

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061791.D
 Acq On : 12 Jun 2020 15:13
 Operator : JC/MD
 Sample : L2988-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D1-20200609

Quant Time: Jun 13 05:12:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	268877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	449852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	450239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200399	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	151198	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
35) Dibromofluoromethane	7.55	113	131354	57.56	ug/l	0.00
Spiked Amount			Recovery	=	115.12%	
50) Toluene-d8	10.06	98	540997	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.38	95	187728	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	

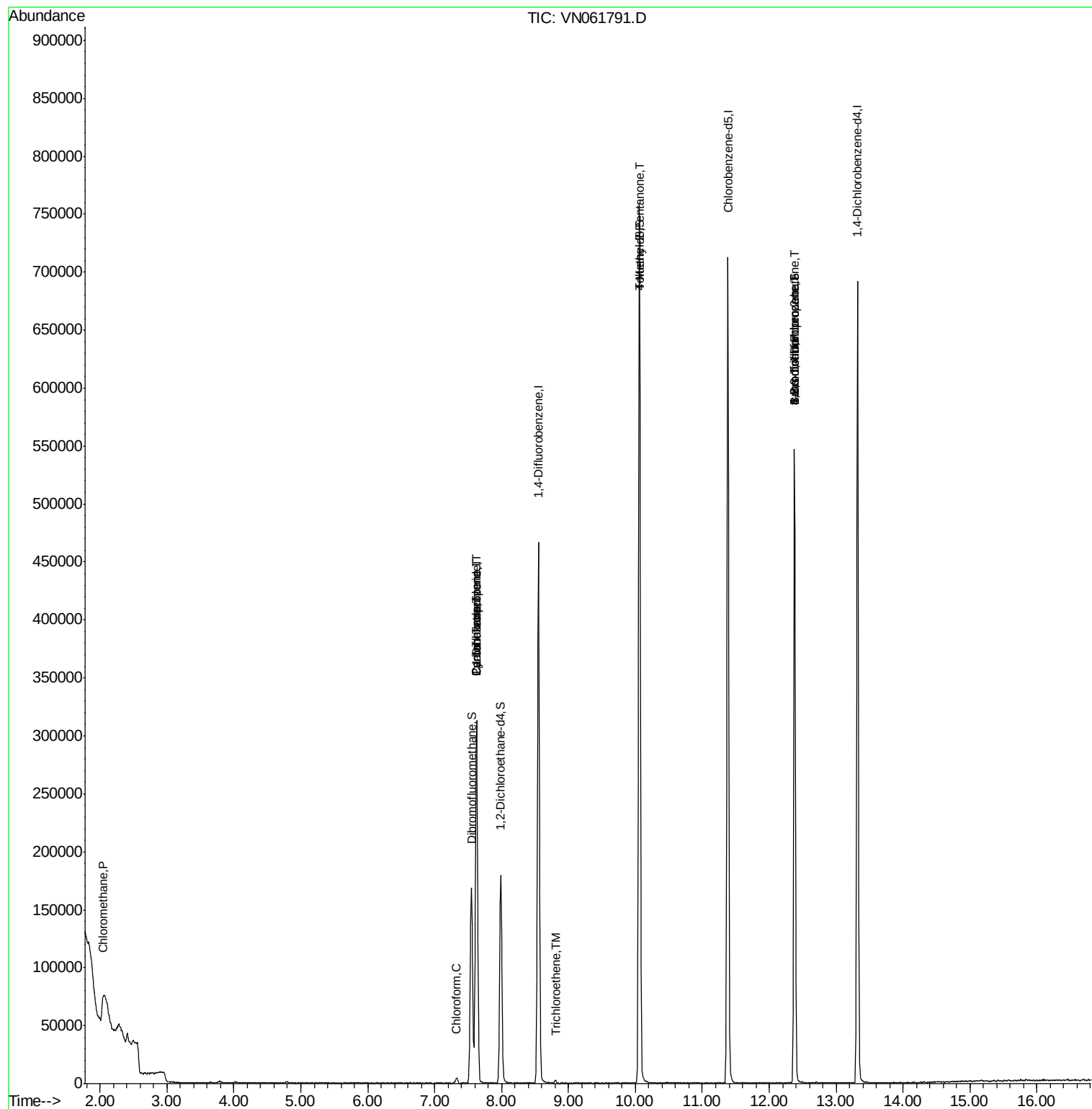
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1196	0.365	ug/l	94
16) Acetone	3.78	43	2787	Below Cal		97
28) Bromochloromethane	7.33	49	64	Below Cal	#	3
30) Chloroform	7.32	83	5127	0.923	ug/l	91
31) Cyclohexane	7.62	56	4623	1.024	ug/l	# 24
36) 1,1-Dichloropropene	7.63	75	18773	4.714	ug/l	# 44
38) Carbon Tetrachloride	7.63	117	24740	6.441	ug/l	# 16
44) Trichloroethene	8.81	130	1111	0.294	ug/l	87
51) 4-Methyl-2-Pentanone	10.06	43	1778	0.547	ug/l	# 1
71) Bromoform	12.38	173	1598	0.595	ug/l	# 1
76) 1,2,3-Trichloropropane	12.38	75	91641	25.148	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.38	75	91641	64.311	ug/l	# 15

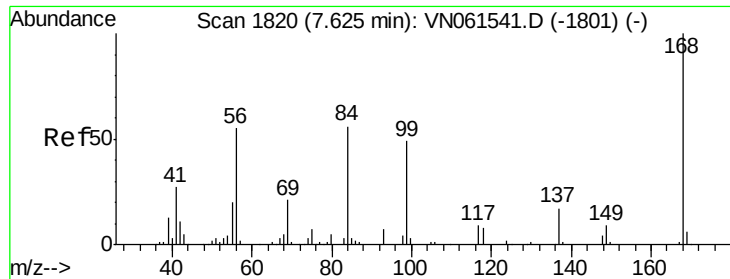
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061220\
Data File : VN061791.D
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Quant Time: Jun 13 05:12:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061791.D

Acq: 12 Jun 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

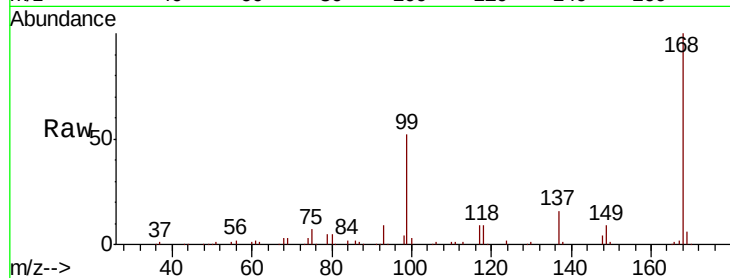
RE135D1-20200609

Tot Ion:168 Resp: 268877

Ion Ratio Lower Upper

168 100

99 51.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

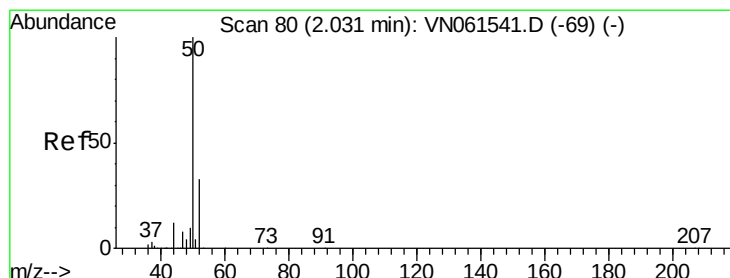
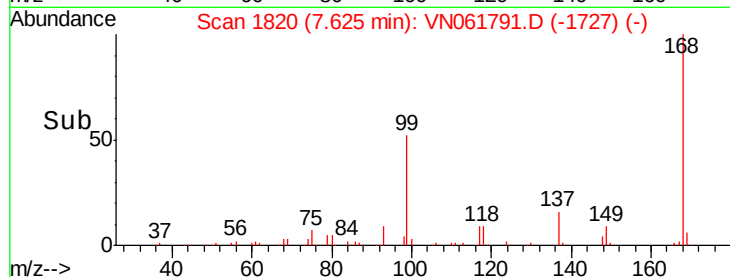
7.63

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#3

Chloromethane

Concen: 0.365 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061791.D

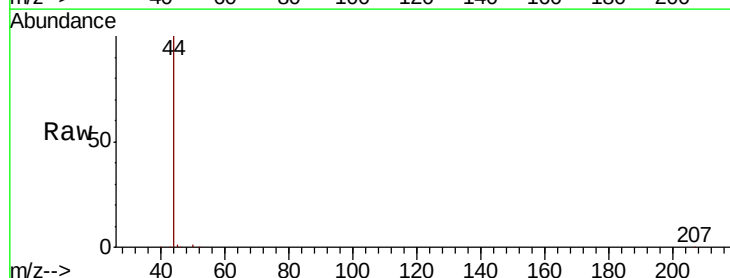
Acq: 12 Jun 2020 15:13

Tgt Ion: 50 Resp: 1196

Ion Ratio Lower Upper

50 100

52 37.0 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

1000

800

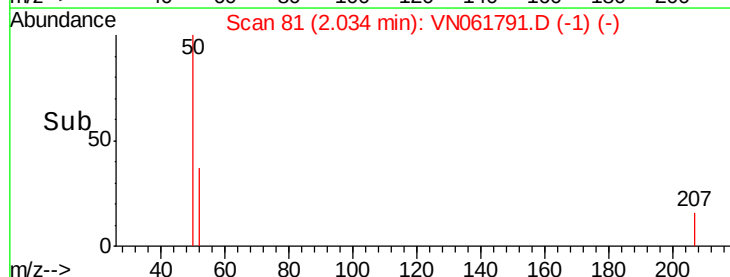
600

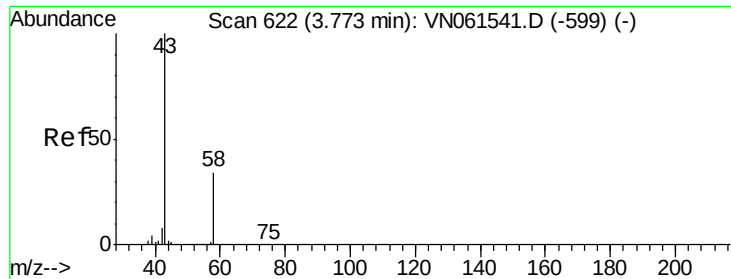
400

200

0

Time--> 2.00 2.02 2.04 2.06 2.08

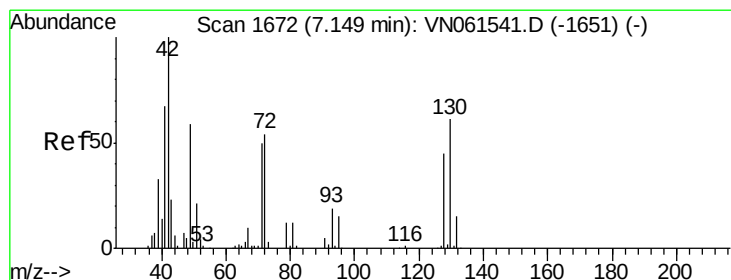
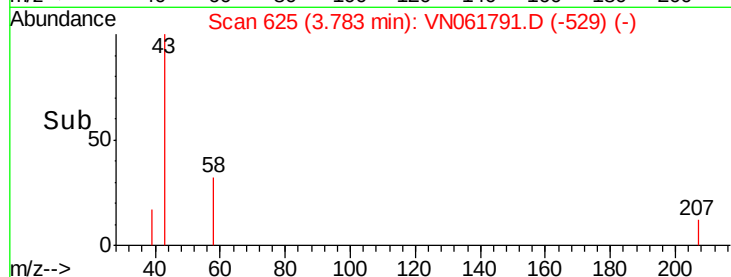
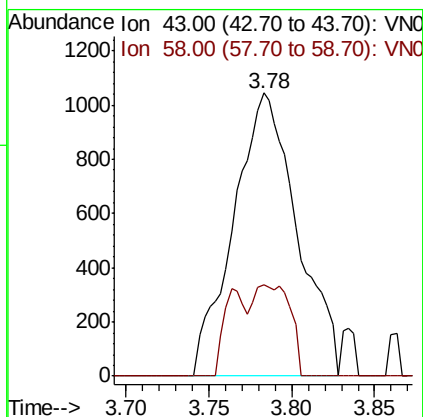
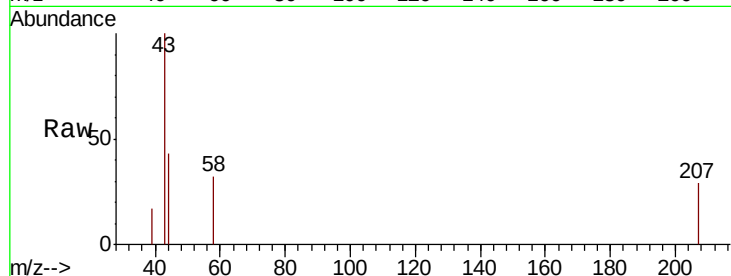




#16
Acetone
Concen: Below Cal
RT: 3.78 min Scan# 625
Delta R.T. 0.01 min
Lab File: VN061791.D
Acq: 12 Jun 2020 15:13

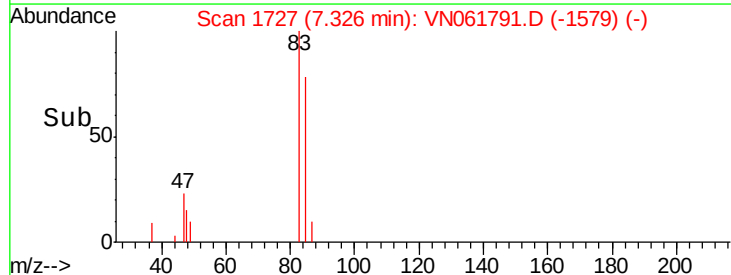
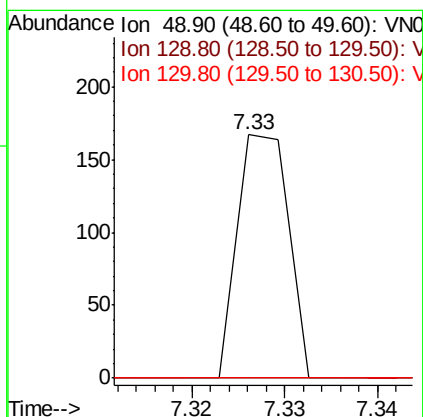
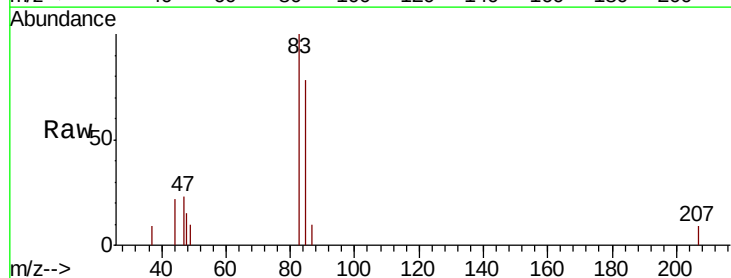
Instrument :
MSVOA_N
ClientSampleId :
RE135D1-20200609

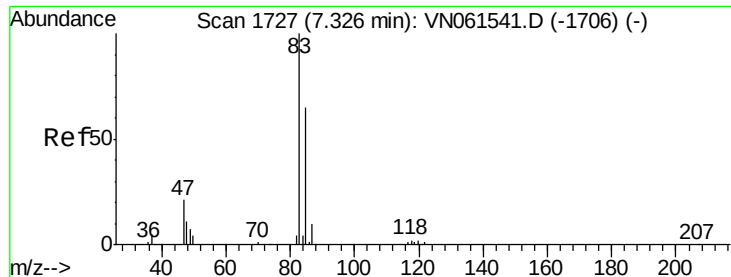
Tot Ion: 43 Resp: 2787
Ion Ratio Lower Upper
43 100
58 32.3 27.2 40.8



#28
Bromochloromethane
Concen: Below Cal
RT: 7.33 min Scan# 1727
Delta R.T. 0.18 min
Lab File: VN061791.D
Acq: 12 Jun 2020 15:13

Tgt Ion: 49 Resp: 64
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 0.0 78.8 118.2#

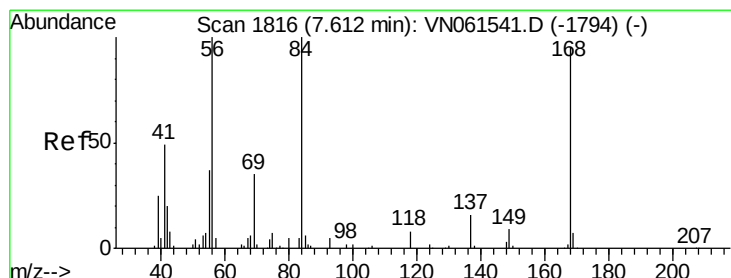
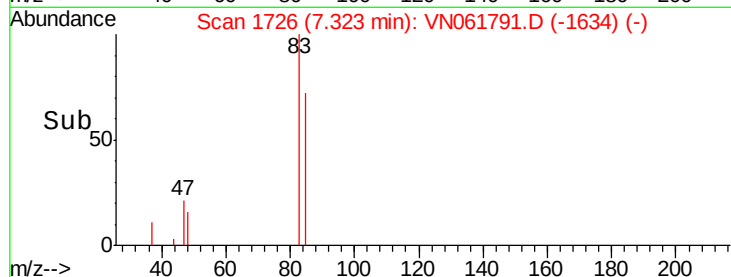
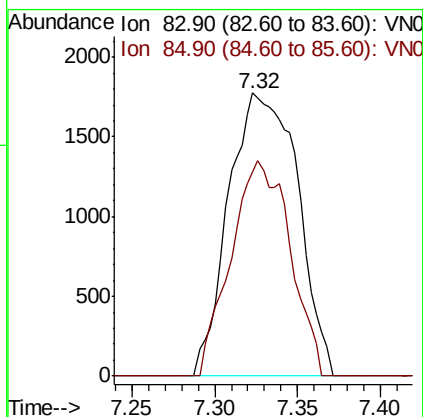
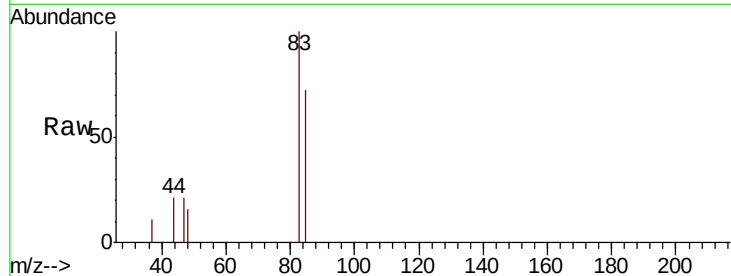




#30
Chloroform
Concen: 0.923 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061791.D
Acq: 12 Jun 2020 15:13

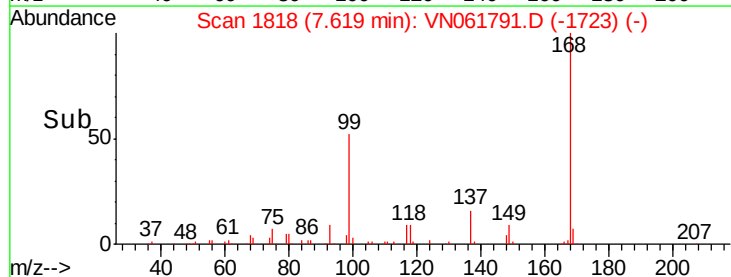
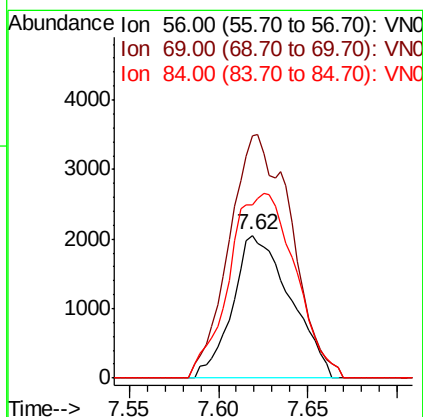
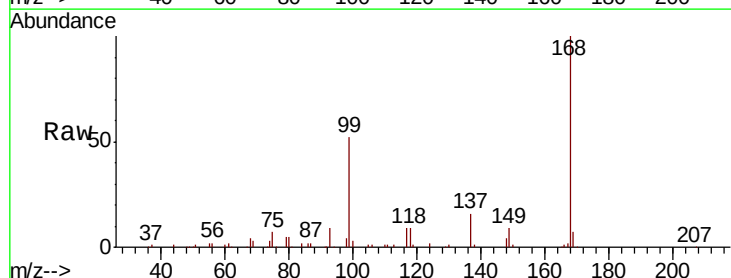
Instrument :
MSVOA_N
ClientSampleId :
RE135D1-20200609

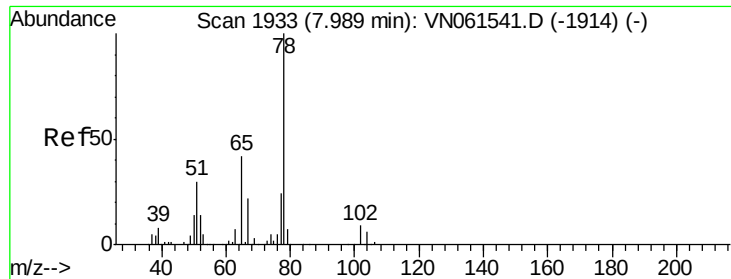
Tot Ion: 83 Resp: 5127
Ion Ratio Lower Upper
83 100
85 71.9 51.7 77.5



#31
Cyclohexane
Concen: 1.024 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VN061791.D
Acq: 12 Jun 2020 15:13

Tgt Ion: 56 Resp: 4623
Ion Ratio Lower Upper
56 100
69 169.8 27.8 41.8#
84 121.5 79.9 119.9#

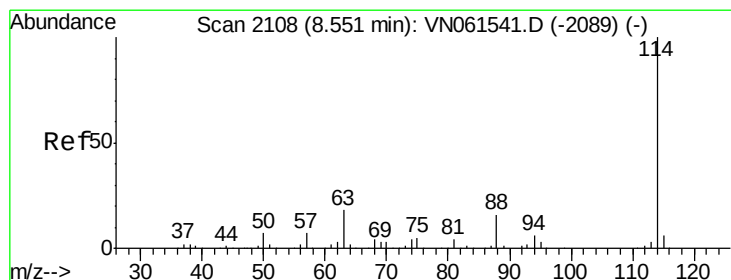
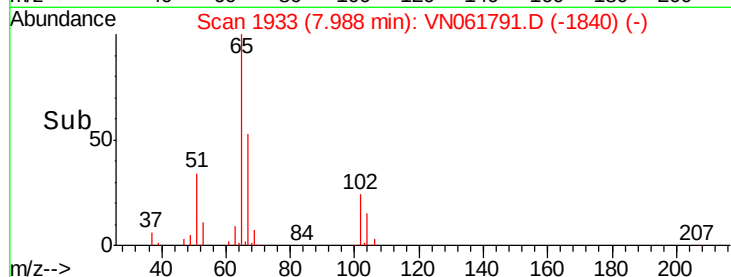
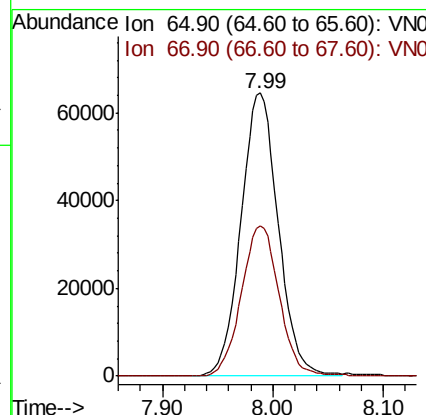
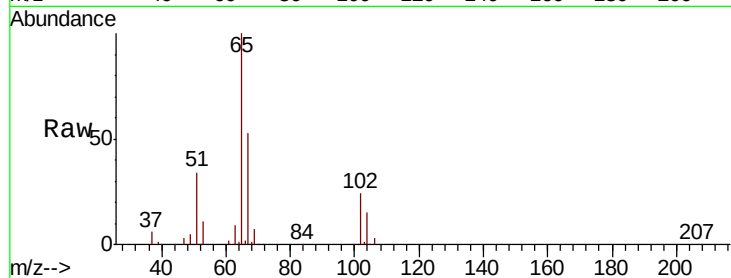




#33
 1,2-Dichloroethane-d4
 Concen: 47.198 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061791.D
 Acq: 12 Jun 2020 15:13

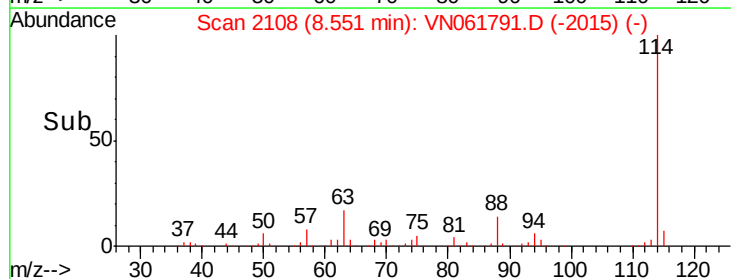
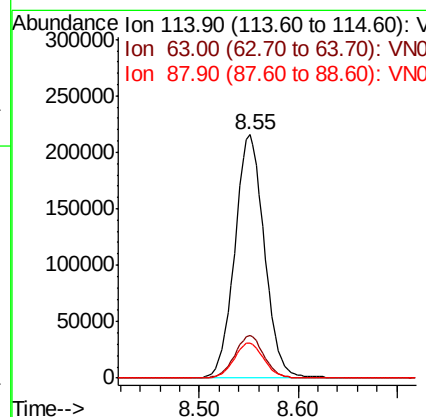
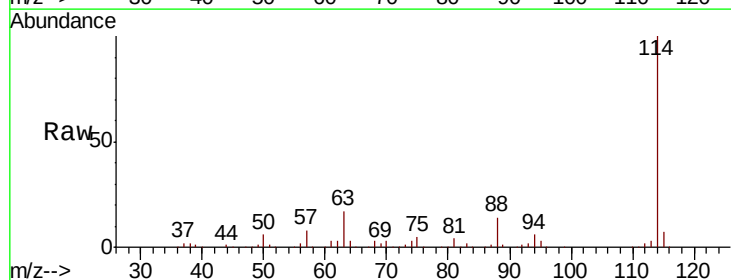
Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D1-20200609

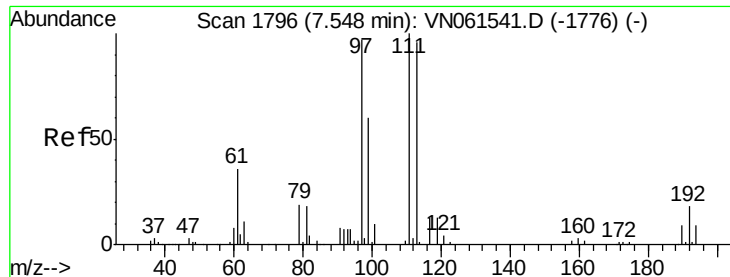
Tot Ion: 65 Resp: 151198
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061791.D
 Acq: 12 Jun 2020 15:13

Tgt Ion: 114 Resp: 449852
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.8
 88 14.2 0.0 31.0

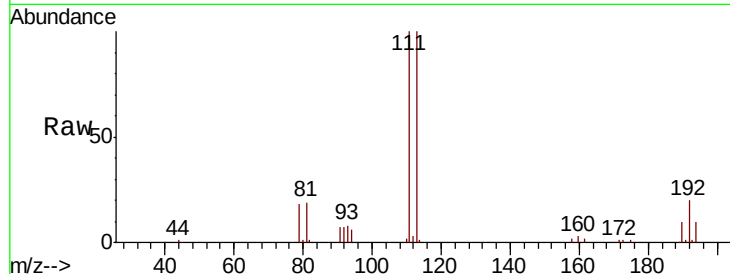




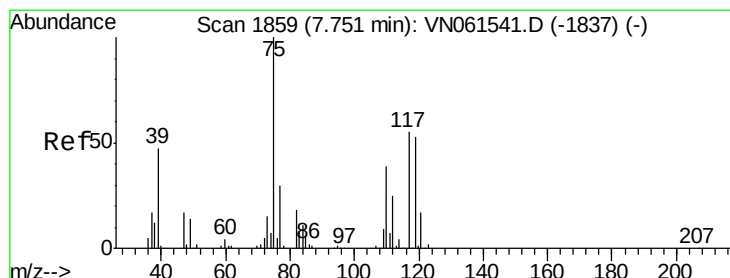
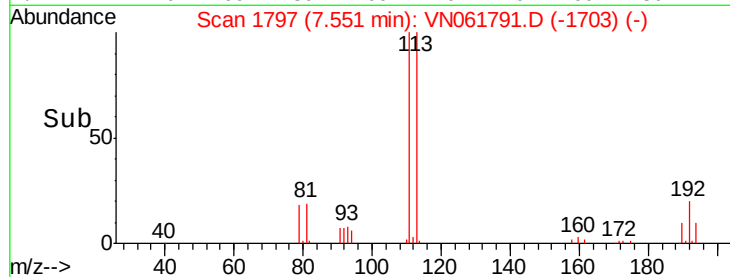
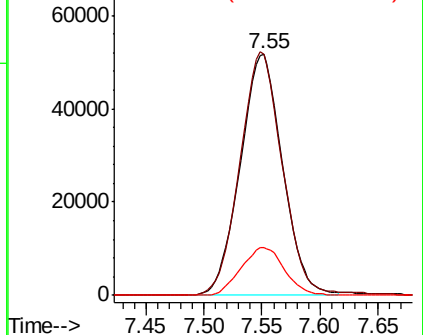
#35
 Dibromofluoromethane
 Concen: 57.561 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061791.D
 Acq: 12 Jun 2020 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D1-20200609

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.4	125.0
192	20.3	15.4	23.2

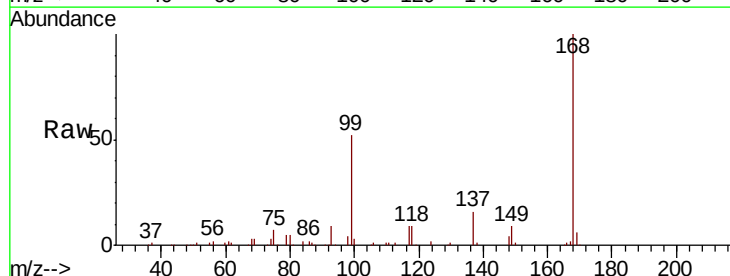


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

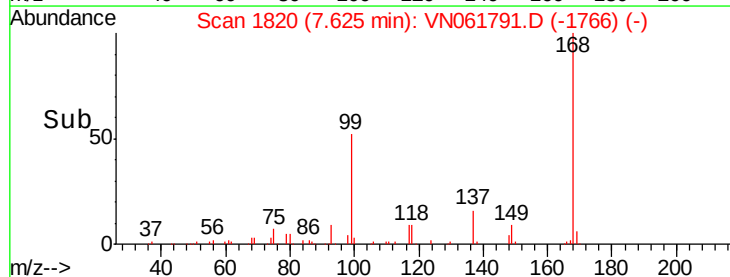
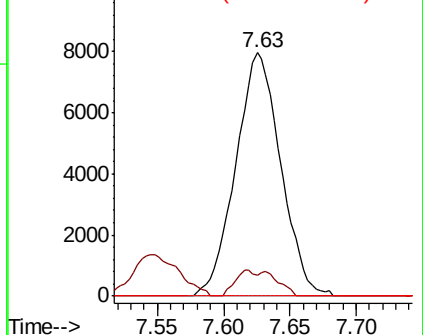


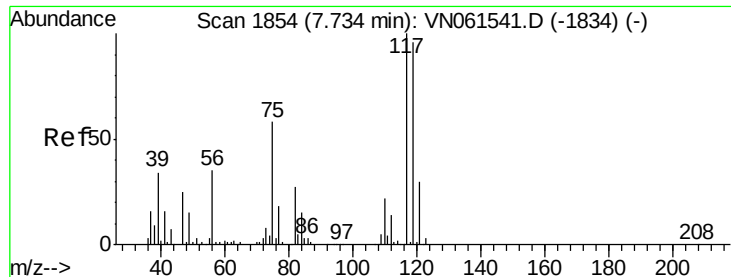
#36
 1,1-Dichloropropene
 Concen: 4.714 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061791.D
 Acq: 12 Jun 2020 15:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	5.0	19.5	58.5#
77	0.0	24.7	37.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0





#38

Carbon Tetrachloride

Concen: 6.441 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN061791.D

Acq: 12 Jun 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

RE135D1-20200609

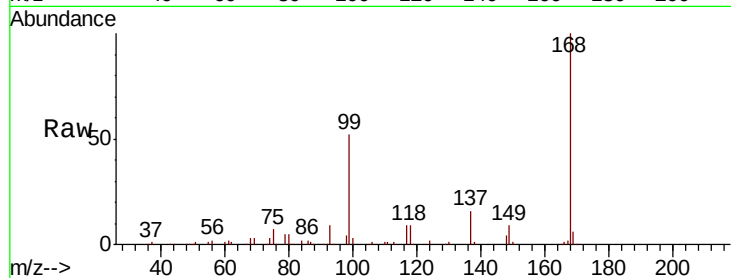
Tot Ion:117 Resp: 24740

Ion Ratio Lower Upper

117 100

119 5.3 76.5 114.7#

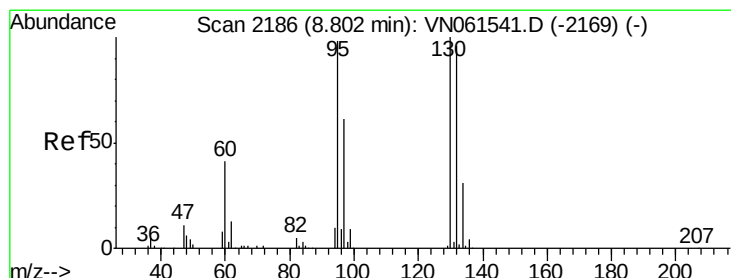
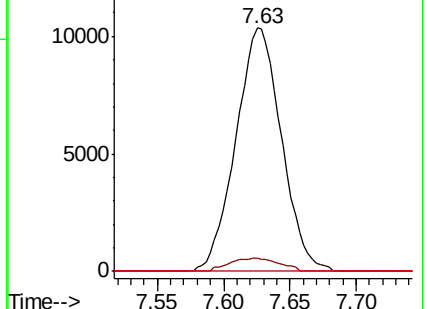
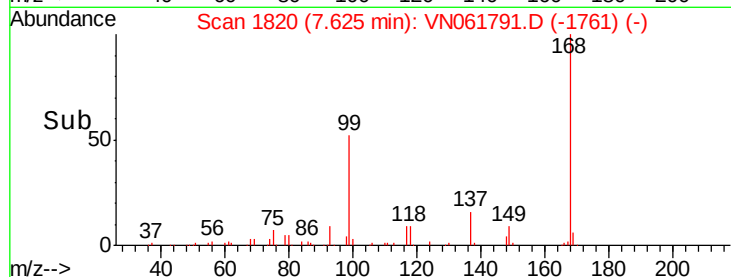
121 0.0 24.1 36.1#



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



#44

Trichloroethene

Concen: 0.294 ug/l

RT: 8.81 min Scan# 2187

Delta R.T. 0.00 min

Lab File: VN061791.D

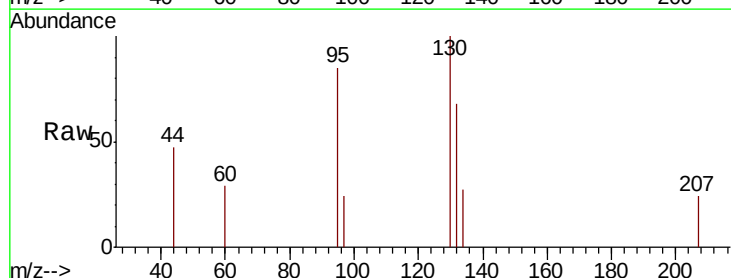
Acq: 12 Jun 2020 15:13

Tgt Ion:130 Resp: 1111

Ion Ratio Lower Upper

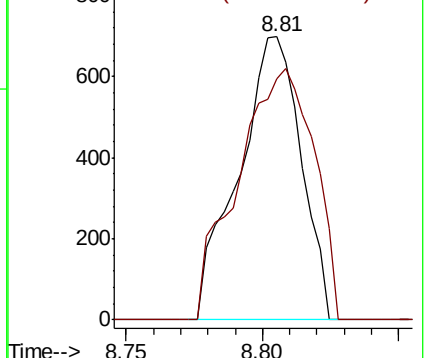
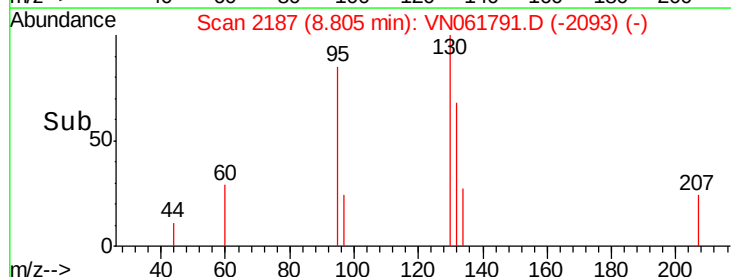
130 100

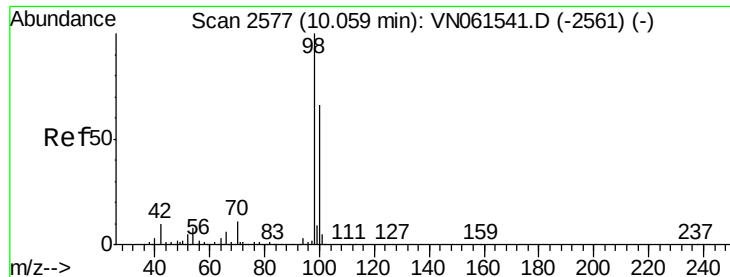
95 85.2 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.157 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061791.D

Acq: 12 Jun 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

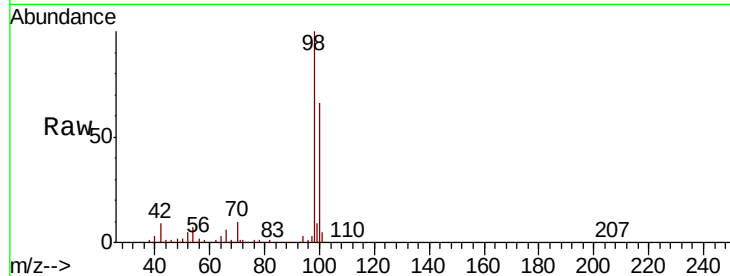
RE135D1-20200609

Tot Ion: 98 Resp: 540997

Ion Ratio Lower Upper

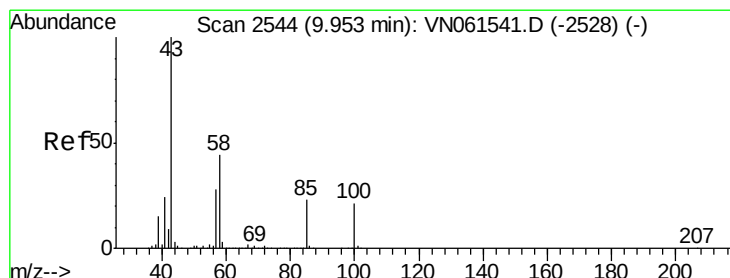
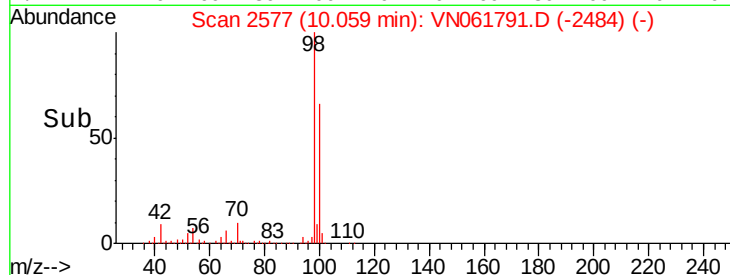
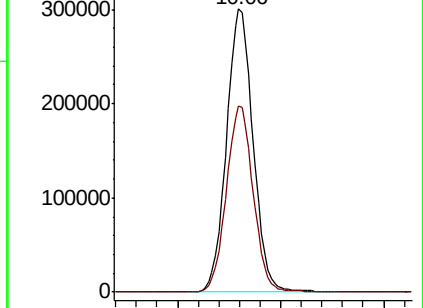
98 100

100 66.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.547 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN061791.D

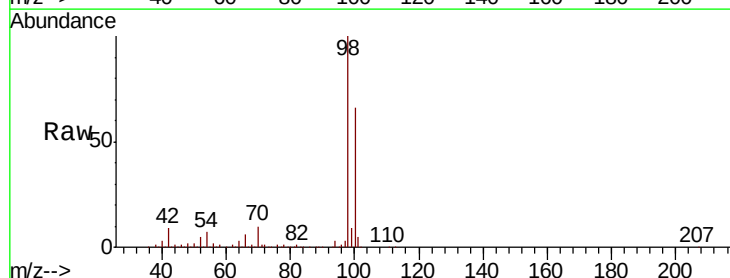
Acq: 12 Jun 2020 15:13

Tgt Ion: 43 Resp: 1778

Ion Ratio Lower Upper

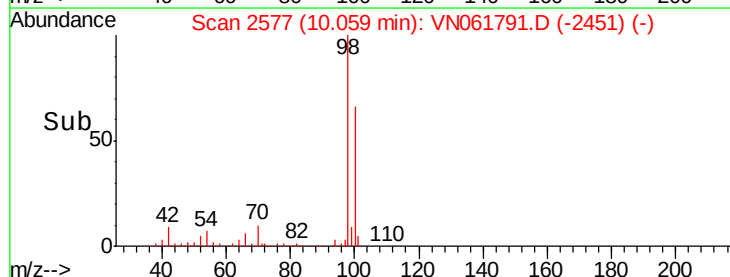
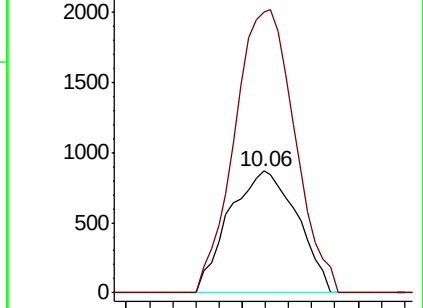
43 100

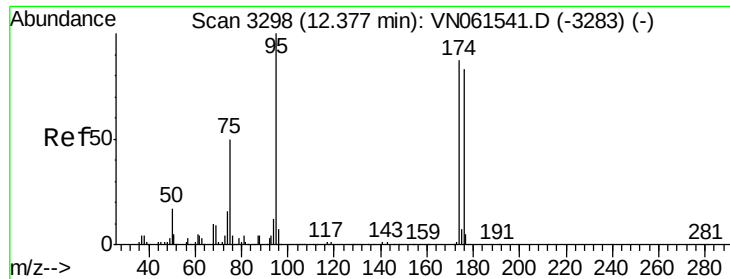
58 204.6 35.0 52.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

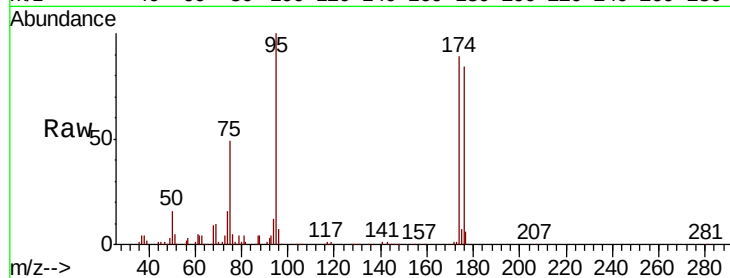




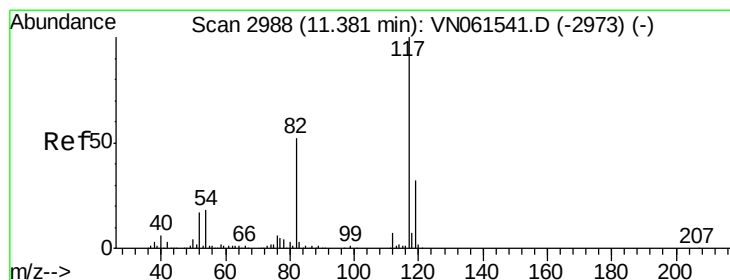
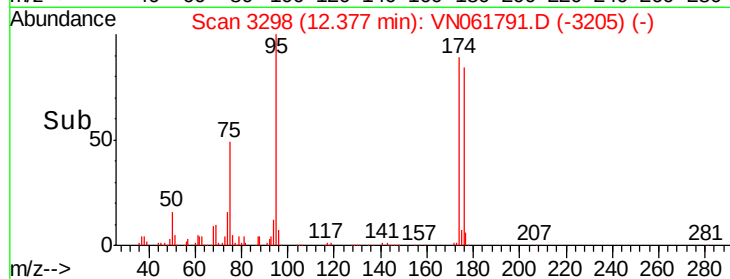
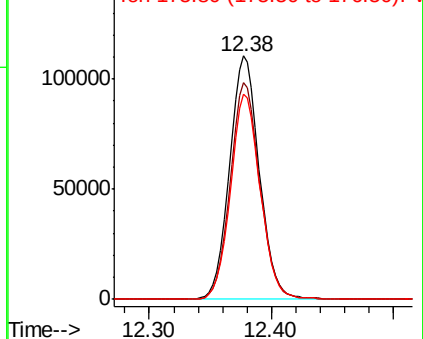
#62
4-Bromofluorobenzene
Concen: 48.657 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN061791.D
Acq: 12 Jun 2020 15:13

Instrument :
MSVOA_N
ClientSampleId :
RE135D1-20200609

Tot Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	172.8
176	84.1	0.0	164.8

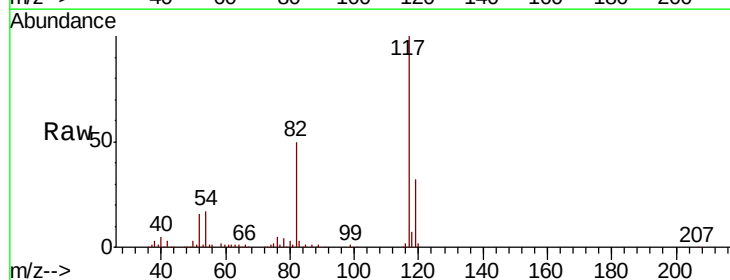


Abundance Ion 94.90 (94.60 to 95.60): VN061791.D (-3205) (-)

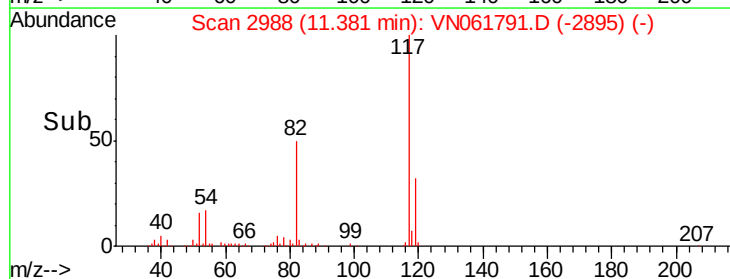
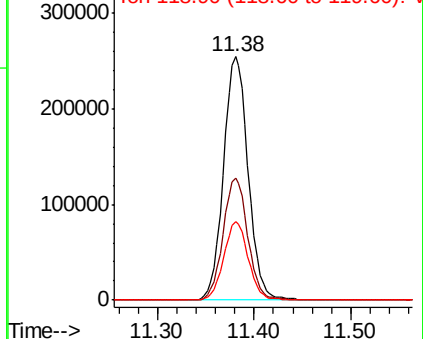


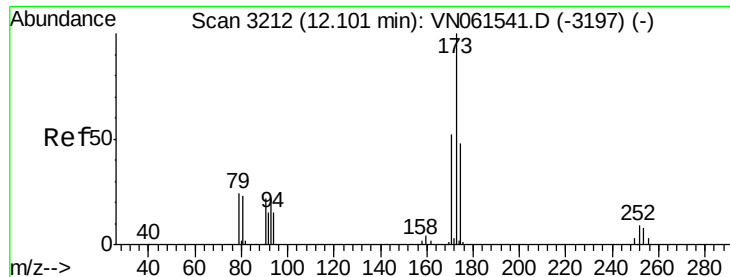
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061791.D
Acq: 12 Jun 2020 15:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.5	62.3
119	32.3	25.6	38.4



Abundance Ion 116.90 (116.60 to 117.60): VN061791.D (-2895) (-)





#71

Bromoform

Concen: 0.595 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN061791.D

Acq: 12 Jun 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

RE135D1-20200609

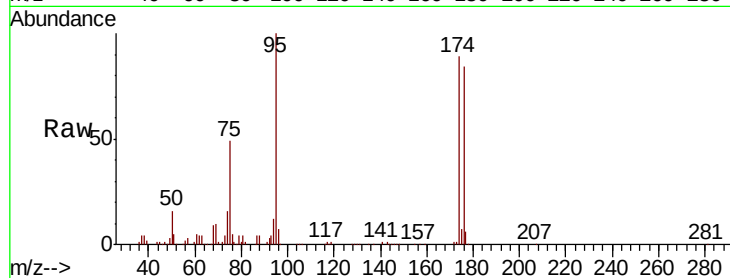
Tot Ion:173 Resp: 1598

Ion Ratio Lower Upper

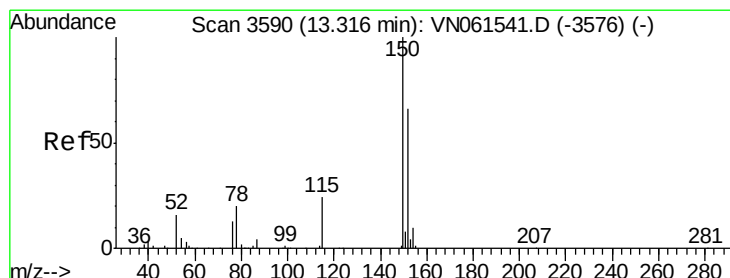
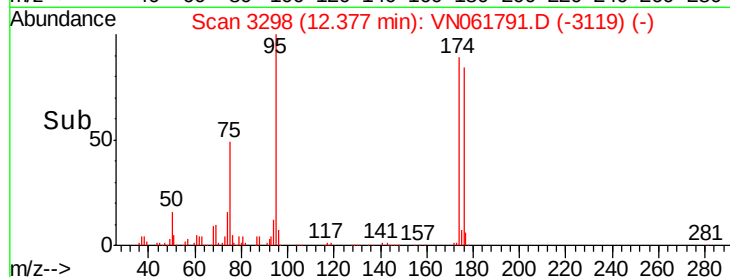
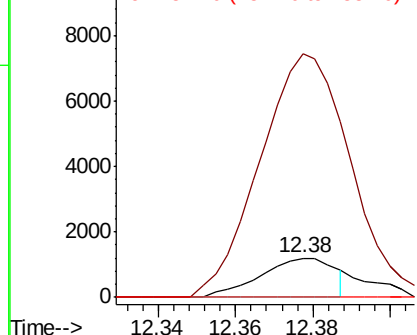
173 100

175 633.4 24.4 73.2#

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061791.D

Acq: 12 Jun 2020 15:13

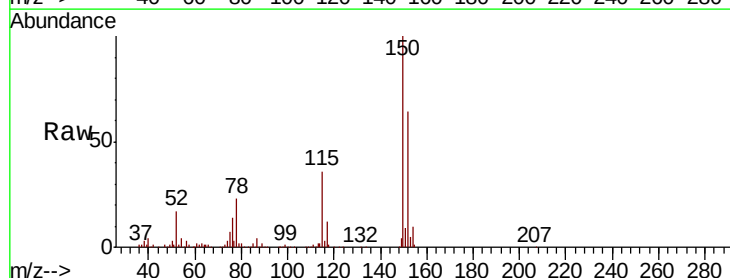
Tgt Ion:152 Resp: 200399

Ion Ratio Lower Upper

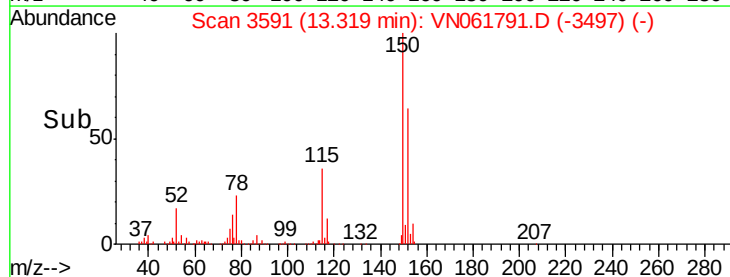
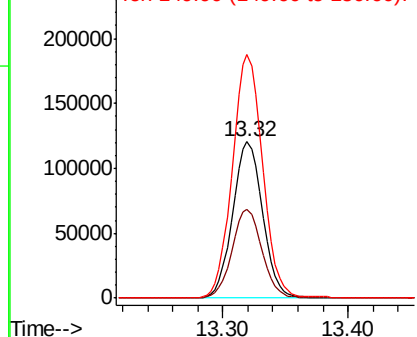
152 100

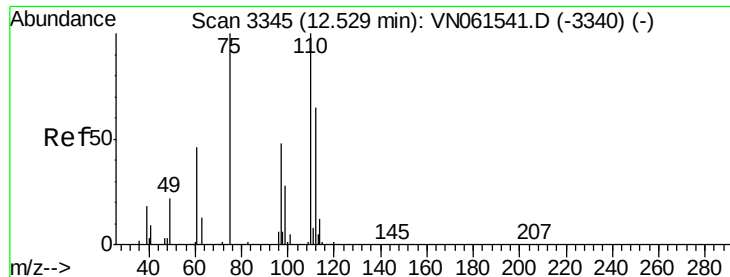
115 56.5 28.0 84.0

150 157.4 0.0 344.0



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





#76

1,2,3-Trichloropropane

Concen: 25.148 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061791.D

Acq: 12 Jun 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

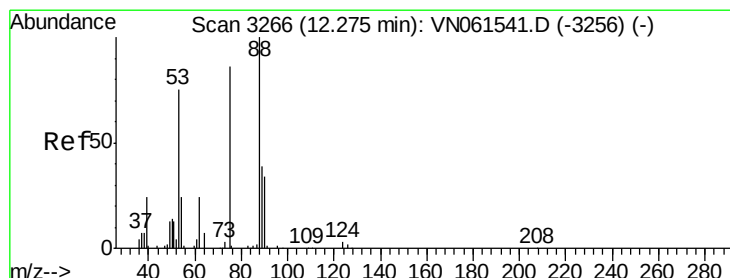
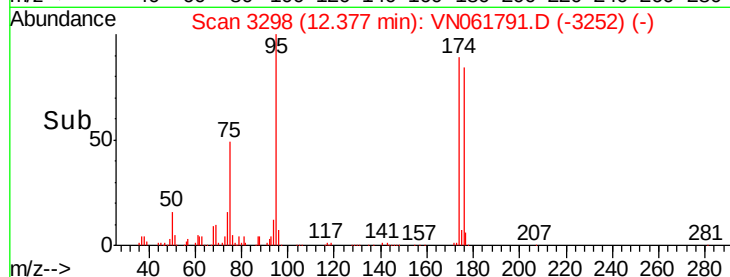
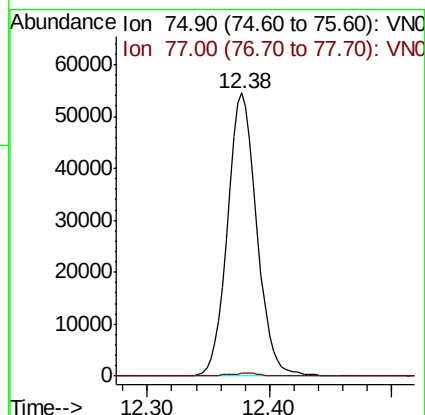
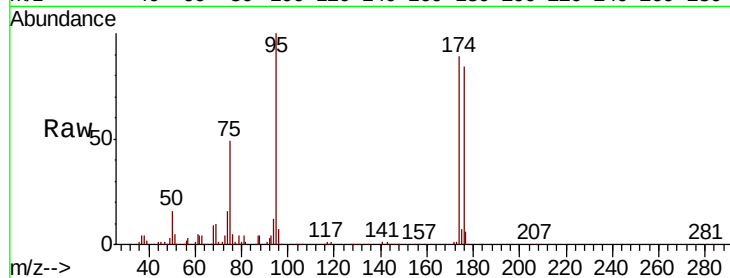
RE135D1-20200609

Tot Ion: 75 Resp: 91641

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.311 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061791.D

Acq: 12 Jun 2020 15:13

Tgt Ion: 75 Resp: 91641

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

89 0.0 37.1 55.7#

