

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063808.D
 Acq On : 2 Oct 2020 6:56
 Operator : JC/MD
 Sample : L4236-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-1

Manual Integrations
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MMDadoda
 10/2/2020 3:12:25 PM

Quant Time: Oct 02 14:48:15 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	205143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	386597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	388318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	182347	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
35) Dibromofluoromethane	7.55	113	131191	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	10.06	98	488045	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.38	95	188896	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
Target Compounds						
4) Vinyl Chloride	2.16	62	18767	7.361	ug/l	99
12) 1,1-Dichloroethene	3.70	96	124240	60.142	ug/l	96
16) Acetone	3.79	43	3988m	3.823	ug/l	
24) 1,1-Dichloroethane	5.80	63	80458	17.821	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	28404	10.674	ug/l	89
39) Methylcyclohexane	9.05	83	1113m	0.285	ug/l	
40) Benzene	8.00	78	6285	0.562	ug/l	91
42) 1,2-Dichloroethane	8.08	62	14648	3.067	ug/l	100
44) Trichloroethene	8.80	130	2304	0.786	ug/l	68
49) 1,4-Dioxane	9.16	88	25684	569.894	ug/l	93

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

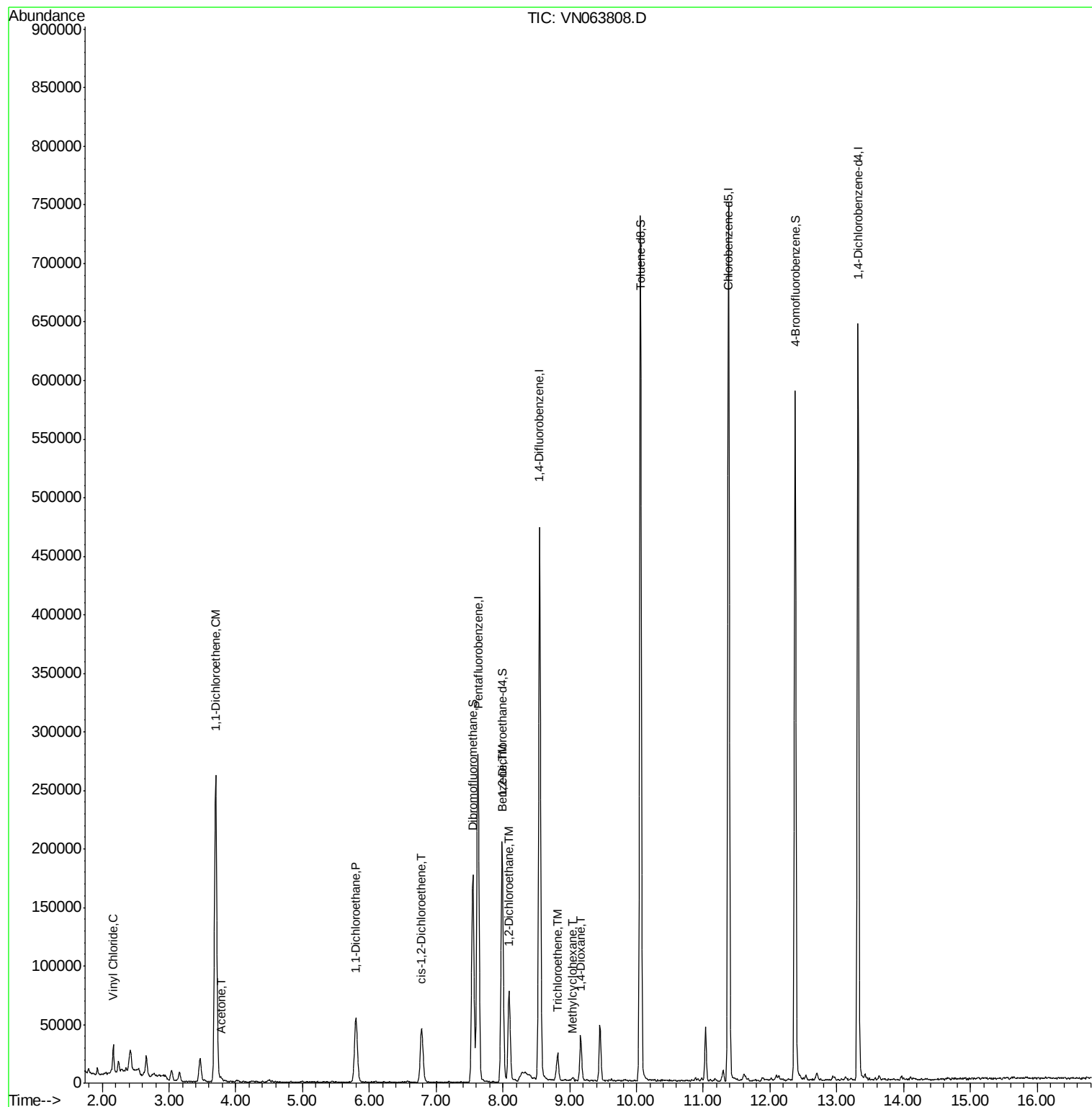
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100120\
Data File : VN063808.D
Acq On : 2 Oct 2020 6:56
Operator : JC/MD
Sample : L4236-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 51 Sample Multiplier: 1

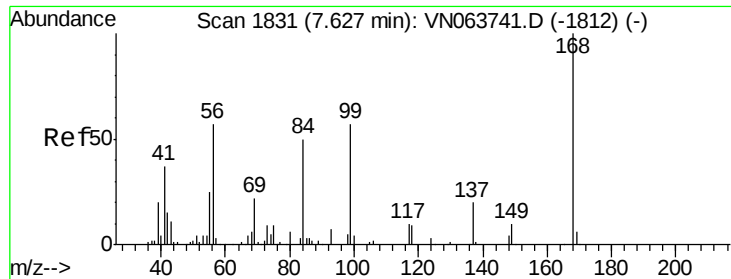
Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Manual Integrations
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Quant Time: Oct 02 14:48:15 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: VN063808.D

Acq: 2 Oct 2020 6:56

Instrument :

MSVOA_N

ClientSampleId :

DUP-1

Tot Ion:168 Resp: 205143

Ion Ratio Lower Upper

168 100

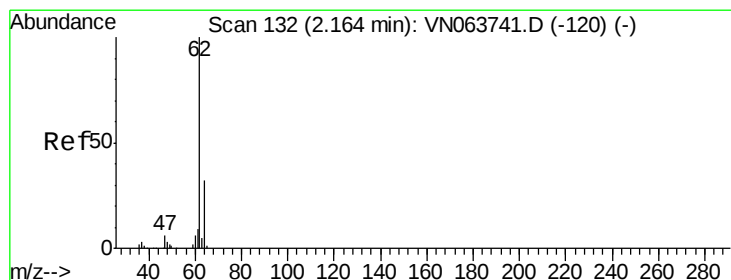
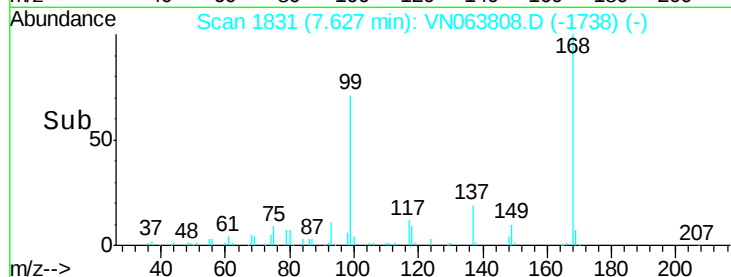
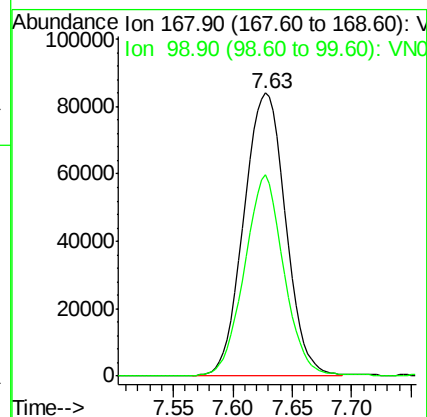
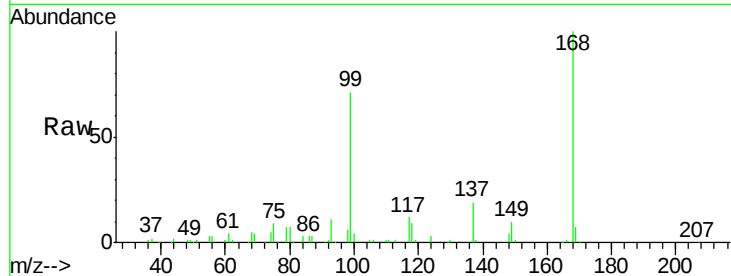
99 70.8 51.8 77.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 7.361 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063808.D

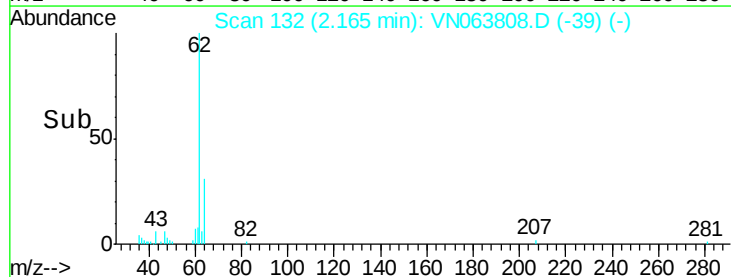
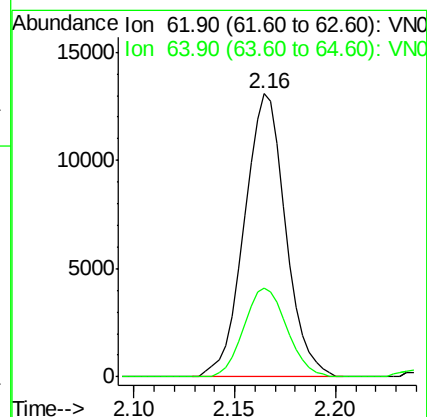
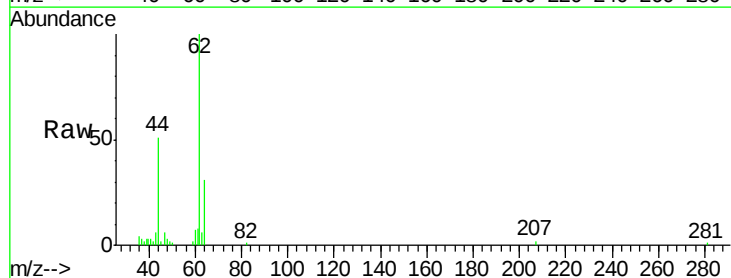
Acq: 2 Oct 2020 6:56

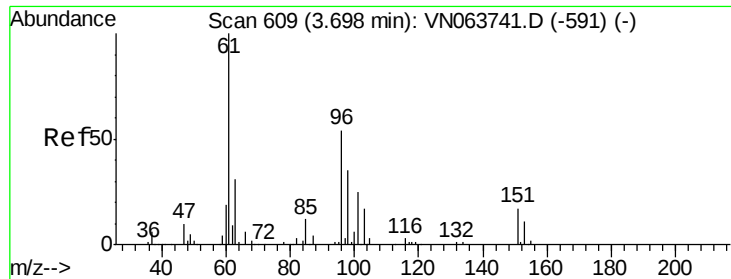
Tgt Ion: 62 Resp: 18767

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#12

1,1-Dichloroethene

Concen: 60.142 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN063808.D

Acq: 2 Oct 2020 6:56

Instrument :

MSVOA_N

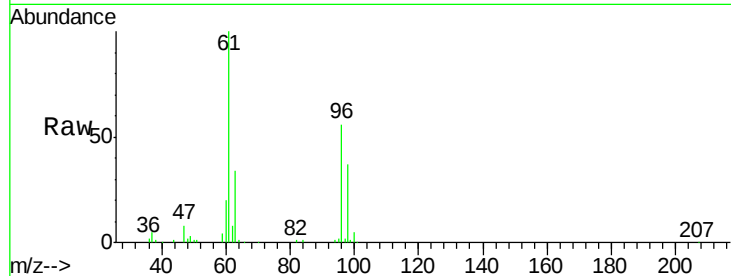
ClientSampled :

DUP-1

Tot Ion:	96	Resp:	124240
Ion	Ratio	Lower	Upper
96	100		
61	177.2	147.7	221.5
98	65.7	51.9	77.9

Manual Integrations
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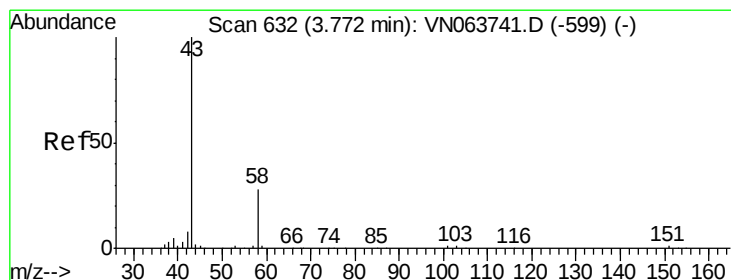
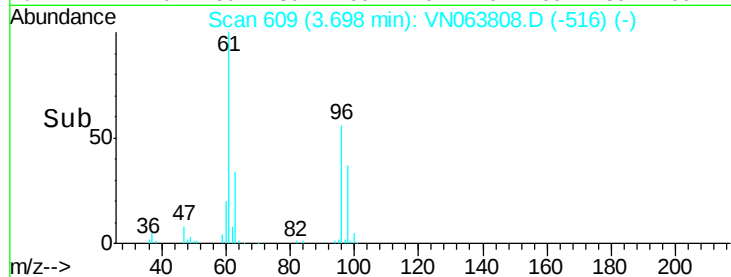
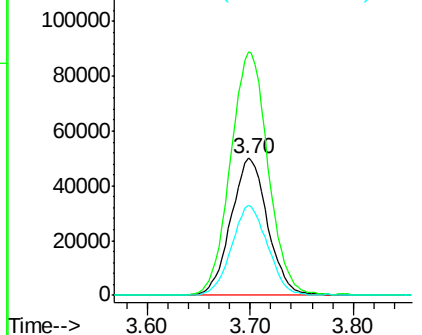
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Abundance Ion 95.90 (95.60 to 96.60): VN063808.D (-516) (-)

Ion 60.90 (60.60 to 61.60): VN063808.D (-516) (-)

Ion 97.90 (97.60 to 98.60): VN063808.D (-516) (-)



#16

Acetone

Concen: 3.823 ug/l m

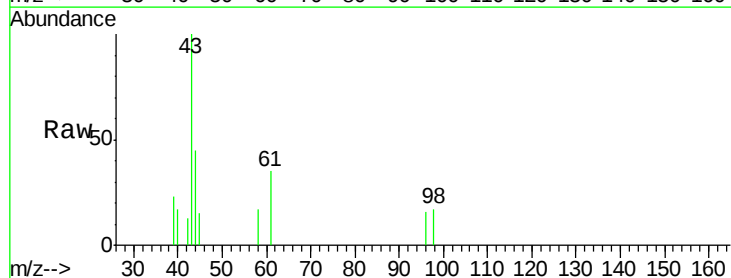
RT: 3.79 min Scan# 637

Delta R.T. 0.02 min

Lab File: VN063808.D

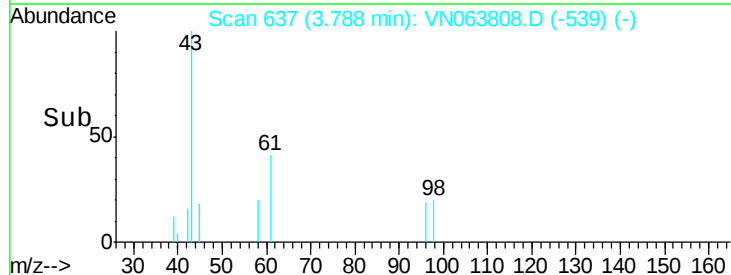
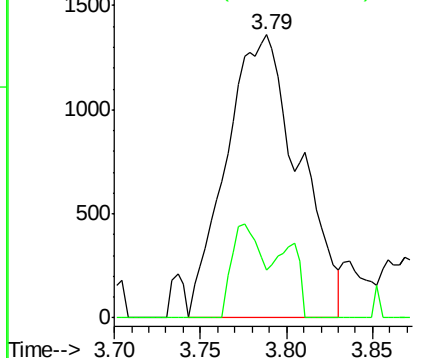
Acq: 2 Oct 2020 6:56

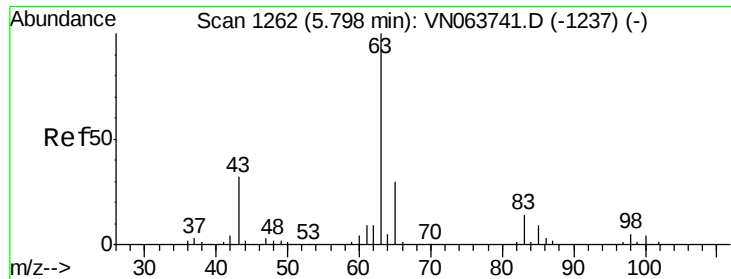
Tgt Ion:	43	Resp:	3988
Ion	Ratio	Lower	Upper
43	100		
58	17.0	22.3	33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN063808.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063808.D (-539) (-)





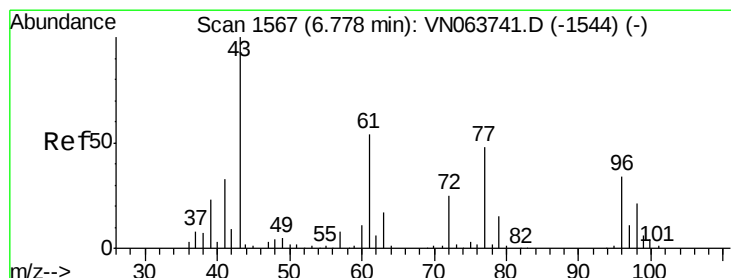
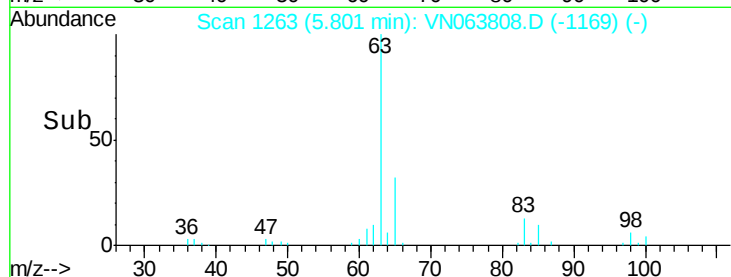
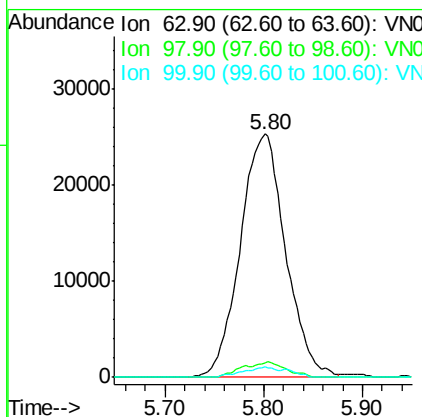
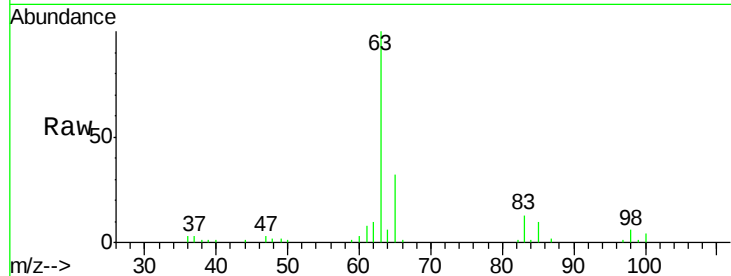
#24
 1,1-Dichloroethane
 Concen: 17.821 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063808.D
 Acq: 2 Oct 2020 6:56

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-1

Tot Ion:	63	Resp:	80458
Ion Ratio	Lower	Upper	
63	100		
98	6.2	2.7	8.1
100	4.1	1.9	5.7

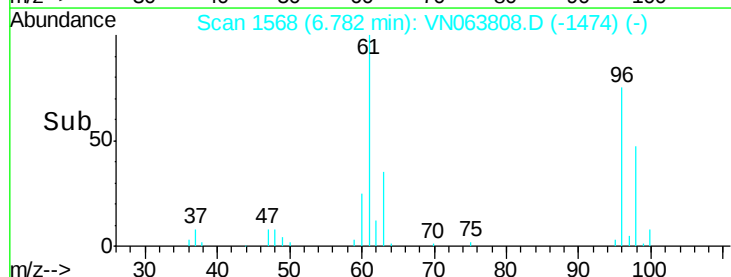
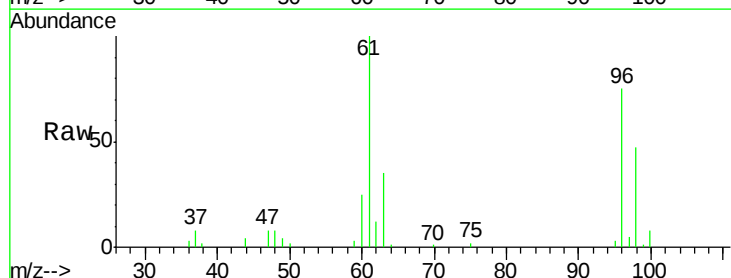
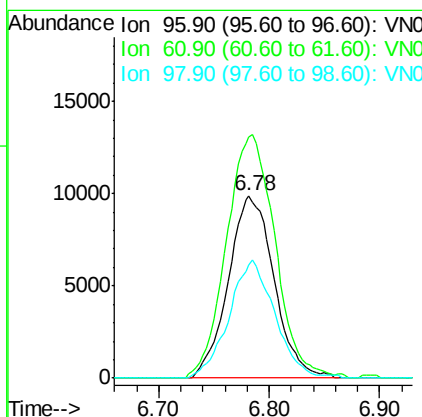
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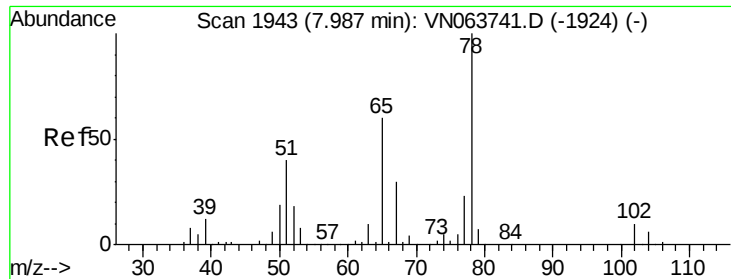
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#27
 cis-1,2-Dichloroethene
 Concen: 10.674 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063808.D
 Acq: 2 Oct 2020 6:56

Tgt Ion:	96	Resp:	28404
Ion Ratio	Lower	Upper	
96	100		
61	141.6	0.0	321.2
98	64.5	0.0	124.4





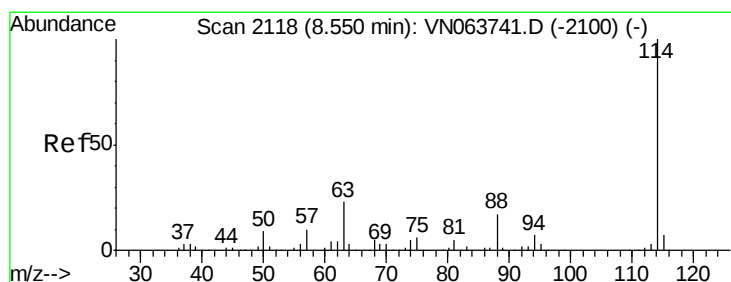
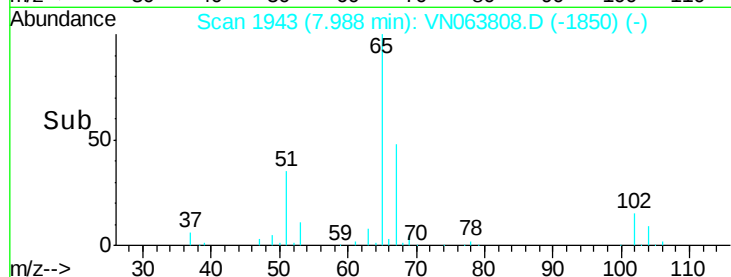
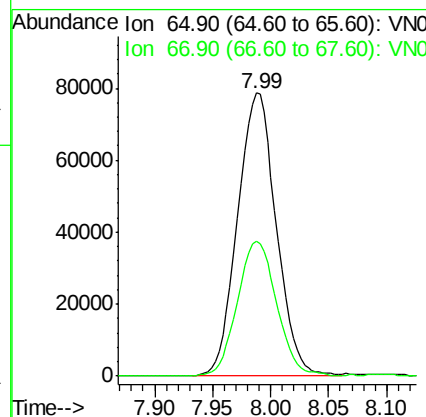
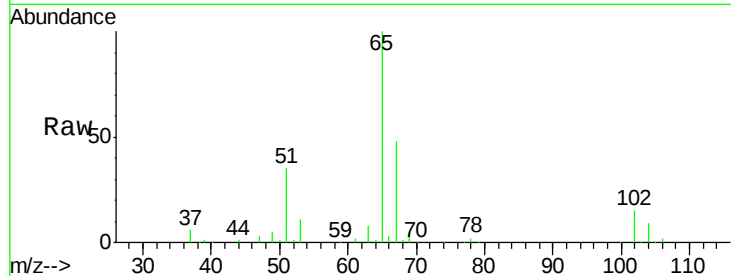
#33
 1,2-Dichloroethane-d4
 Concen: 53.804 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063808.D
 Acq: 2 Oct 2020 6:56

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-1

Tot Ion	Ratio	Resp	Lower	Upper
65	100	182347		
67	48.7	0.0	99.6	

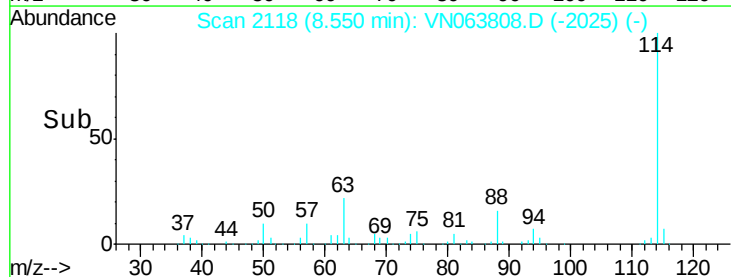
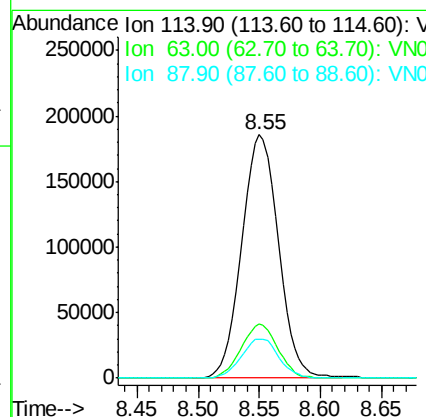
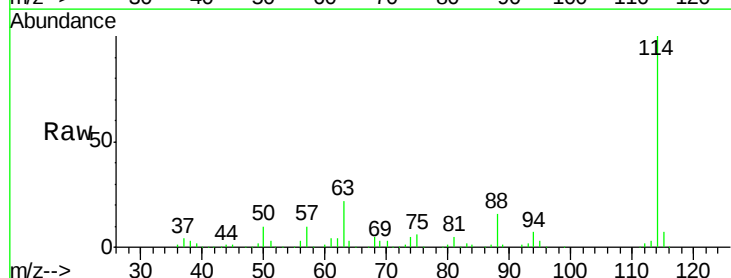
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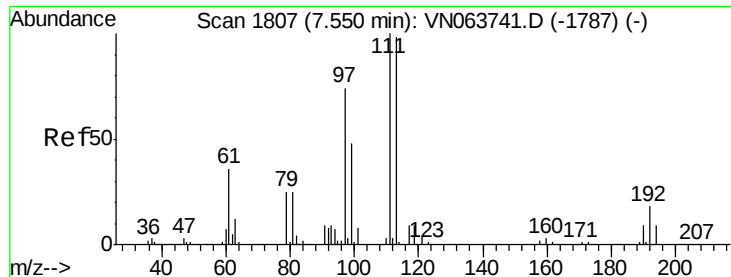
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063808.D
 Acq: 2 Oct 2020 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	386597		
63	22.2	0.0	45.0	
88	16.2	0.0	34.0	





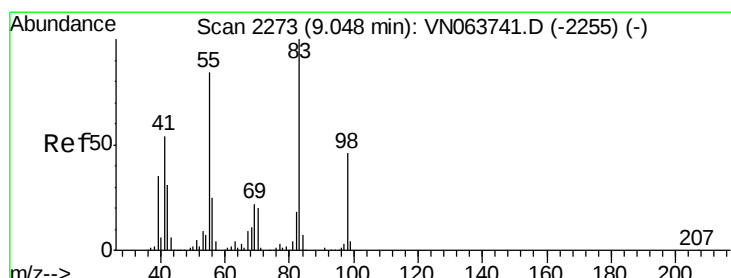
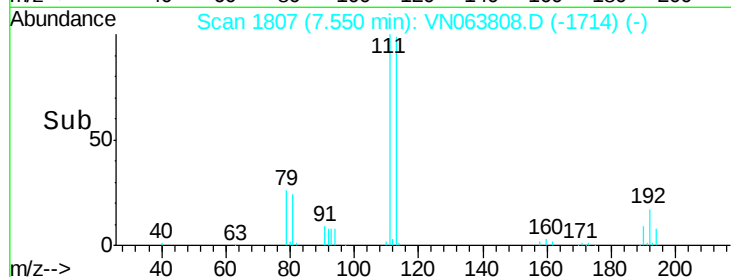
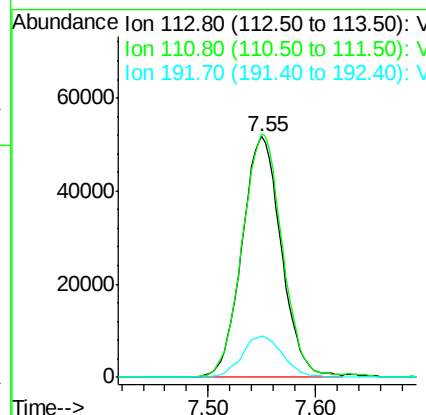
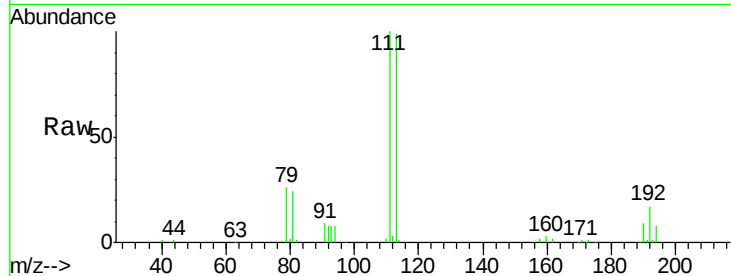
#35
Dibromofluoromethane
Concen: 48.906 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tot Ion	Ratio	Resp	Lower	Upper
113	100	131191		
111	102.6	81.8	122.8	
192	17.8	14.2	21.2	

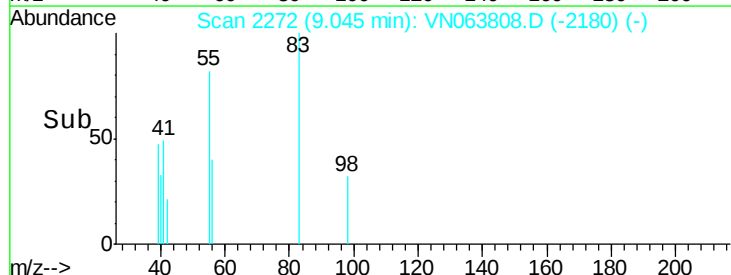
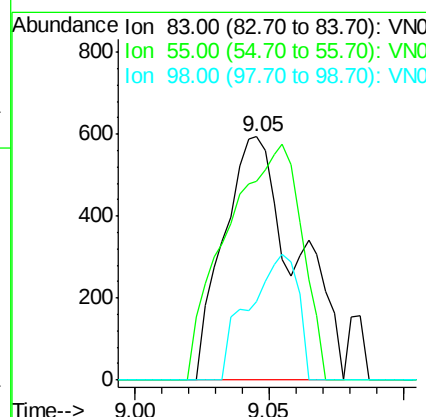
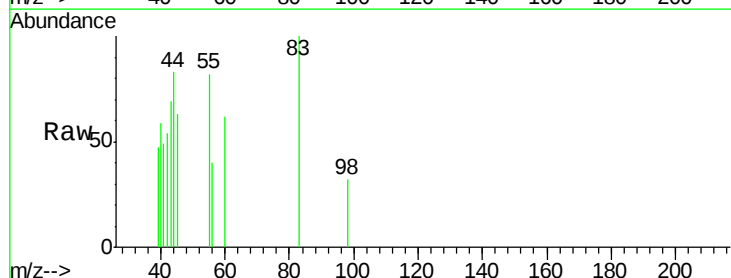
Manual Integrations
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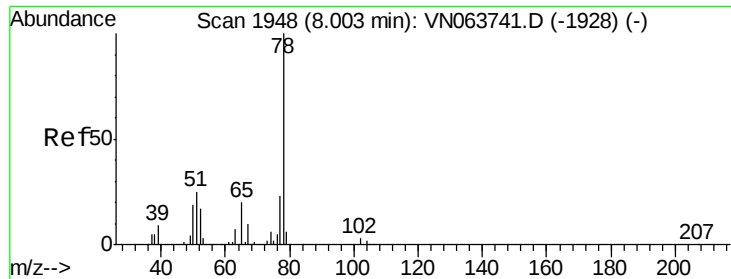
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#39
Methylcyclohexane
Concen: 0.285 ug/l m
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	1113		
55	81.8	67.1	100.7	
98	32.2	36.6	54.8#	





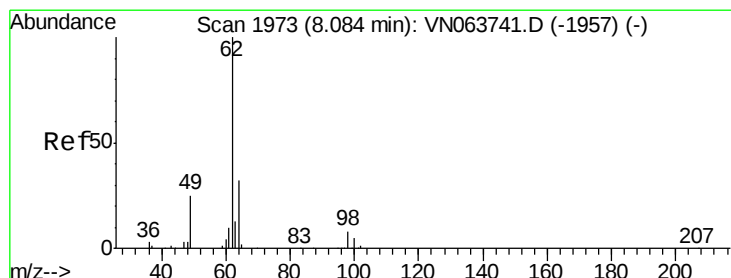
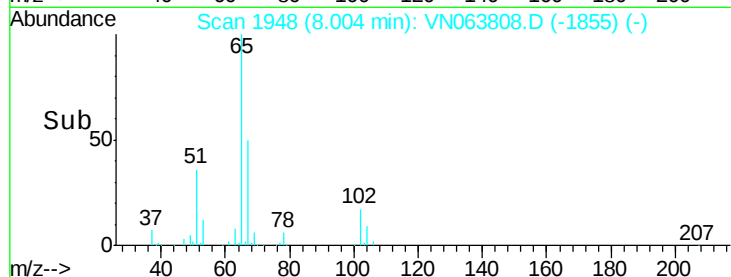
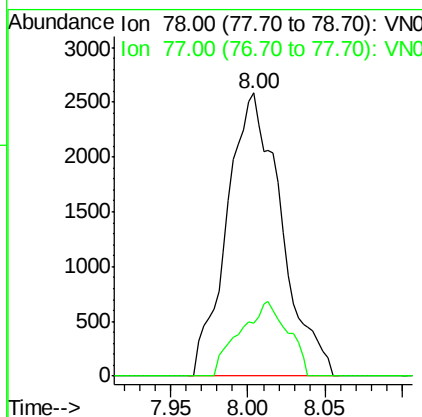
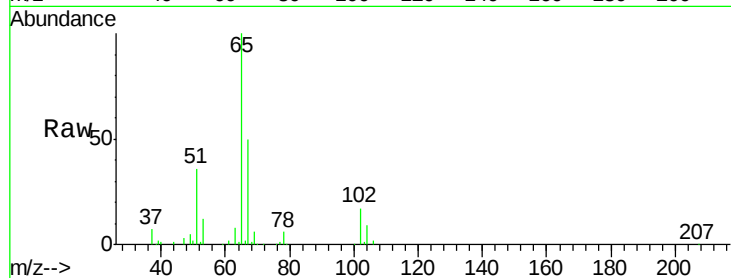
#40
Benzene
Concen: 0.562 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tot Ion: 78 Resp: 6285
Ion Ratio Lower Upper
78 100
77 18.9 18.7 28.1

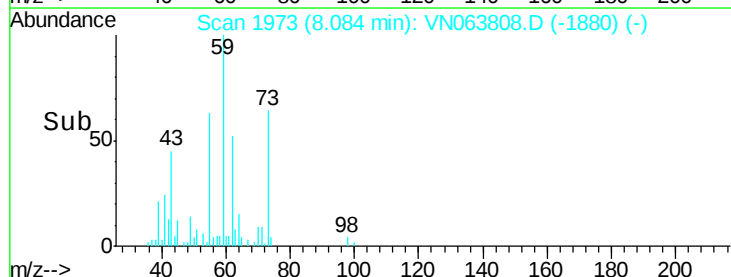
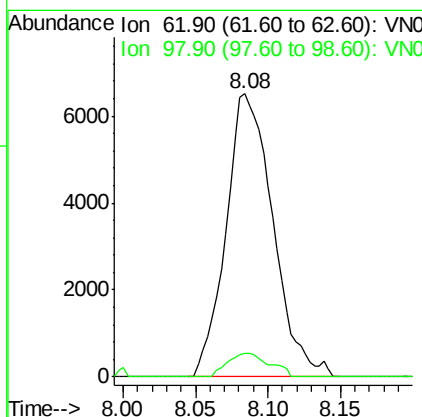
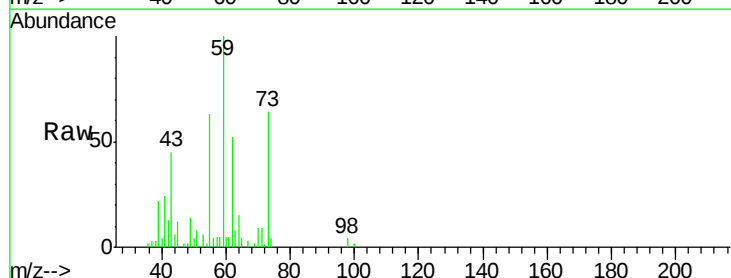
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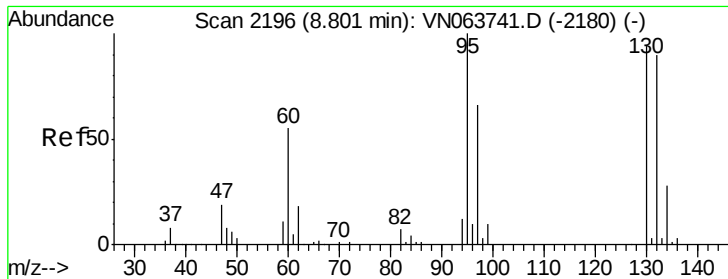
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#42
1,2-Dichloroethane
Concen: 3.067 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion: 62 Resp: 14648
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.0





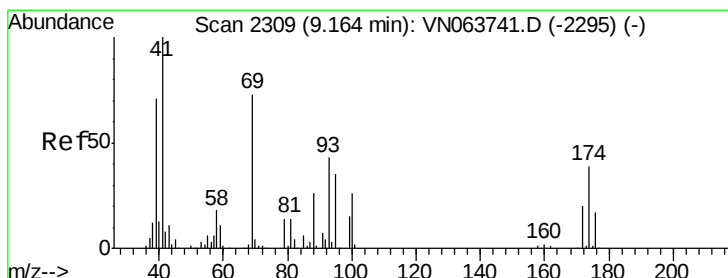
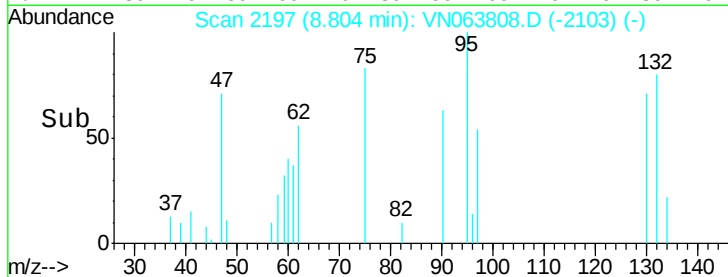
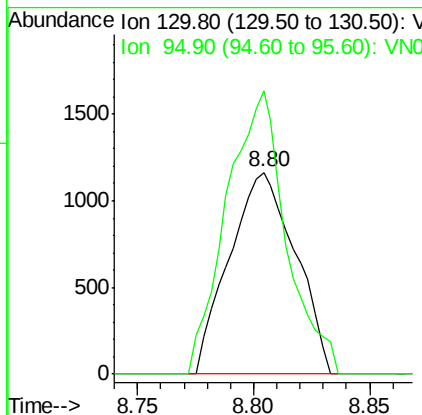
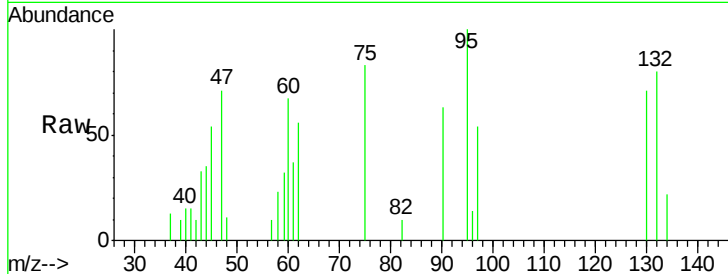
#44
 Trichloroethene
 Concen: 0.786 ug/l
 RT: 8.80 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN063808.D
 Acq: 2 Oct 2020 6:56

Instrument :
 MSVOA_N
 ClientSampled :
 DUP-1

Tot Ion:130 Resp: 2304
 Ion Ratio Lower Upper
 130 100
 95 140.4 0.0 213.6

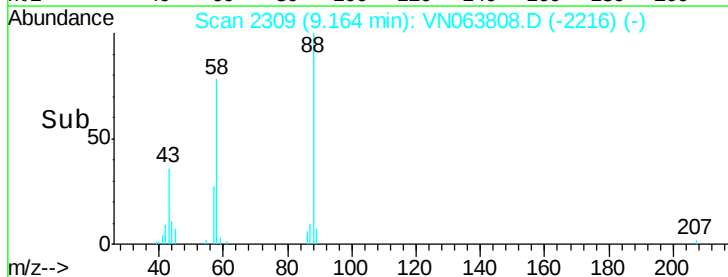
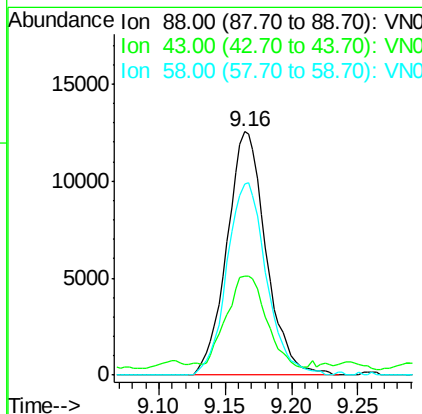
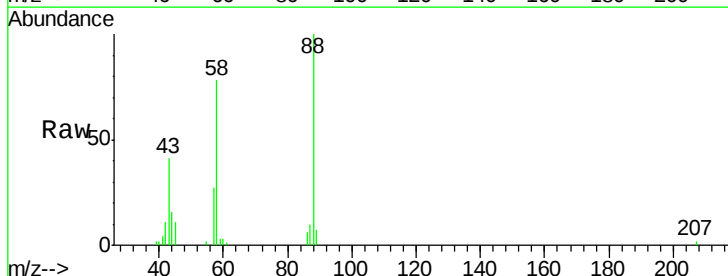
Manual Integrations
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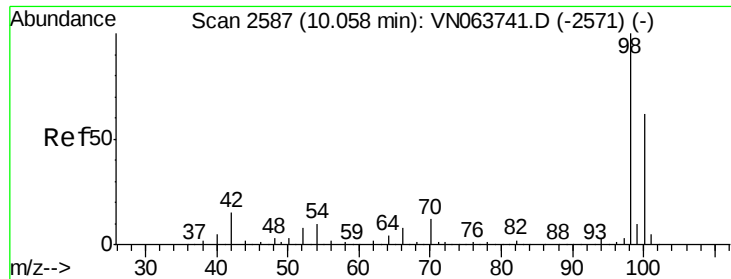
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#49
 1,4-Dioxane
 Concen: 569.894 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN063808.D
 Acq: 2 Oct 2020 6:56

Tgt Ion: 88 Resp: 25684
 Ion Ratio Lower Upper
 88 100
 43 38.0 33.1 49.7
 58 79.7 58.9 88.3





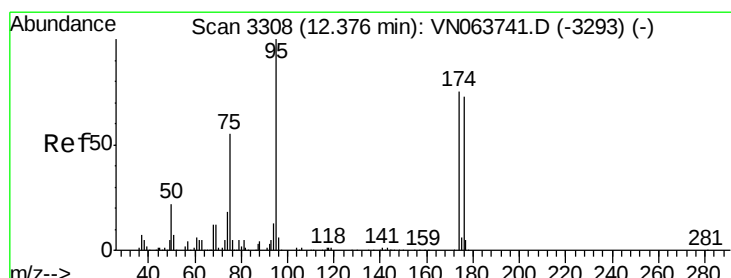
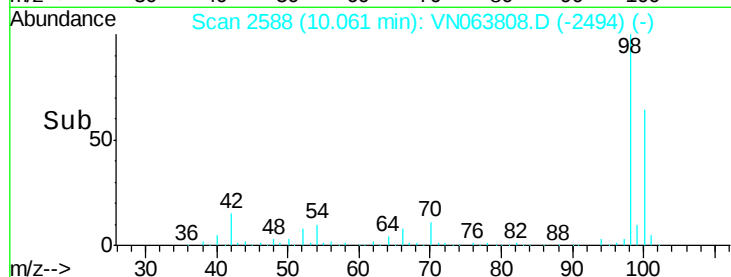
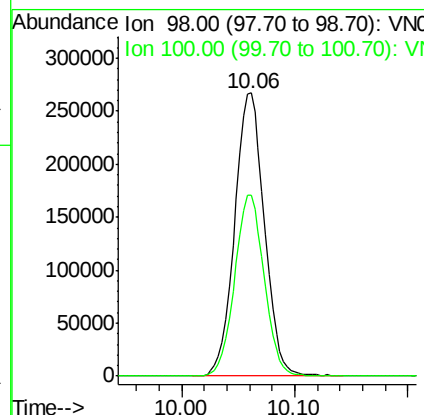
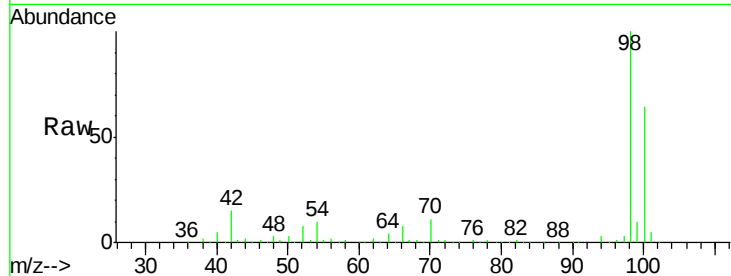
#50
Toluene-d8
Concen: 47.993 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tot Ion: 98 Resp: 488045
Ion Ratio Lower Upper
98 100
100 63.5 49.8 74.6

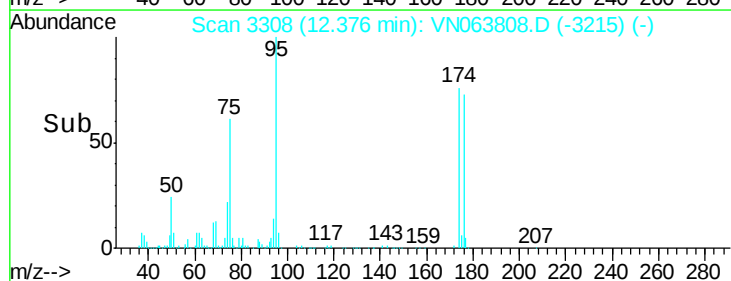
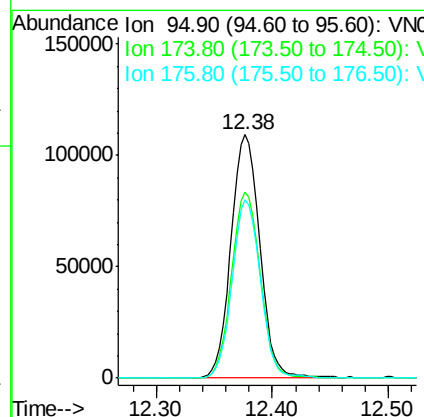
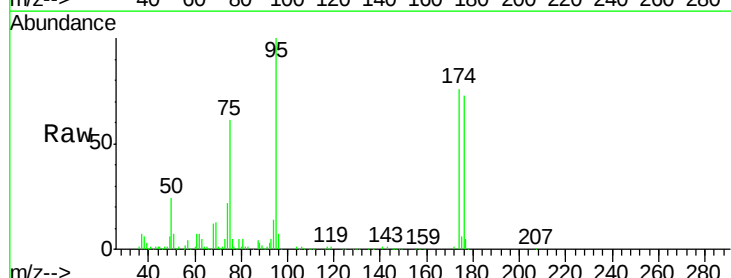
Manual Integrations
APPROVED

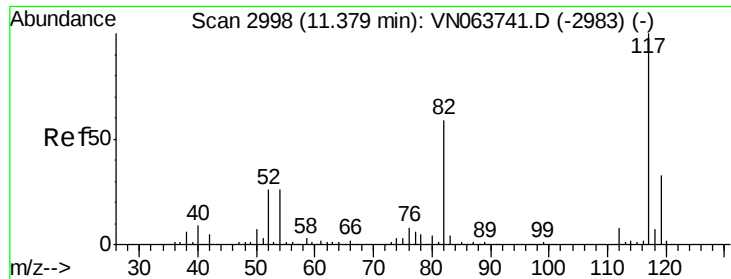
MMDadoda
10/2/2020 3:12:25 PM



#62
4-Bromofluorobenzene
Concen: 49.415 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion: 95 Resp: 188896
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.6
176 71.4 0.0 145.4





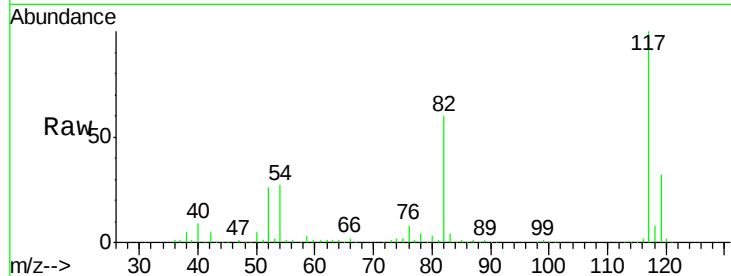
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tot Ion	Ratio	Resp	Lower	Upper
117	100	388318		
82	60.0	47.4	71.2	
119	32.2	26.4	39.6	

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:12:25 PM

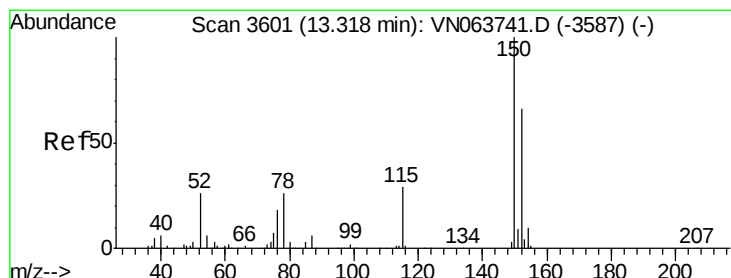
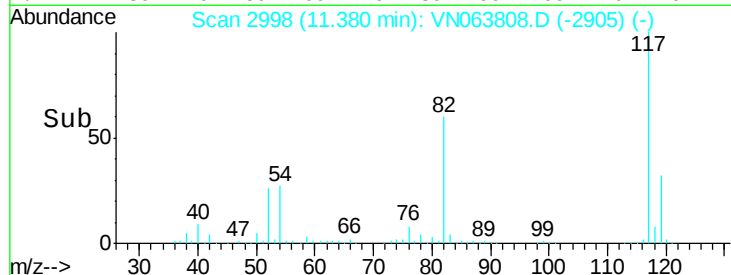
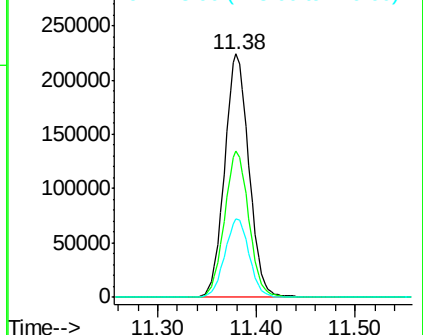


Abundance

Ion 116.90 (116.60 to 117.60): V

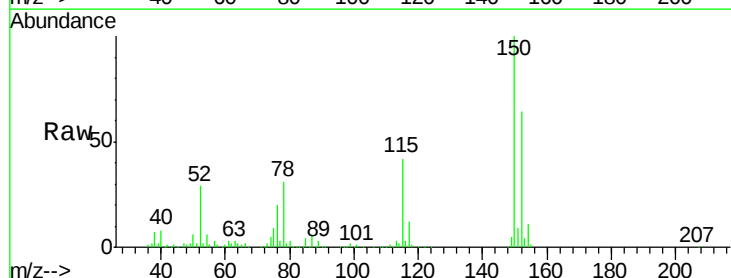
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	158203		
115	63.7	31.3	93.8	
150	158.4	0.0	341.8	



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

