50.7	76.1



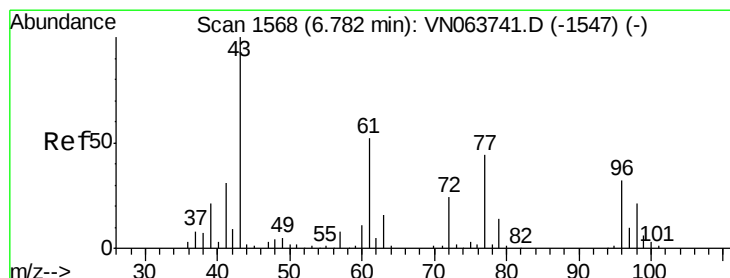
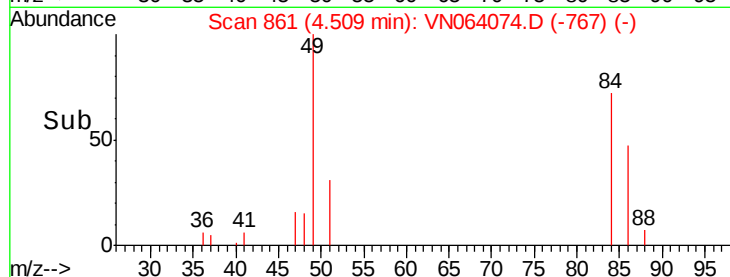
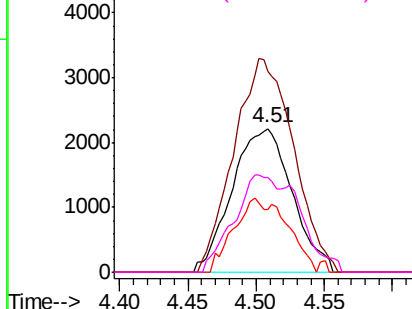
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

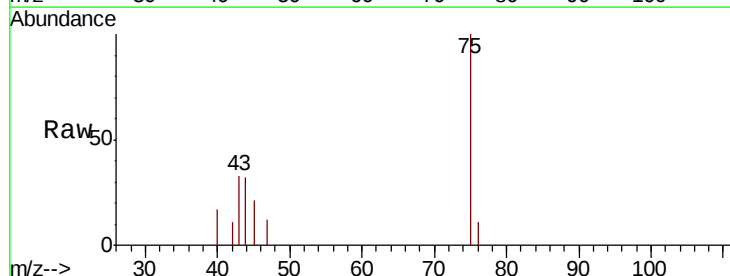
Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#25
2-Butanone
Concen: 0.594 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN064074.D
Acq: 10 Oct 2020 7:13

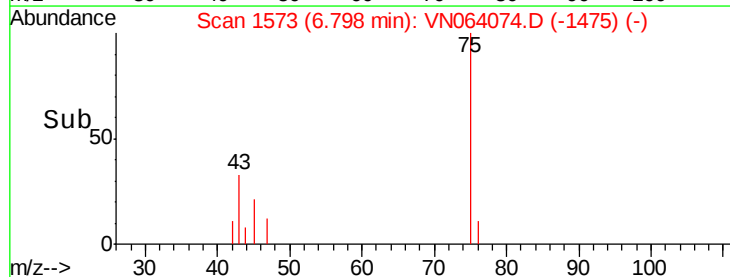
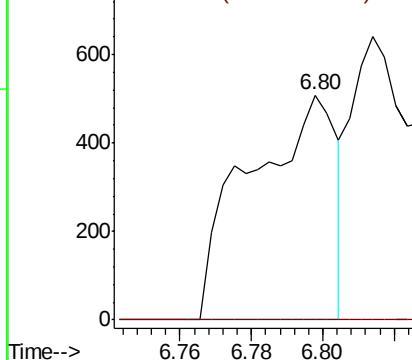
Tgt Ion:	43	Resp:	850
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.3	28.9#

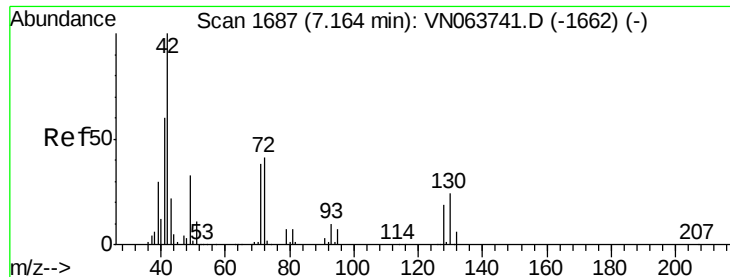


Abundance

Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO





#29

Tetrahydrofuran

Concen: 0.669 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN064074.D

Acq: 10 Oct 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

PB132226ZHE#19

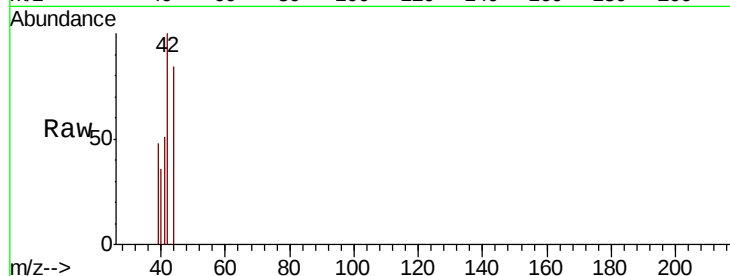
Tot Ion: 42 Resp: 642

Ion Ratio Lower Upper

42 100

72 4.5 32.8 49.2#

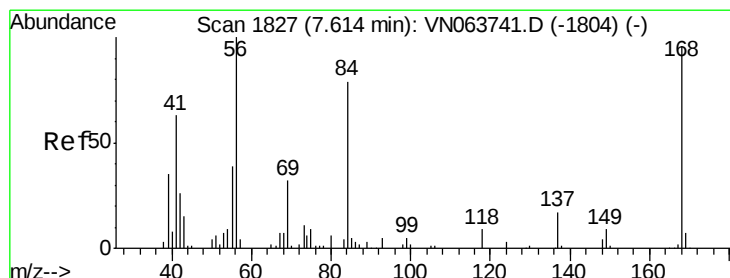
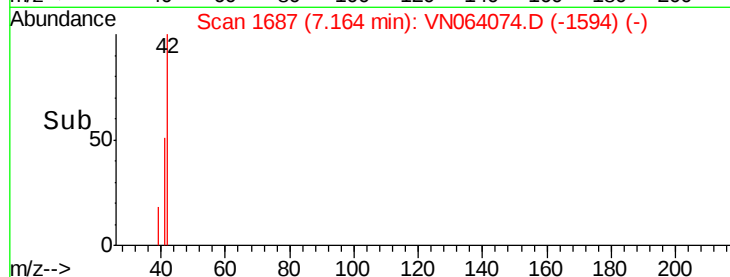
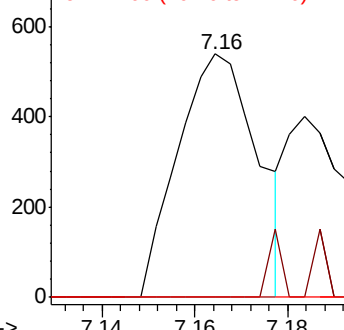
71 0.0 30.6 45.8#



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: 1.411 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064074.D

Acq: 10 Oct 2020 7:13

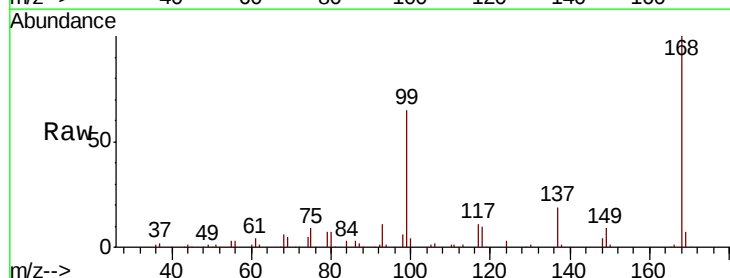
Tgt Ion: 56 Resp: 5370

Ion Ratio Lower Upper

56 100

69 167.7 25.4 38.2#

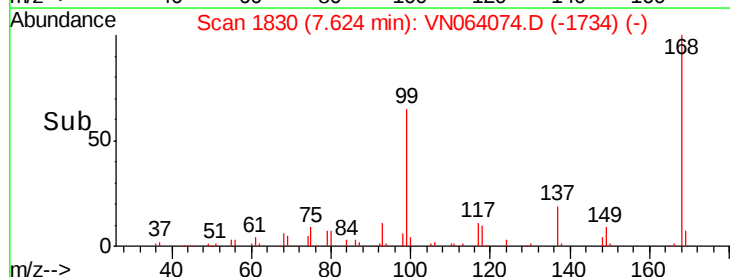
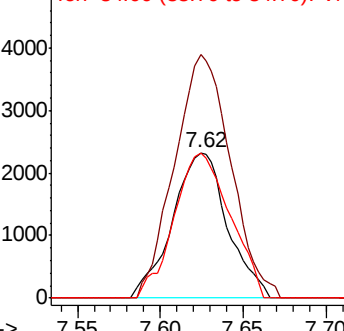
84 100.3 63.3 94.9#

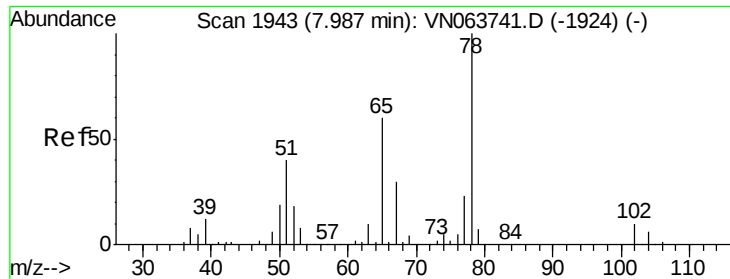


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 55.745 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064074.D

Acq: 10 Oct 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

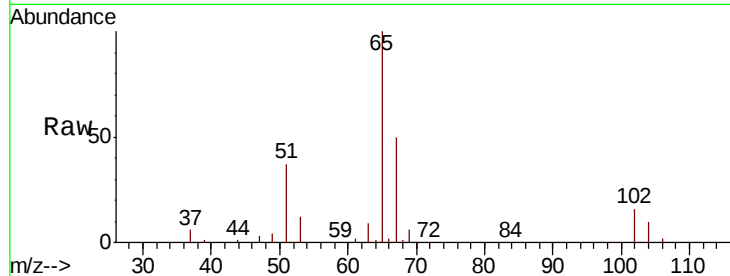
PB132226ZHE#19

Tot Ion: 65 Resp: 182695

Ion Ratio Lower Upper

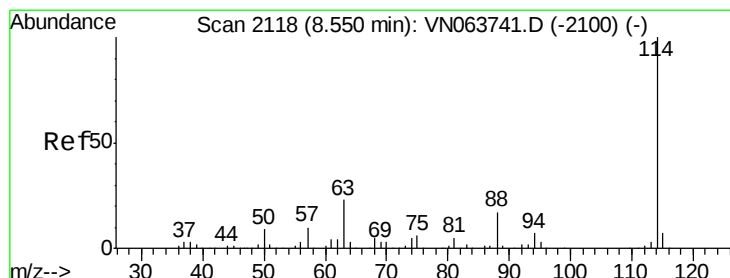
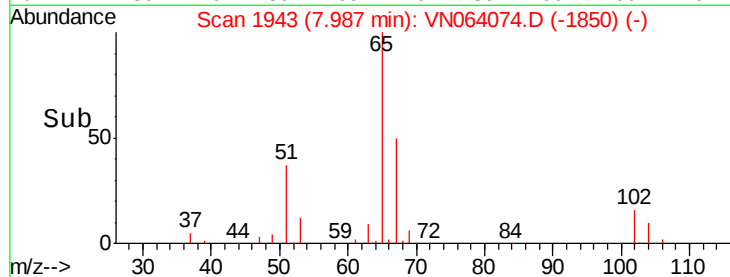
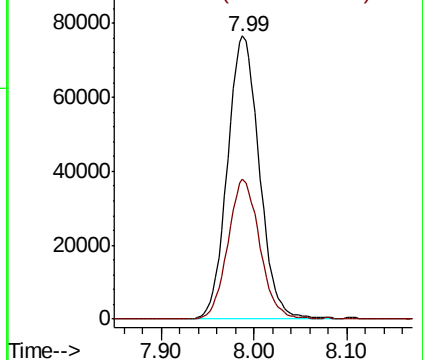
65 100

67 49.2 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064074.D

Acq: 10 Oct 2020 7:13

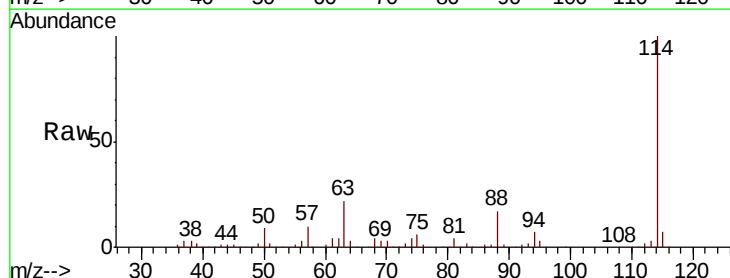
Tgt Ion: 114 Resp: 386870

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

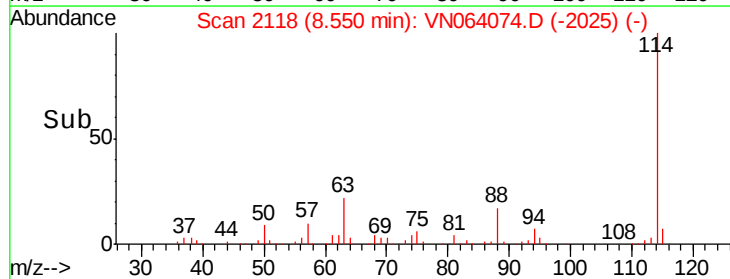
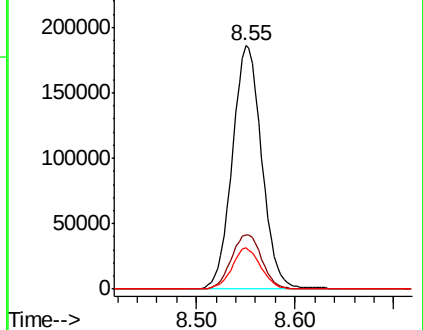
88 16.9 0.0 34.0

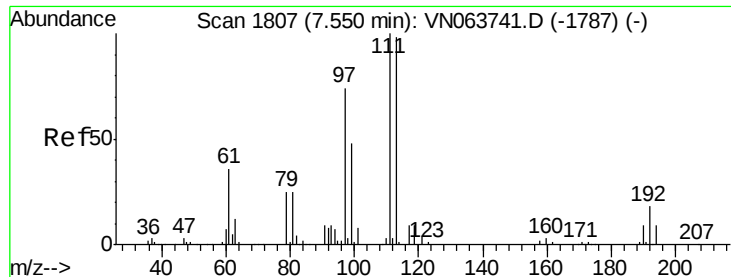


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

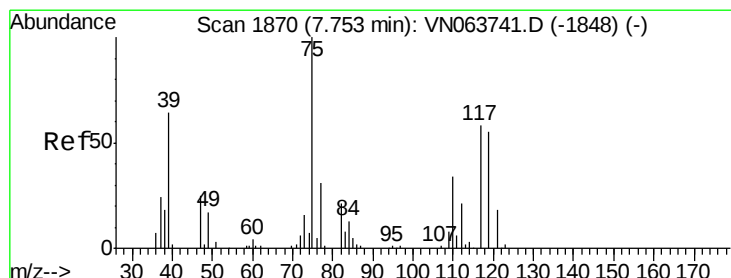
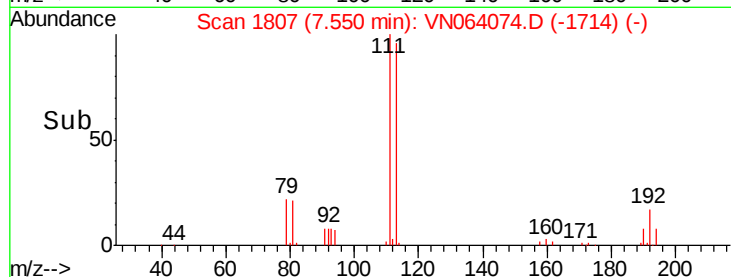
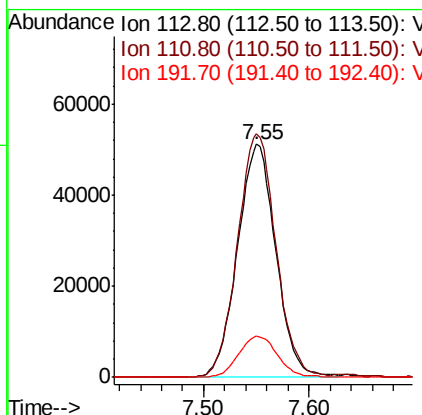
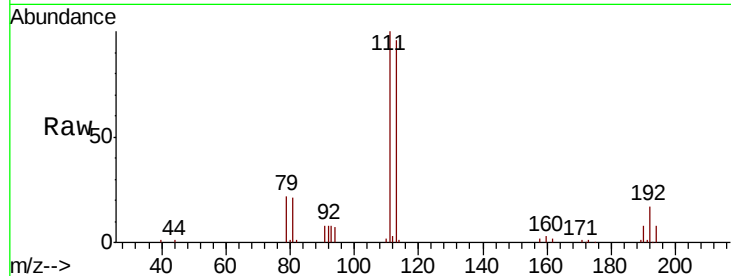




#35
Dibromofluoromethane
Concen: 48.178 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064074.D
Acq: 10 Oct 2020 7:13

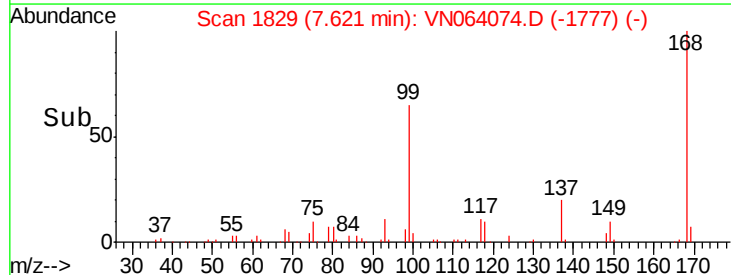
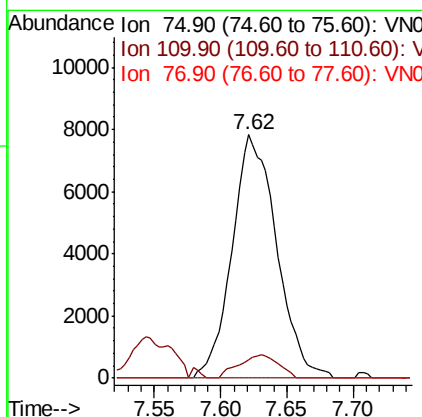
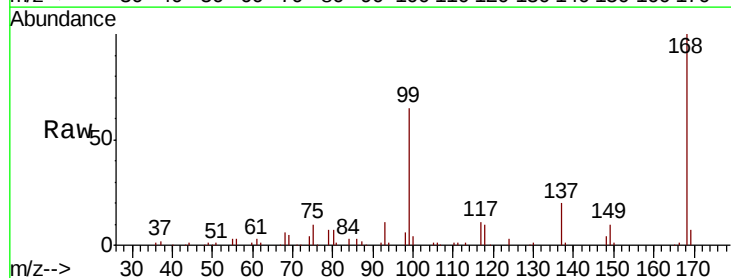
Instrument :
MSVOA_N
ClientSampleId :
PB132226ZHE#19

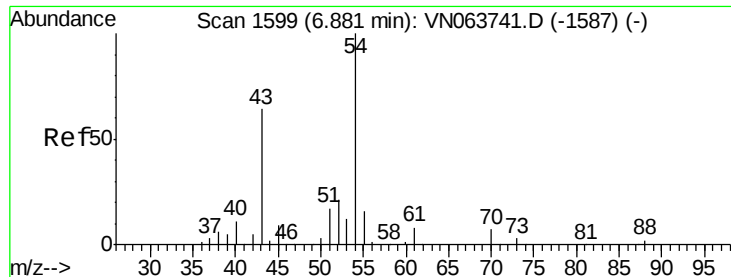
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.8	122.8
192	17.8	14.2	21.2



#36
1,1-Dichloropropene
Concen: 4.676 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. -0.13 min
Lab File: VN064074.D
Acq: 10 Oct 2020 7:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.9	50.6#
77	0.0	24.5	36.7#

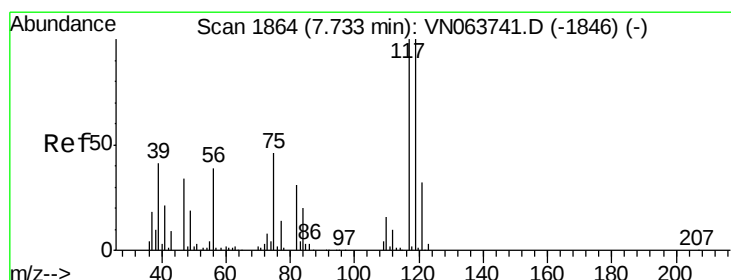
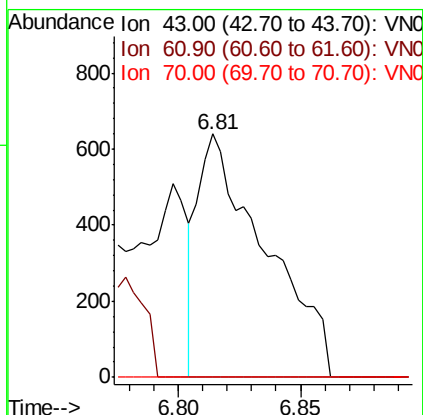
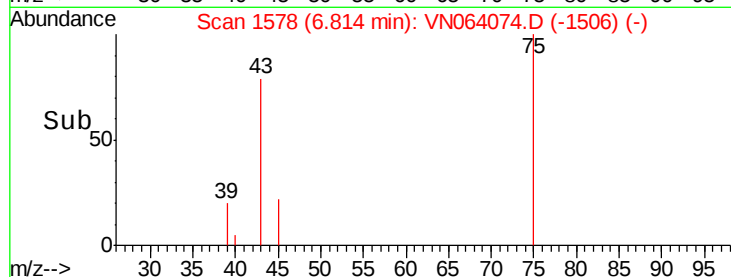
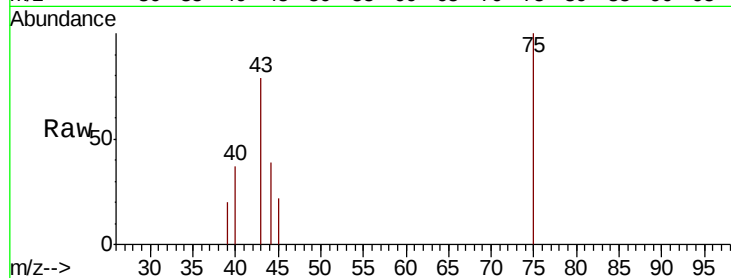




#37
Ethyl Acetate
Concen: 0.314 ug/l
RT: 6.81 min Scan# 1578
Delta R.T. -0.07 min
Lab File: VN064074.D
Acq: 10 Oct 2020 7:13

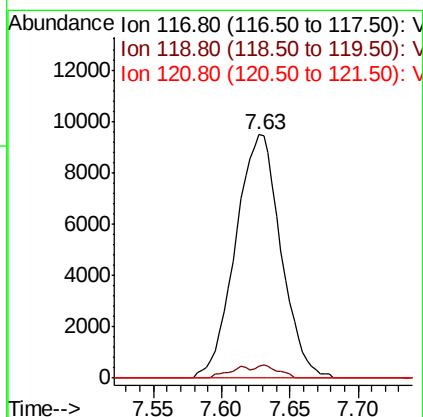
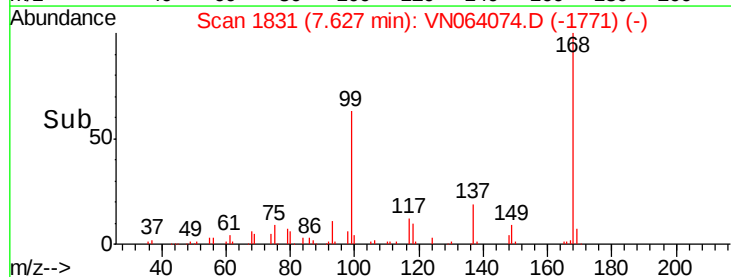
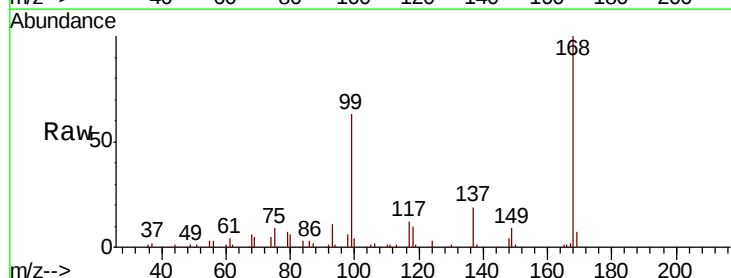
Instrument :
MSVOA_N
ClientSampleId :
PB132226ZHE#19

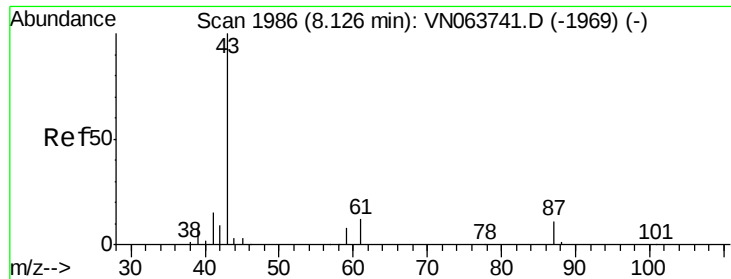
Tot Ion: 43 Resp: 1222
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 7.3 10.9#



#38
Carbon Tetrachloride
Concen: 4.982 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064074.D
Acq: 10 Oct 2020 7:13

Tgt Ion: 117 Resp: 21895
Ion Ratio Lower Upper
117 100
119 5.1 80.1 120.1#
121 0.0 25.7 38.5#

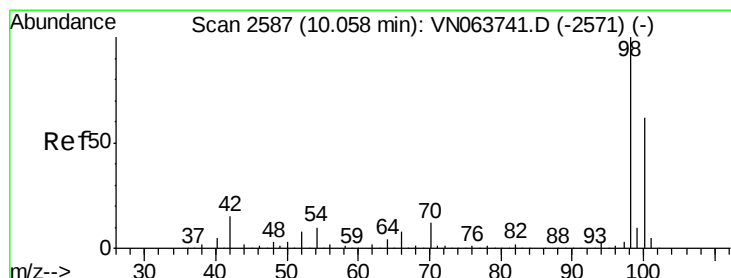
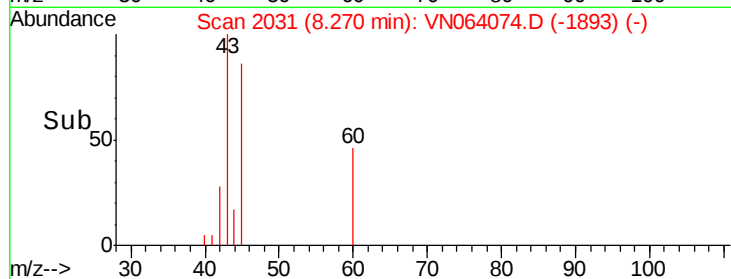
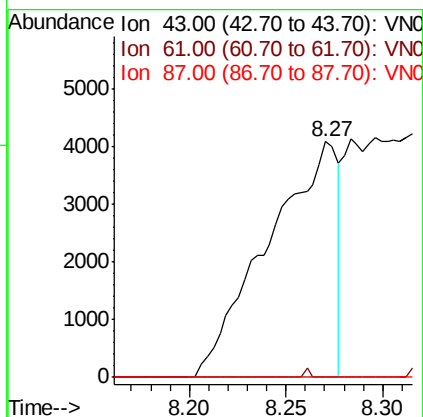
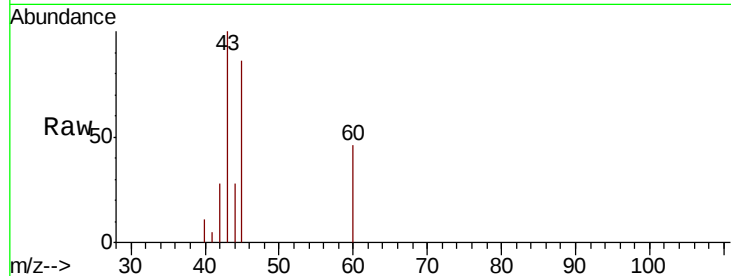




#43
Isopropyl Acetate
Concen: 1.592 ug/l
RT: 8.27 min Scan# 2031
Delta R.T. 0.14 min
Lab File: VN064074.D
Acq: 10 Oct 2020 7:13

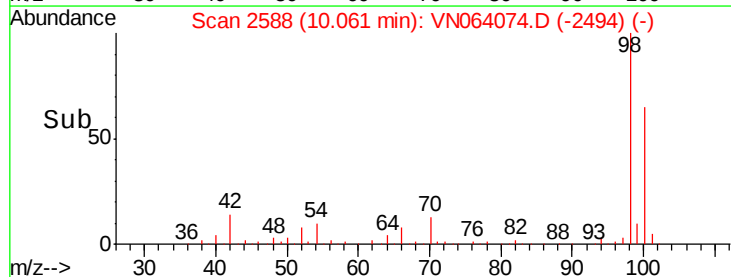
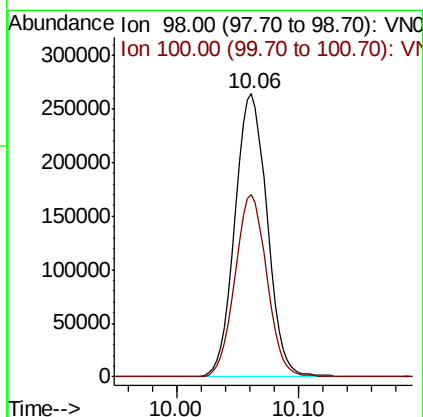
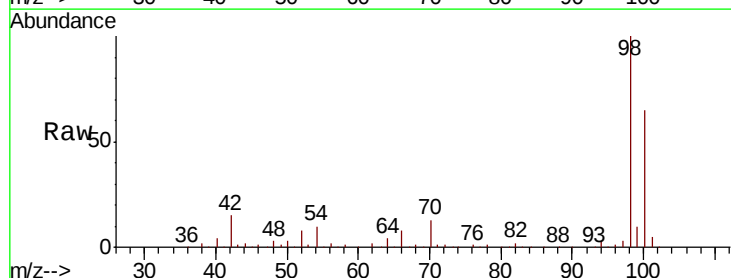
Instrument :
MSVOA_N
ClientSampleId :
PB132226ZHE#19

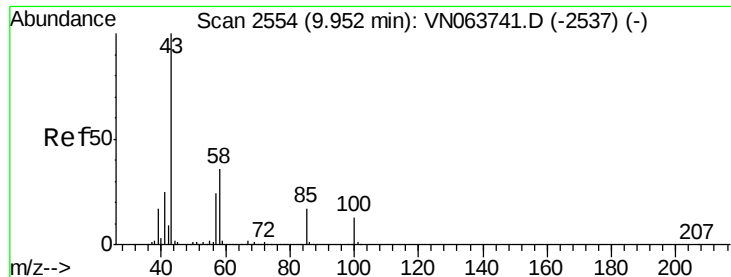
Tot Ion: 43 Resp: 10225
Ion Ratio Lower Upper
43 100
61 0.0 14.2 21.4#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 47.545 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064074.D
Acq: 10 Oct 2020 7:13

Tgt Ion: 98 Resp: 483826
Ion Ratio Lower Upper
98 100
100 63.8 49.8 74.6

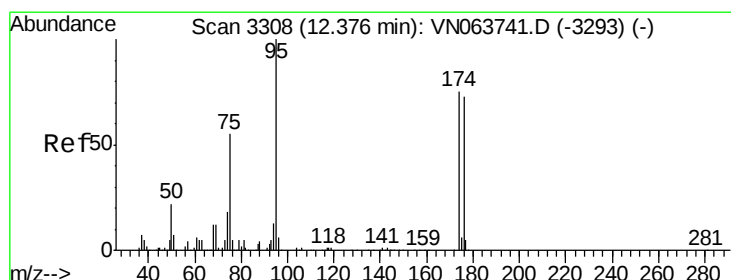
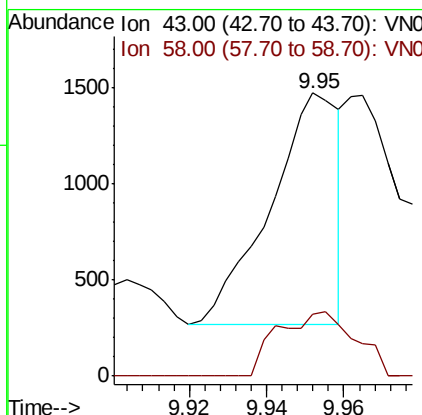
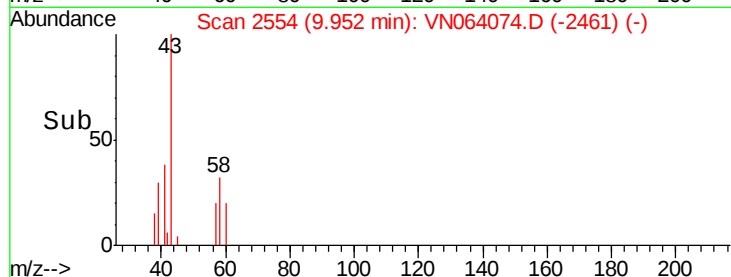
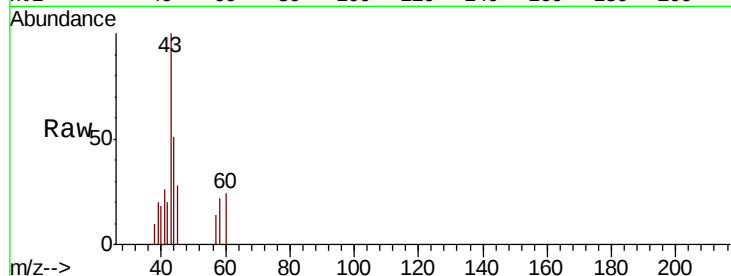




#51
 4-Methyl-2-Pentanone
 Concen: 0.392 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064074.D
 Acq: 10 Oct 2020 7:13

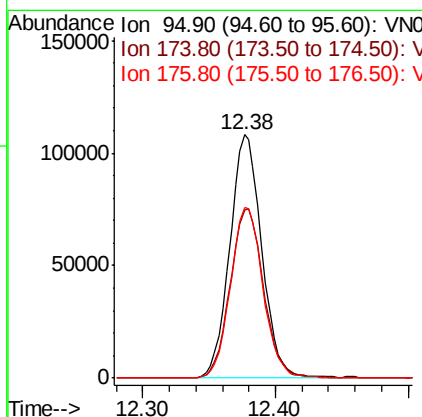
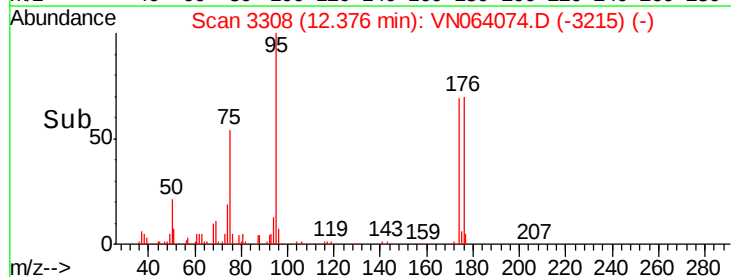
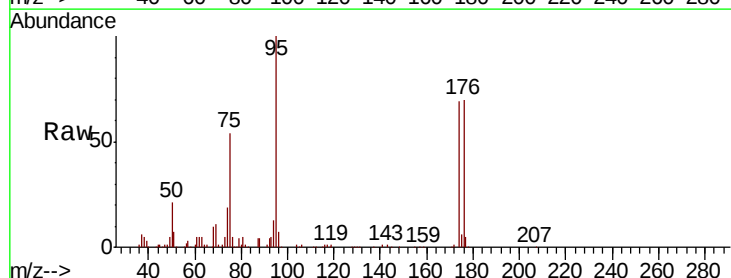
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132226ZHE#19

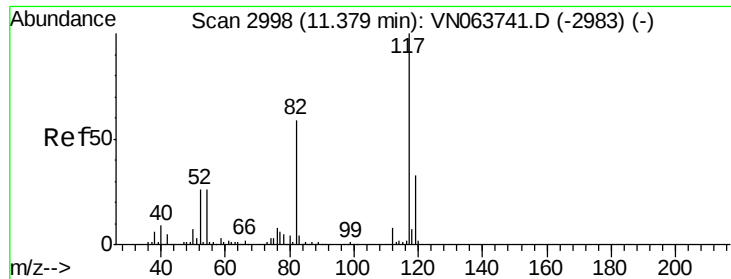
Tot Ion: 43 Resp: 1477
 Ion Ratio Lower Upper
 43 100
 58 31.6 28.4 42.6



#62
 4-Bromofluorobenzene
 Concen: 47.276 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064074.D
 Acq: 10 Oct 2020 7:13

Tgt Ion: 95 Resp: 180848
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 150.6
 176 71.3 0.0 145.4

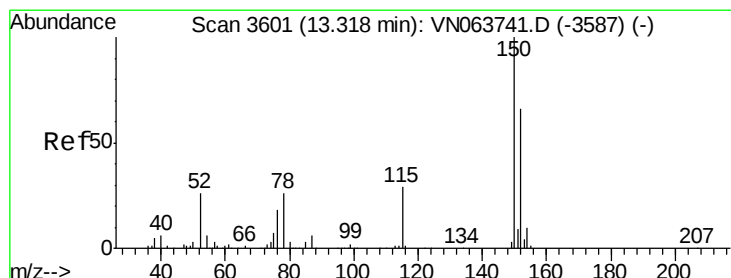
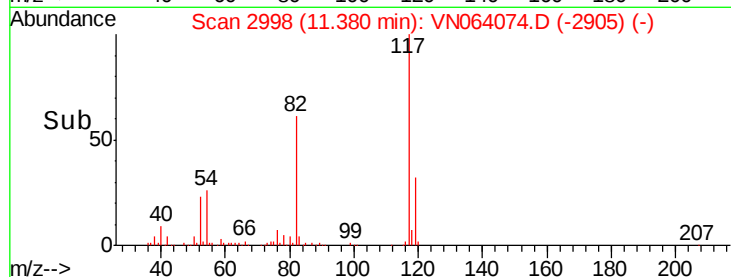
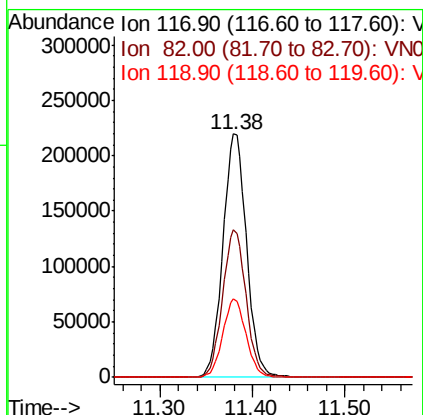
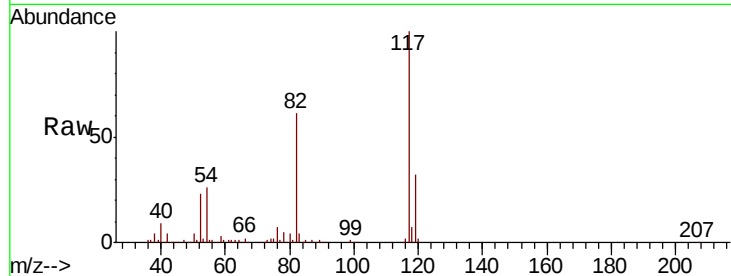




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064074.D
Acq: 10 Oct 2020 7:13

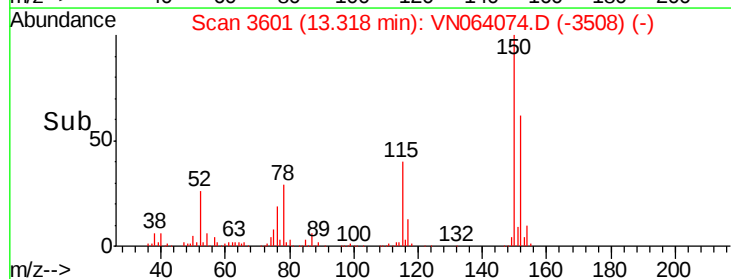
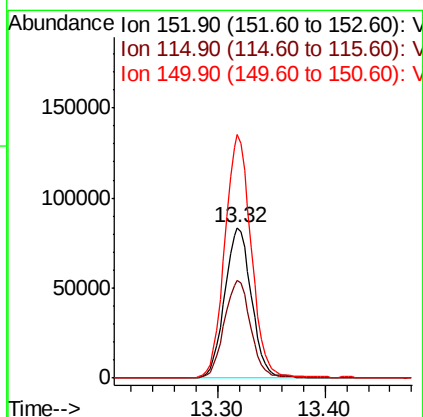
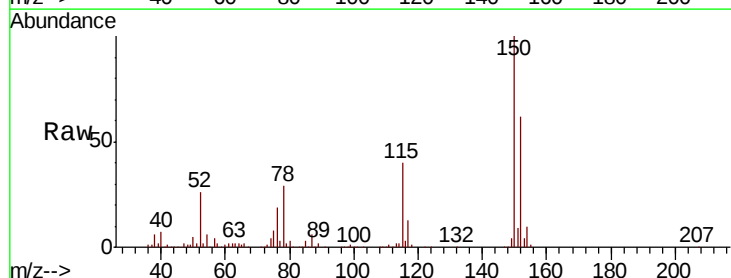
Instrument :
MSVOA_N
ClientSampleId :
PB132226ZHE#19

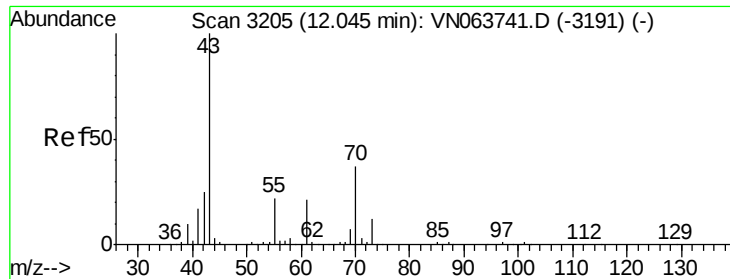
Tot Ion:117 Resp: 387994
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 32.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064074.D
Acq: 10 Oct 2020 7:13

Tgt Ion:152 Resp: 144921
Ion Ratio Lower Upper
152 100
115 64.2 31.3 93.8
150 158.4 0.0 341.8





#74

N-amvl acetate

Concen: 2.229 ug/l

RT: 12.05 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VN064074.D

Acq: 10 Oct 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

PB132226ZHE#19

Tot Ion: 43 Resp: 66

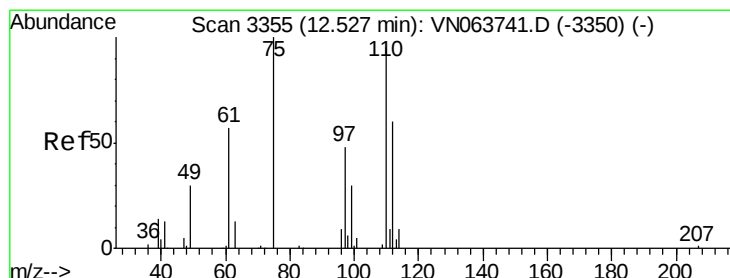
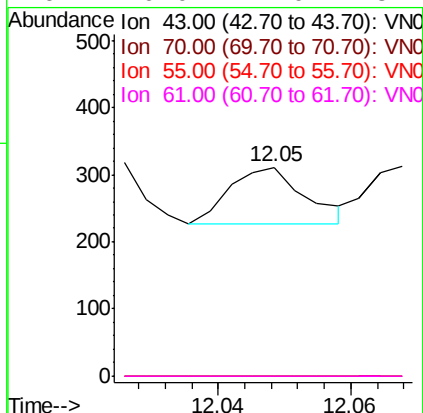
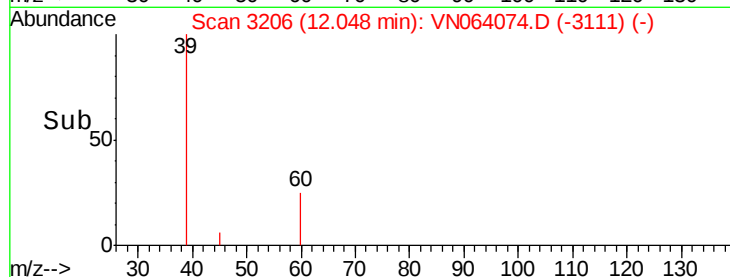
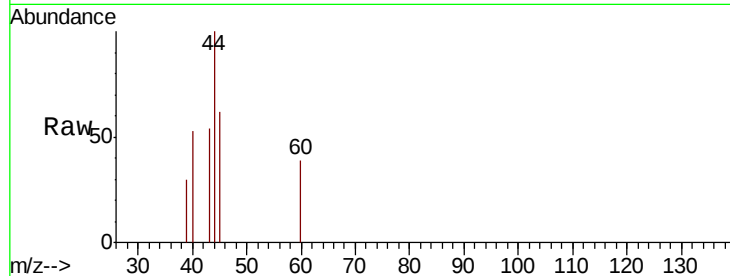
Ion Ratio Lower Upper

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: 30.796 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064074.D

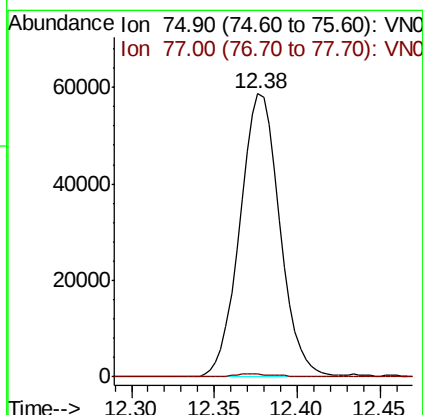
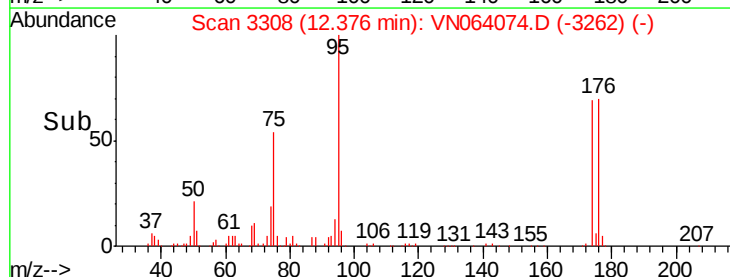
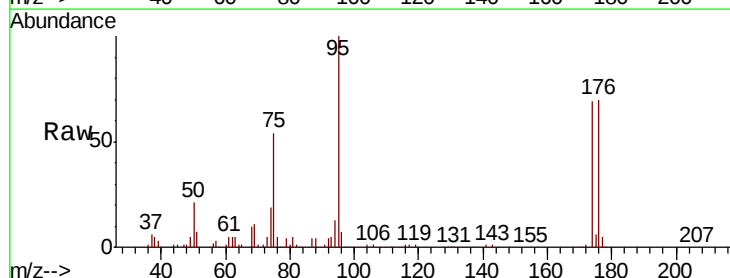
Acq: 10 Oct 2020 7:13

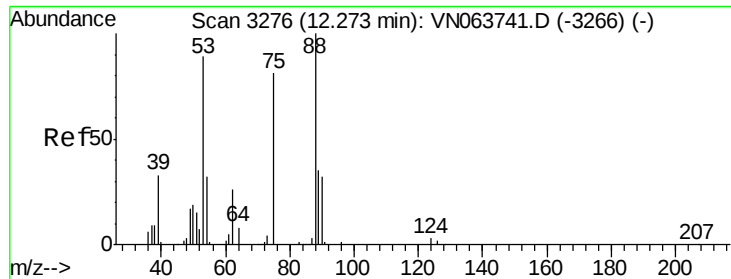
Tgt Ion: 75 Resp: 98383

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 88.698 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064074.D

Acq: 10 Oct 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

PB132226ZHE#19

Tot Ion: 75 Resp: 98383

Ion Ratio Lower Upper

75 100

53 0.1 88.2 132.2#

89 0.0 36.0 54.0#

