

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092920\
 Data File : VN063723.D
 Acq On : 29 Sep 2020 13:23
 Operator : JC/MD
 Sample : VN0929WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBL01

Quant Time: Sep 29 14:36:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	231980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	418176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	419414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180318	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	187814	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
35) Dibromofluoromethane	7.55	113	138718	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
50) Toluene-d8	10.06	98	531182	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.38	95	208951	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	

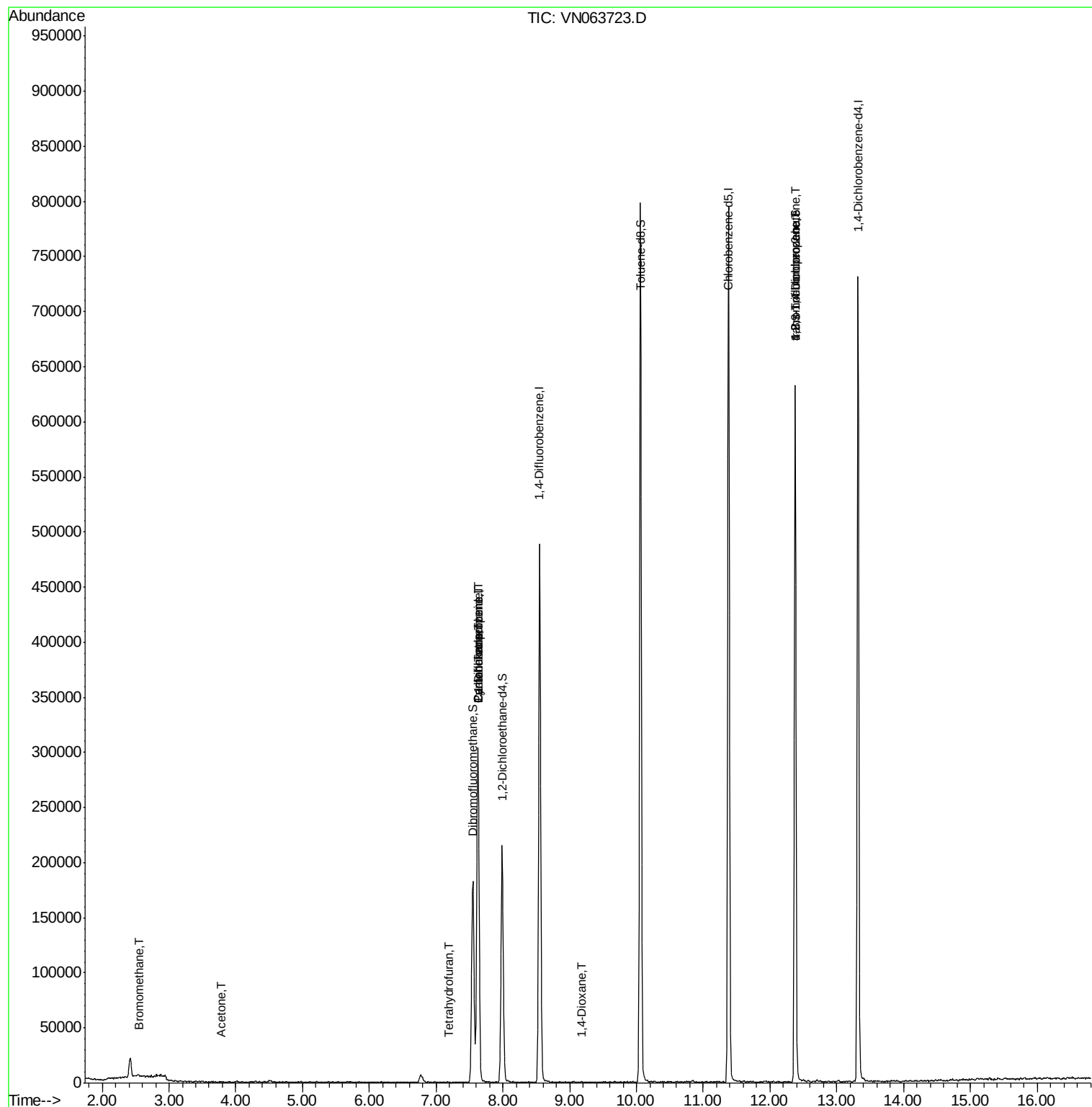
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	595	0.325	ug/l #	63
16) Acetone	3.78	43	777	0.612	ug/l #	47
29) Tetrahydrofuran	7.20	42	270	0.203	ug/l #	36
31) Cyclohexane	7.62	56	6702	1.229	ug/l #	46
36) 1,1-Dichloropropene	7.62	75	21429	4.810	ug/l #	51
38) Carbon Tetrachloride	7.62	117	25832	5.680	ug/l #	16
49) 1,4-Dioxane	9.17	88	34	0.617	ug/l #	20
76) 1,2,3-Trichloropropane	12.38	75	117355	26.294	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	117355	72.089	ug/l #	7

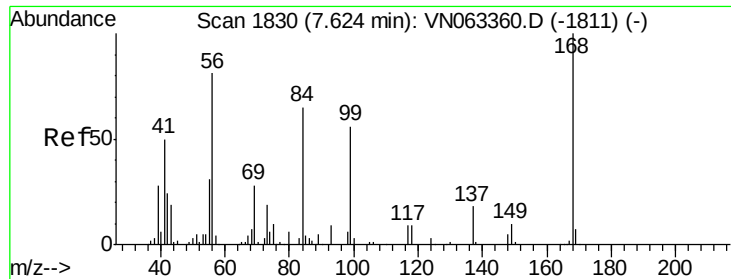
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092920\
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 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: VN063723.D

Acq: 29 Sep 2020 13:23

Instrument :

MSVOA_N

ClientSampled :

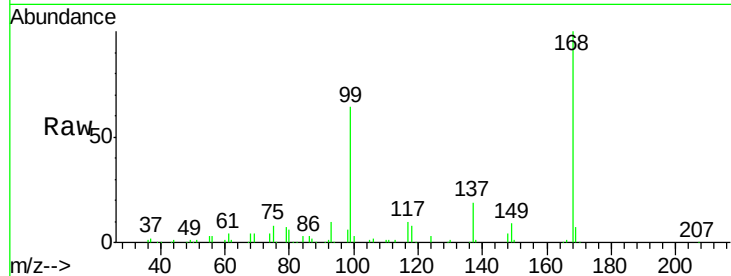
VN0929WBL01

Tgt Ion:168 Resp: 231980

Ion Ratio Lower Upper

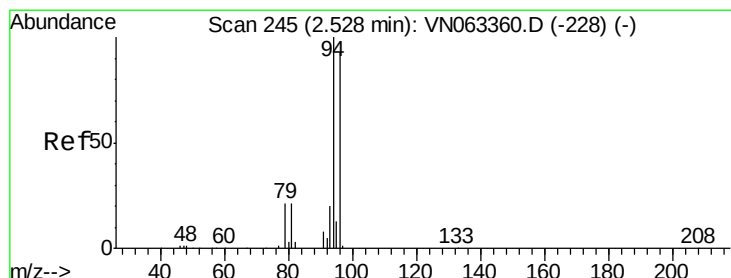
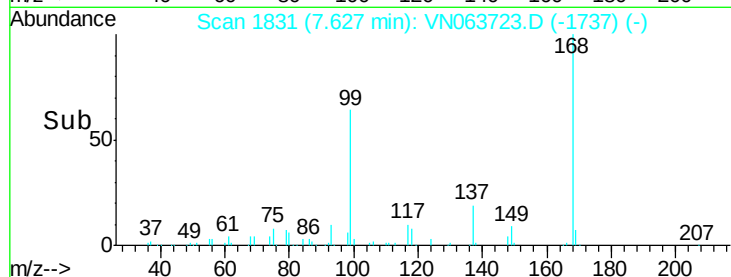
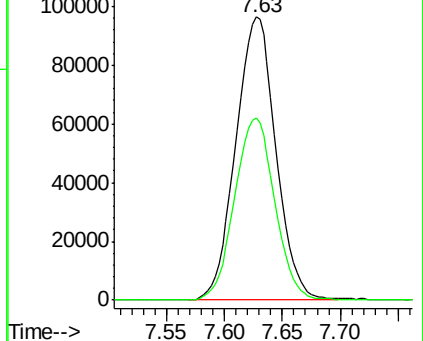
168 100

99 64.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#5

Bromomethane

Concen: 0.325 ug/l

RT: 2.54 min Scan# 250

Delta R.T. 0.02 min

Lab File: VN063723.D

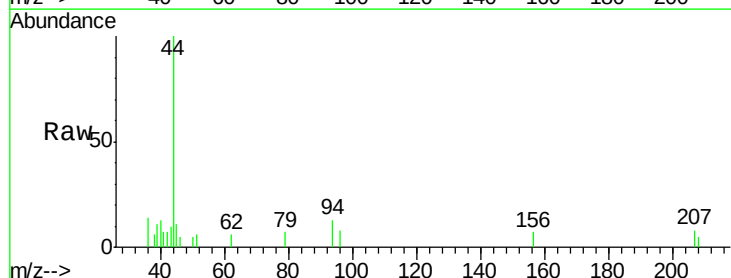
Acq: 29 Sep 2020 13:23

Tgt Ion: 94 Resp: 595

Ion Ratio Lower Upper

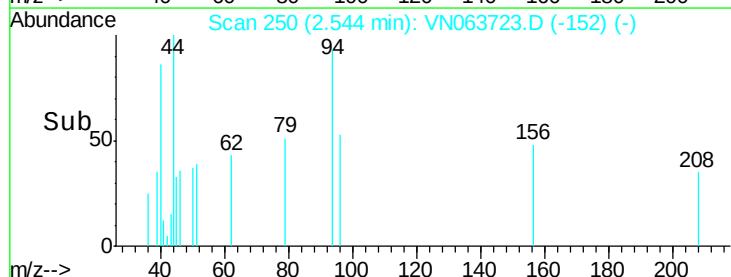
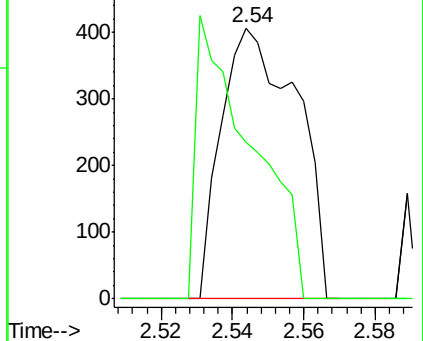
94 100

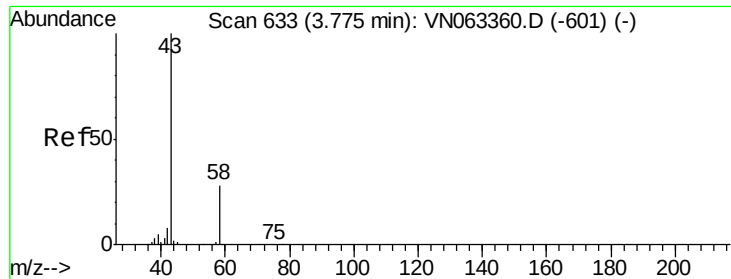
96 57.7 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#16

Acetone

Concen: 0.612 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063723.D

Acq: 29 Sep 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

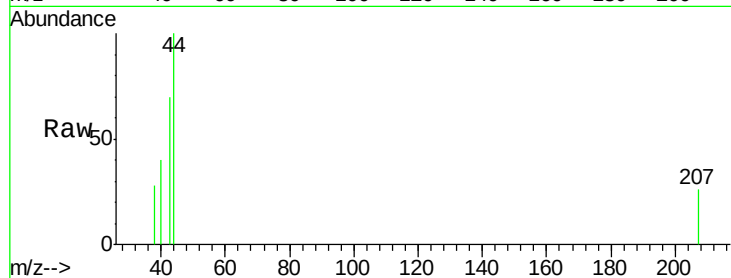
VN0929WBL01

Tgt Ion: 43 Resp: 777

Ion Ratio Lower Upper

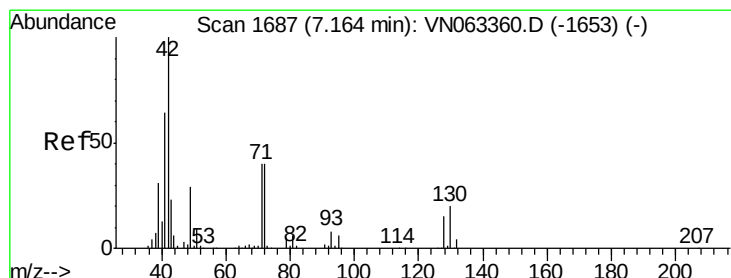
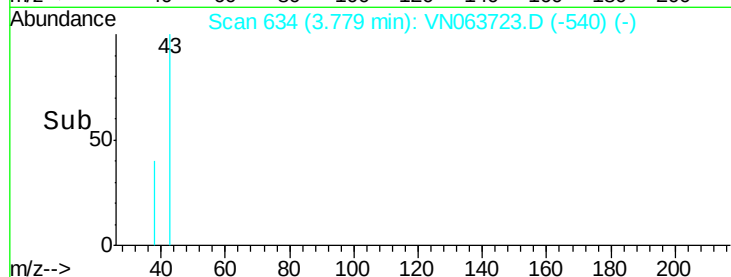
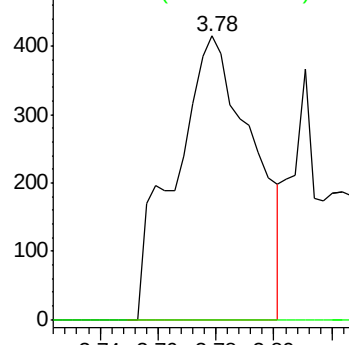
43 100

58 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#29

Tetrahydrofuran

Concen: 0.203 ug/l

RT: 7.20 min Scan# 1698

Delta R.T. 0.04 min

Lab File: VN063723.D

Acq: 29 Sep 2020 13:23

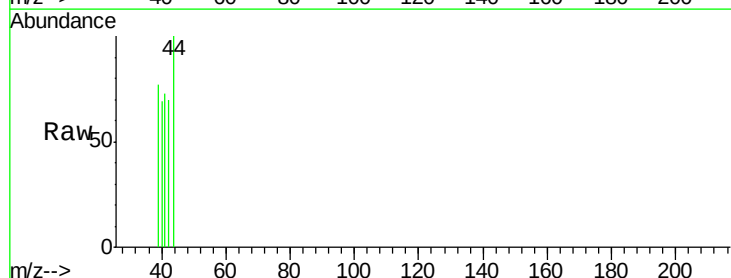
Tgt Ion: 42 Resp: 270

Ion Ratio Lower Upper

42 100

72 0.0 32.1 48.1#

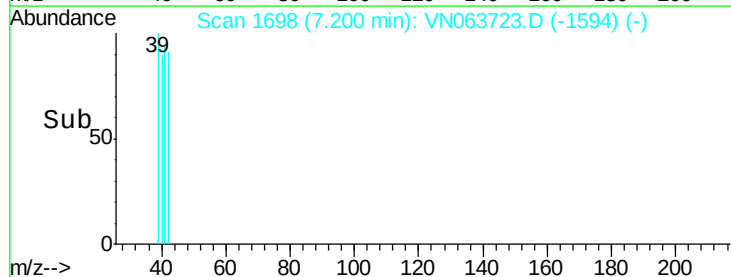
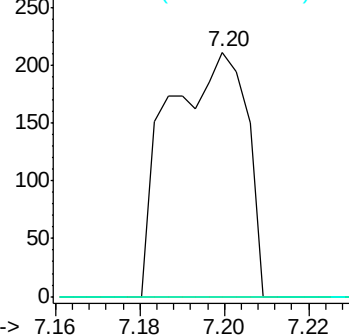
71 0.0 31.2 46.8#

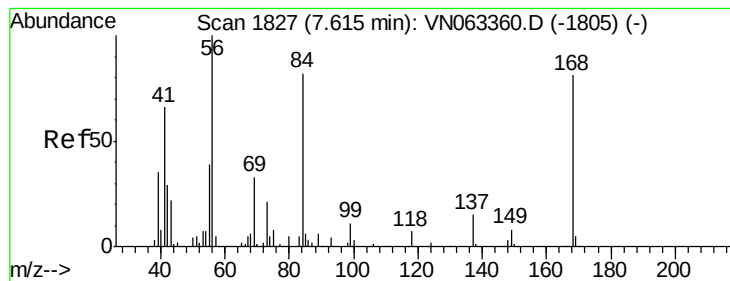


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Cyclohexane

Concen: 1.229 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN063723.D

Acq: 29 Sep 2020 13:23

Instrument :

MSVOA_N

ClientSampled :

VN0929WBL01

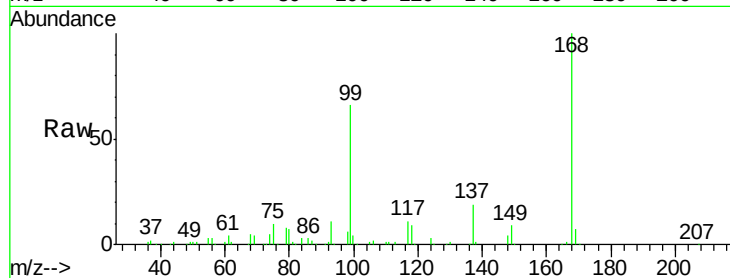
Tgt Ion: 56 Resp: 6702

Ion Ratio Lower Upper

56 100

69 138.0 26.1 39.1#

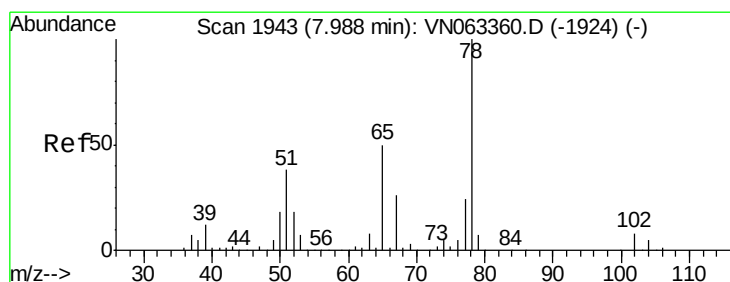
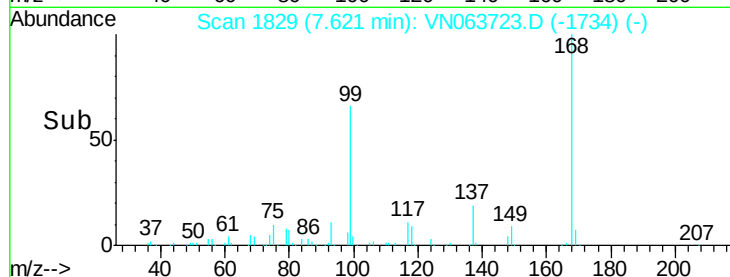
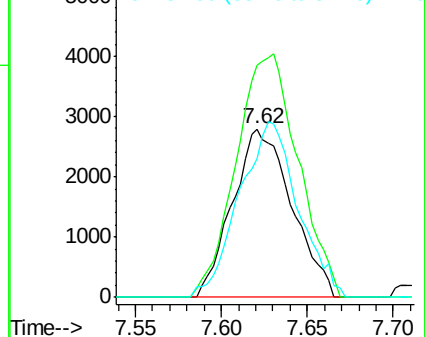
84 82.6 65.4 98.2



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: 47.561 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063723.D

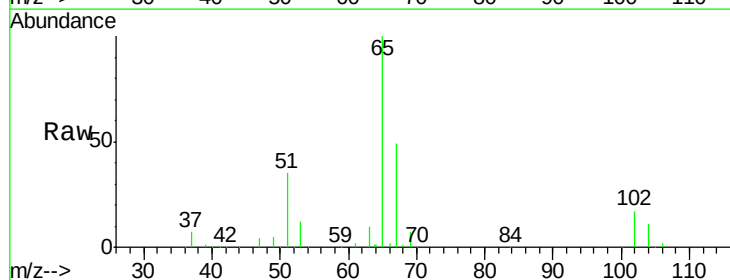
Acq: 29 Sep 2020 13:23

Tgt Ion: 65 Resp: 187814

Ion Ratio Lower Upper

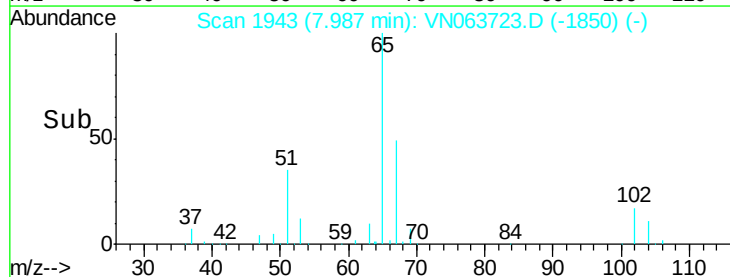
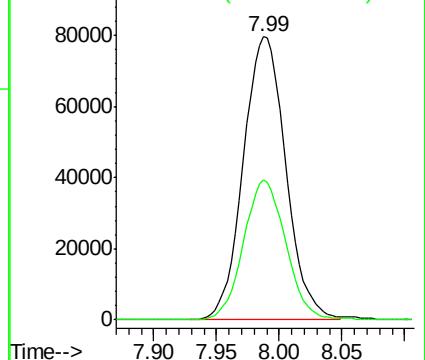
65 100

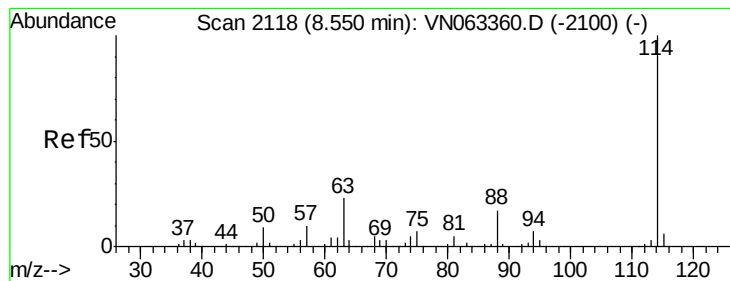
67 49.1 0.0 104.2



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: VN063723.D

Acq: 29 Sep 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBL01

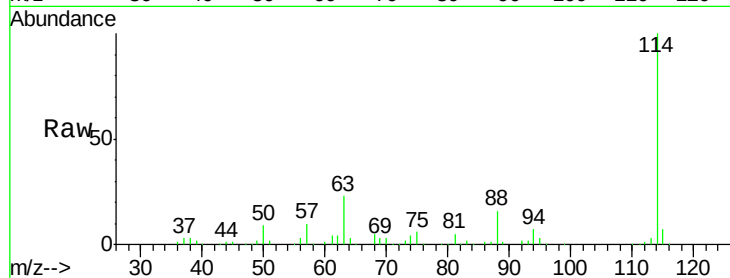
Tgt Ion:114 Resp: 418176

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.4

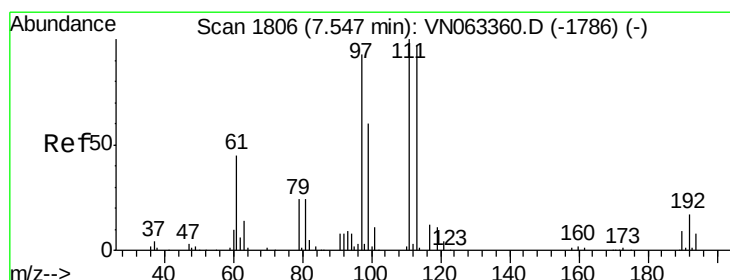
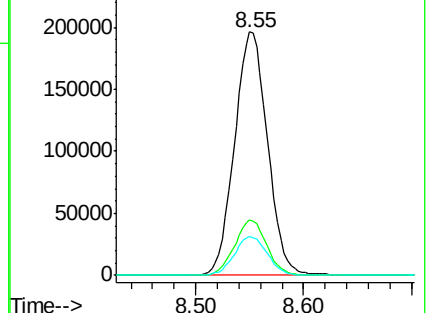
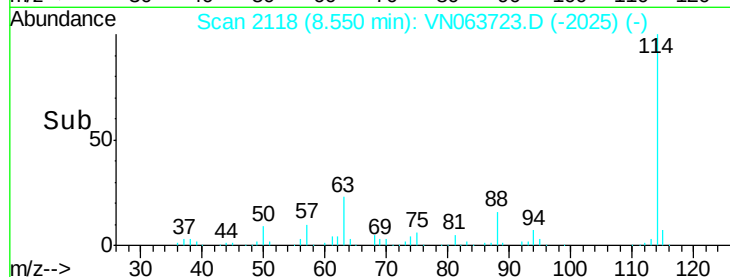
88 15.7 0.0 33.2



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: 47.917 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063723.D

Acq: 29 Sep 2020 13:23

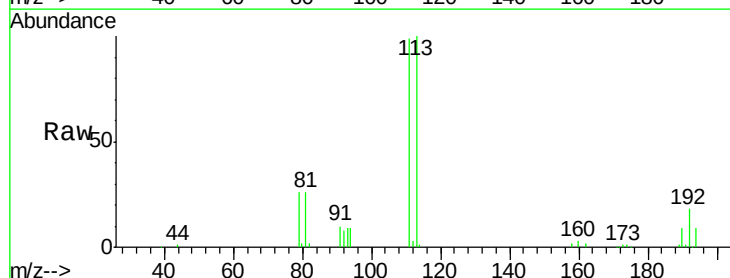
Tgt Ion:113 Resp: 138718

Ion Ratio Lower Upper

113 100

111 100.9 82.9 124.3

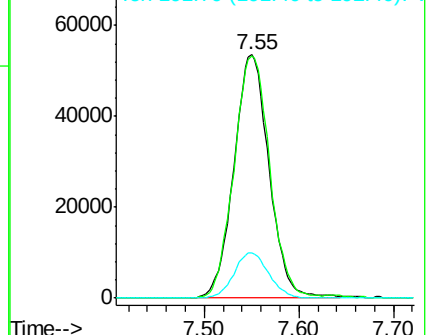
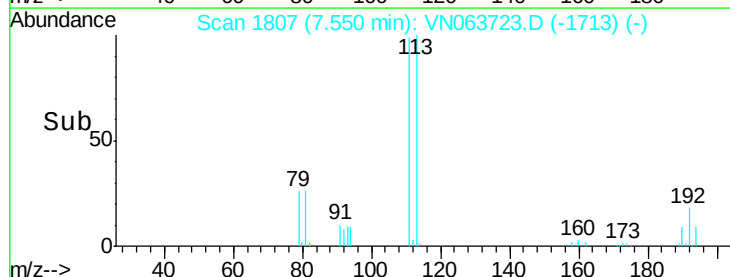
192 18.4 13.9 20.9

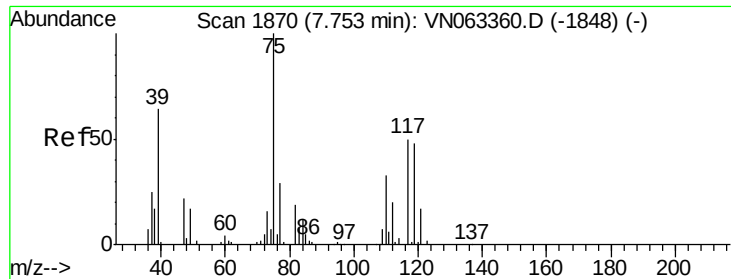


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

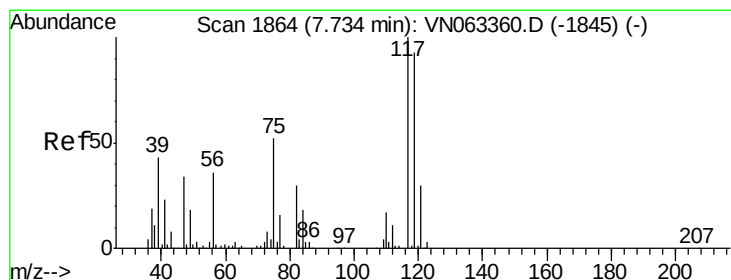
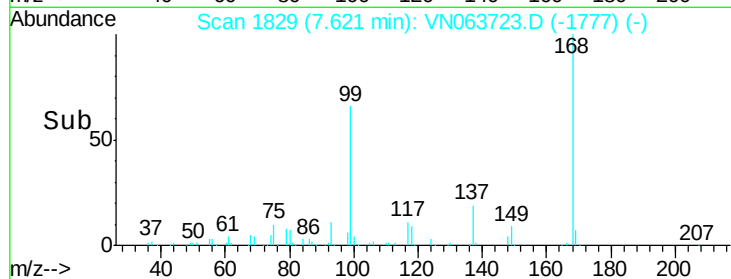
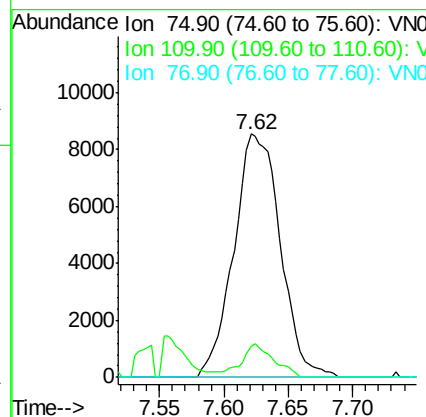
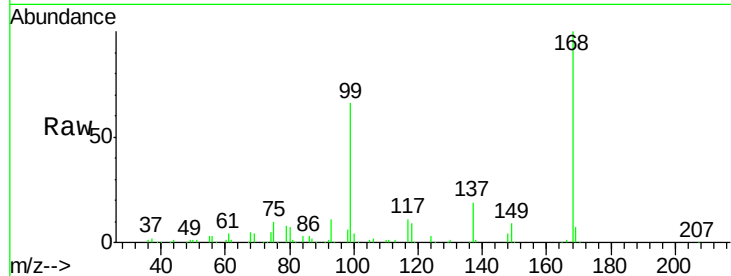




#36
 1,1-Dichloropropene
 Concen: 4.810 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN063723.D
 Acq: 29 Sep 2020 13:23

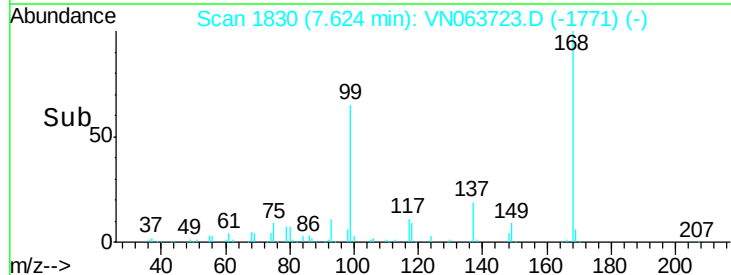
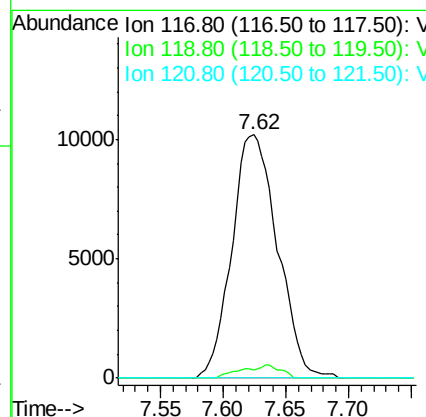
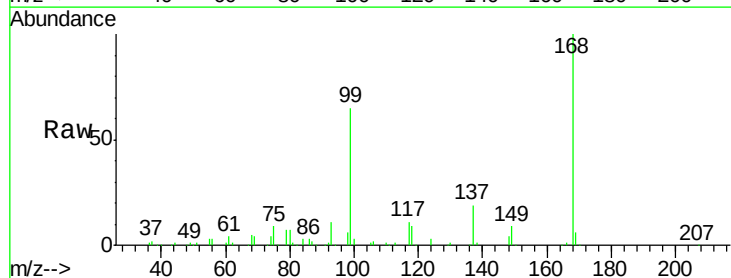
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBL01

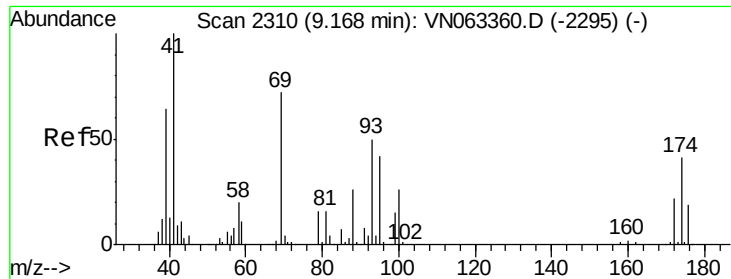
Tgt Ion: 75 Resp: 21429
 Ion Ratio Lower Upper
 75 100
 110 9.5 16.5 49.5#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.680 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN063723.D
 Acq: 29 Sep 2020 13:23

Tgt Ion: 117 Resp: 25832
 Ion Ratio Lower Upper
 117 100
 119 3.4 74.5 111.7#
 121 0.0 24.1 36.1#

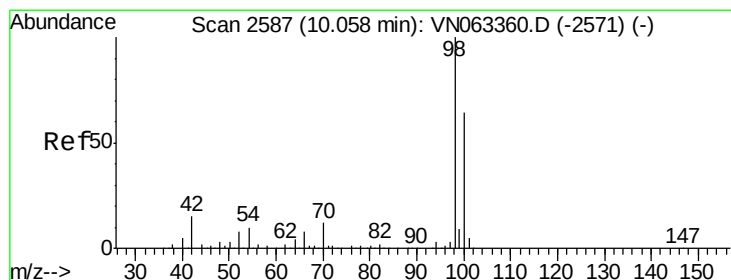
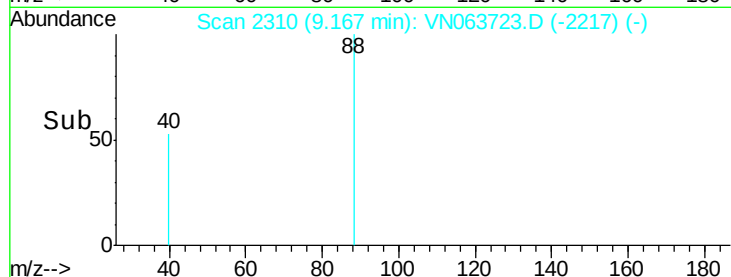
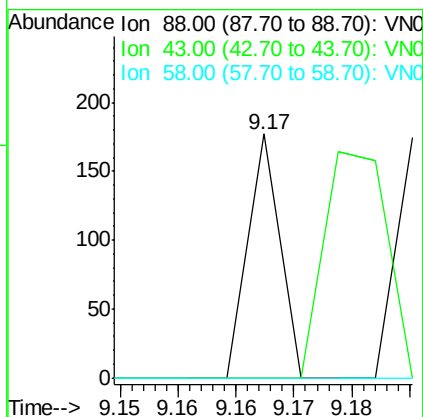
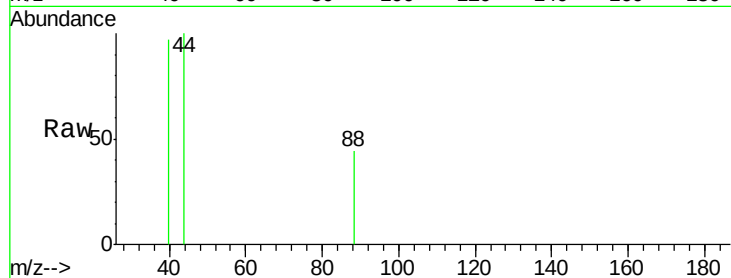




#49
1,4-Dioxane
Concen: 0.617 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063723.D
Acq: 29 Sep 2020 13:23

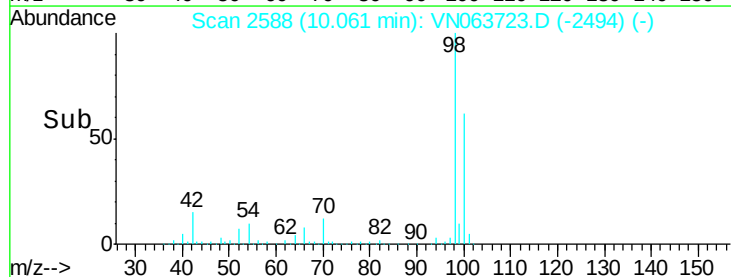
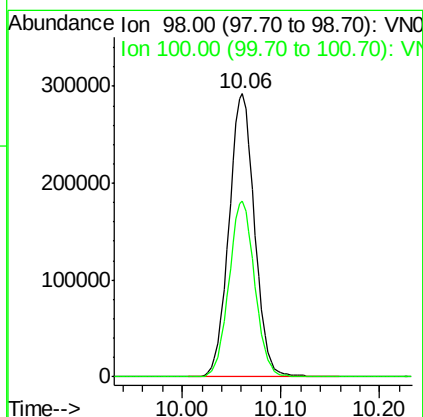
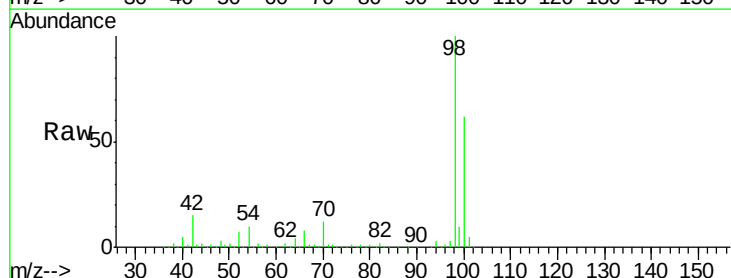
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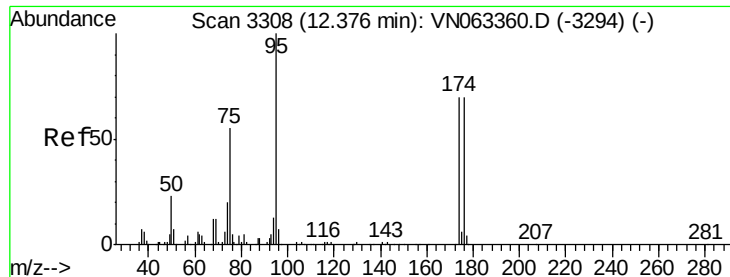
Tgt Ion: 88 Resp: 34
Ion Ratio Lower Upper
88 100
43 0.0 32.6 49.0#
58 0.0 60.0 90.0#



#50
Toluene-d8
Concen: 48.797 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063723.D
Acq: 29 Sep 2020 13:23

Tgt Ion: 98 Resp: 531182
Ion Ratio Lower Upper
98 100
100 62.5 50.7 76.1

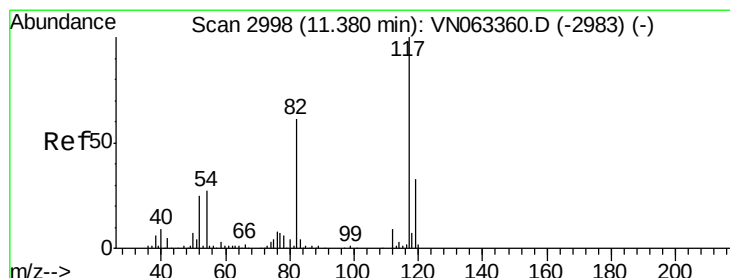
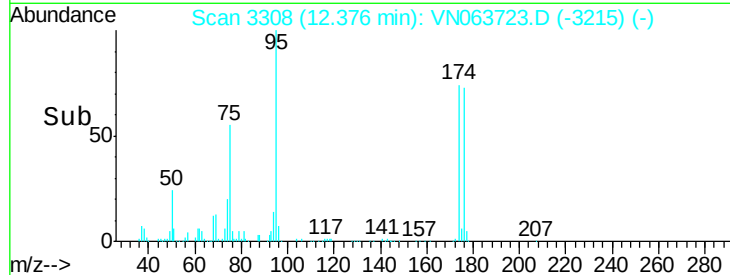
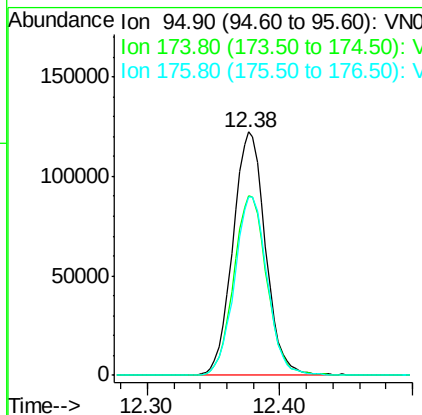
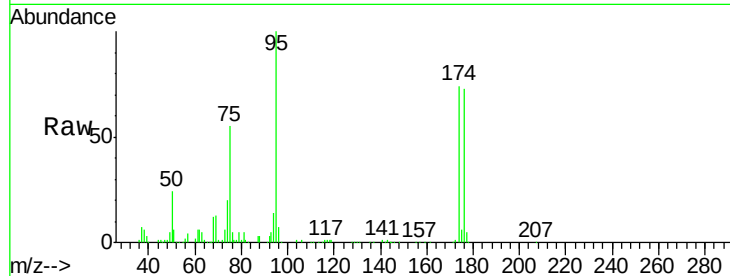




#62
 4-Bromofluorobenzene
 Concen: 52.363 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063723.D
 Acq: 29 Sep 2020 13:23

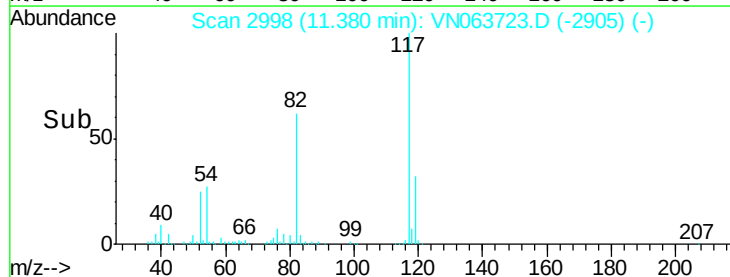
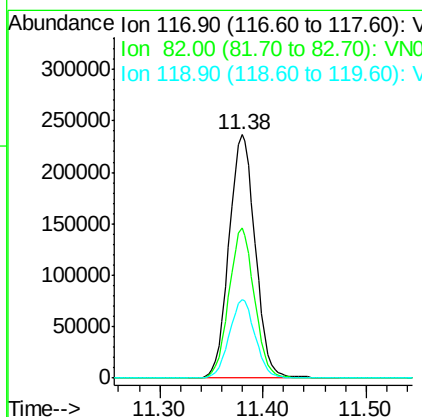
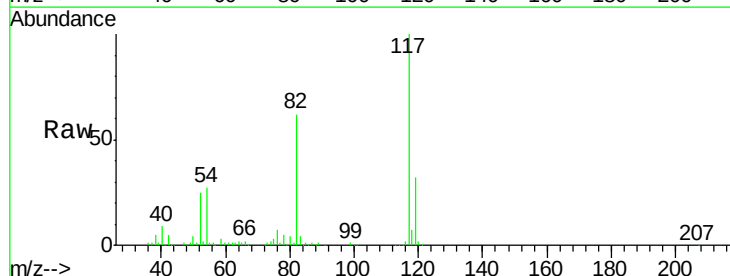
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBL01

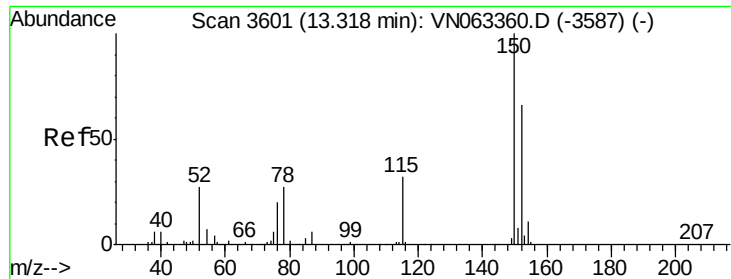
Tgt Ion: 95 Resp: 208951
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 140.8
 176 73.7 0.0 137.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: VN063723.D
 Acq: 29 Sep 2020 13:23

Tgt Ion: 117 Resp: 419414
 Ion Ratio Lower Upper
 117 100
 82 61.8 49.2 73.8
 119 32.3 26.2 39.4

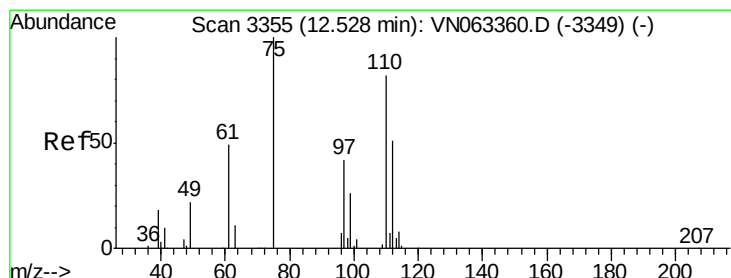
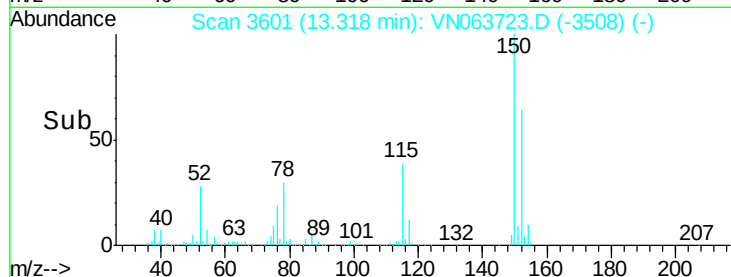
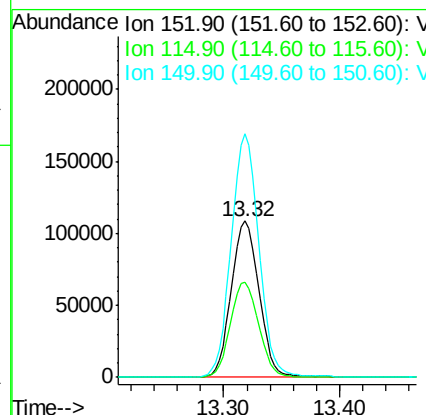
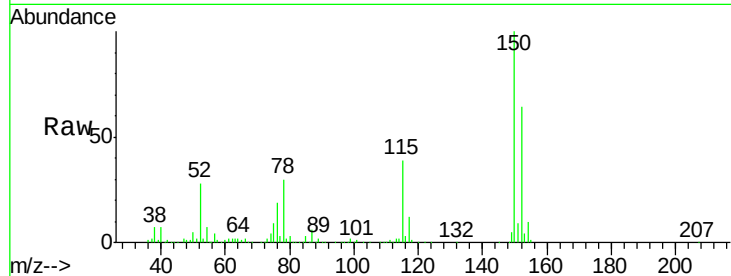




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VN063723.D
 Acq: 29 Sep 2020 13:23

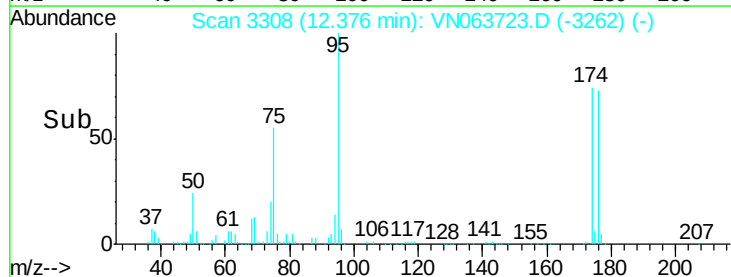
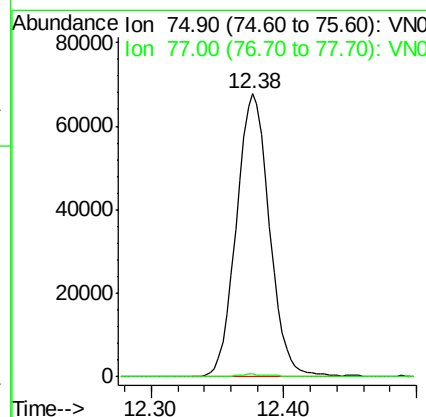
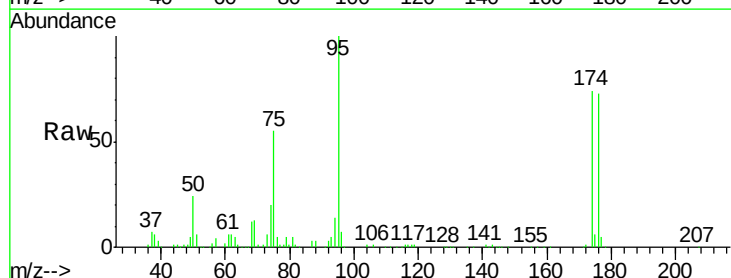
Instrument :
 MSVOA_N
 ClientSampled :
 VN0929WBL01

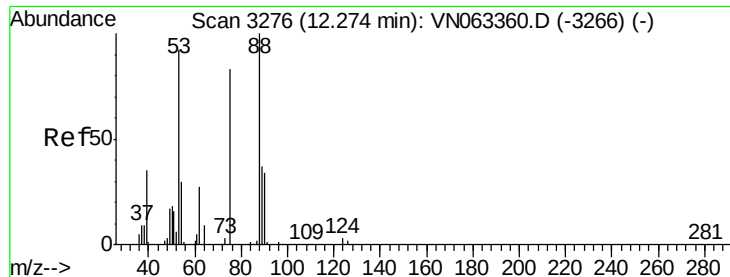
Tgt Ion:152 Resp: 180318
 Ion Ratio Lower Upper
 152 100
 115 62.5 32.2 96.6
 150 154.1 0.0 343.4



#76
 1,2,3-Trichloropropane
 Concen: 26.294 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.15 min
 Lab File: VN063723.D
 Acq: 29 Sep 2020 13:23

Tgt Ion: 75 Resp: 117355
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 72.089 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063723.D

Acq: 29 Sep 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBL01

Tgt Ion: 75 Resp: 117355

Ion Ratio Lower Upper

75 100

53 0.1 85.7 128.5#

89 0.0 38.0 57.0#

