

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065806.D
 Acq On : 18 Jun 2020 14:19
 Operator : VA/SY
 Sample : L2811-01RE
 Misc : 6.76G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-061620RE

Quant Time: Jun 19 01:01:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	146695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	250977	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	199662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	61470	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	78980	54.49	ug/l	0.00
Spiked Amount			Recovery	=	108.98%	
35) Dibromofluoromethane	7.92	113	76194	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
50) Toluene-d8	10.34	98	253905	42.95	ug/l	0.00
Spiked Amount			Recovery	=	85.90%	
62) 4-Bromofluorobenzene	12.64	95	63559	31.70	ug/l	0.00
Spiked Amount			Recovery	=	63.40%	

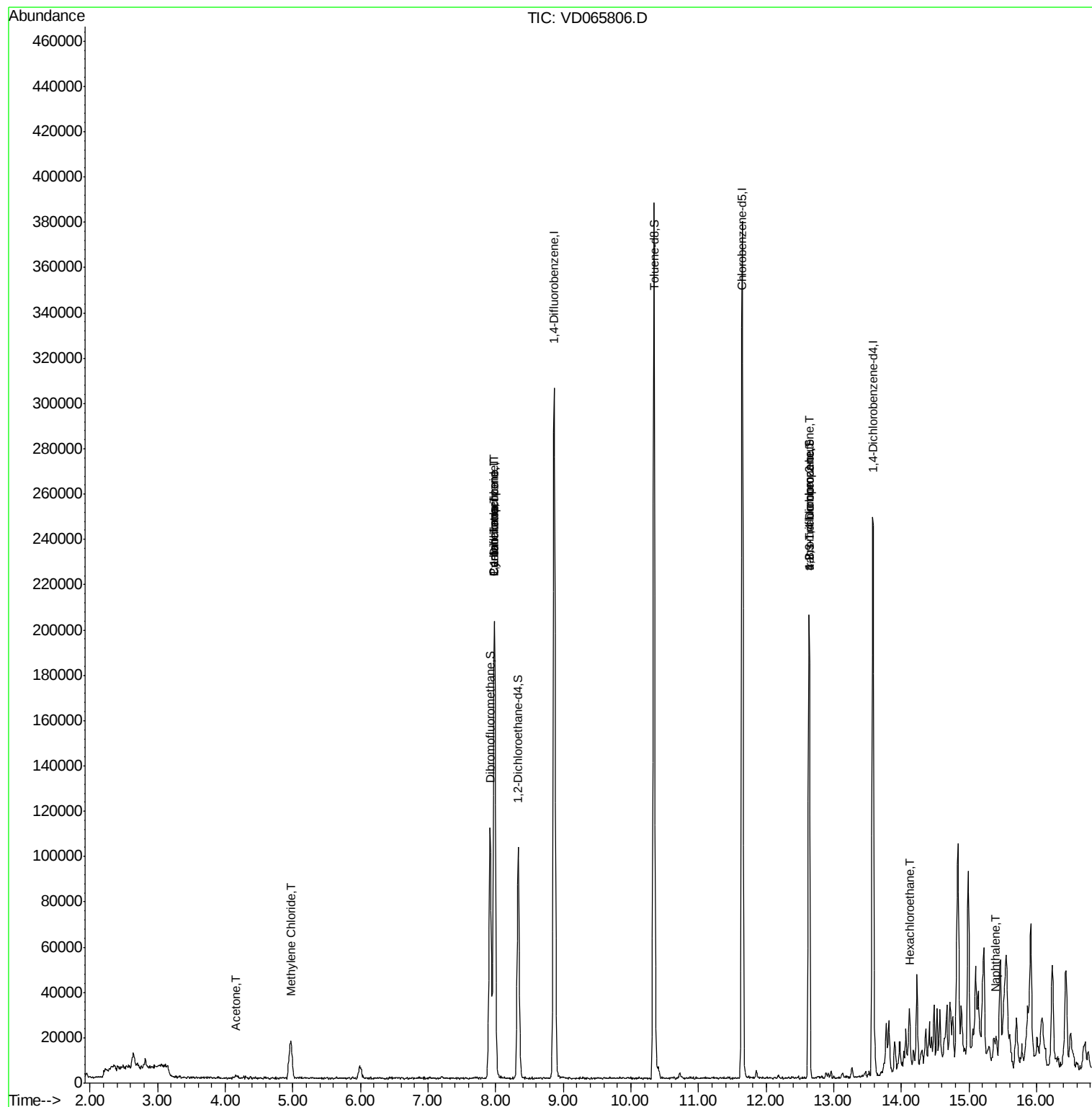
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	385	Below Cal	#	43
16) Acetone	4.16	43	1842	6.737	ug/l	99
18) Methyl Acetate	4.70	43	85	Below Cal	#	52
20) Methylene Chloride	4.97	84	13022	4.960	ug/l	90
31) Cyclohexane	7.98	56	4275	1.645	ug/l #	50
36) 1,1-Dichloropropene	7.98	75	12592	5.238	ug/l #	44
38) Carbon Tetrachloride	7.98	117	16421	6.490	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	36171	75.662	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	36171	163.477	ug/l #	9
90) Hexachloroethane	14.13	117	1733	2.281	ug/l #	12
95) Naphthalene	15.41	128	3004	1.576	ug/l #	78

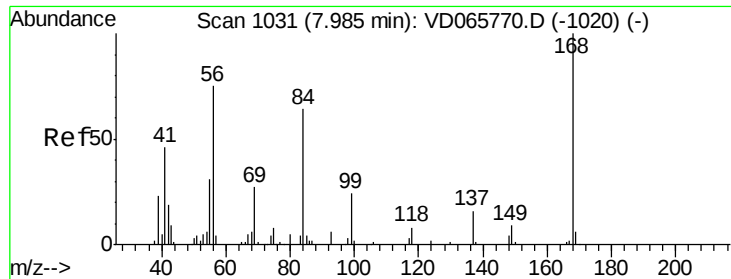
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061820\
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QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065806.D

Acq: 18 Jun 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

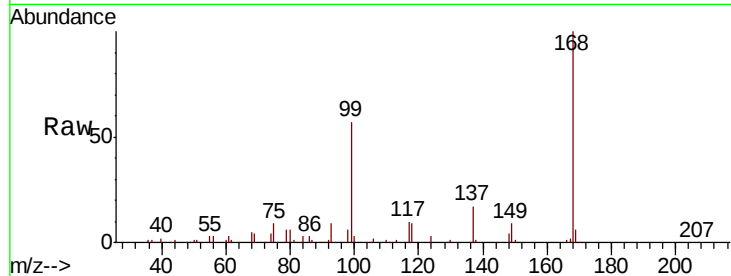
NB-08-061620RE

Tot Ion:168 Resp: 146695

Ion Ratio Lower Upper

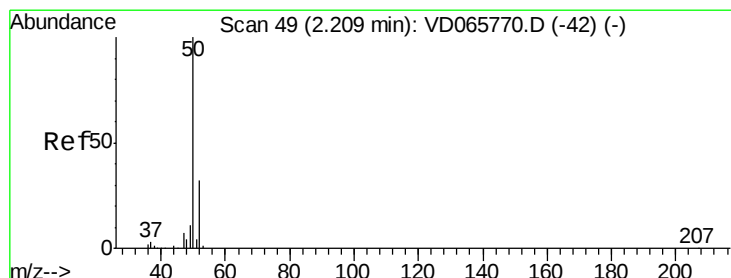
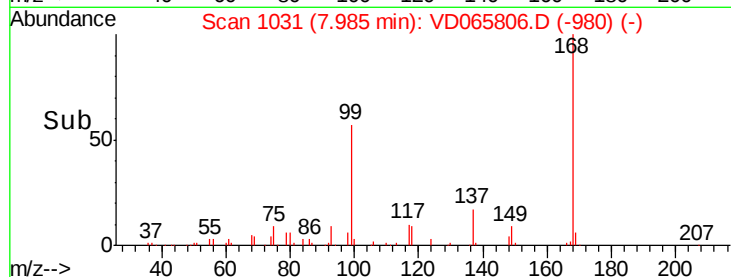
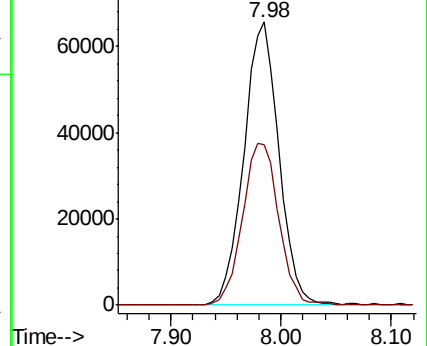
168 100

99 56.6 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065806.D

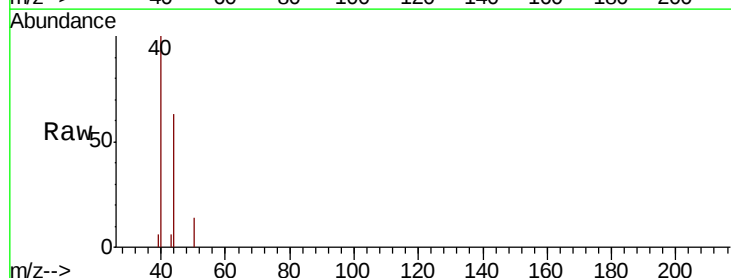
Acq: 18 Jun 2020 14:19

Tgt Ion: 50 Resp: 385

Ion Ratio Lower Upper

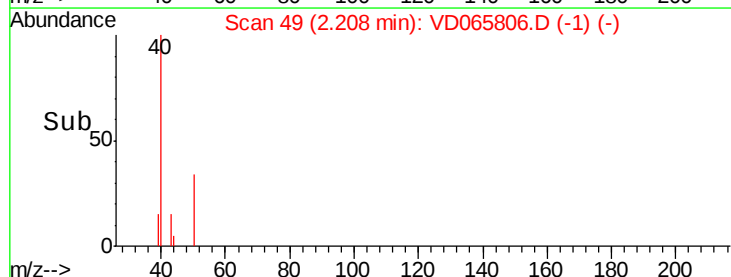
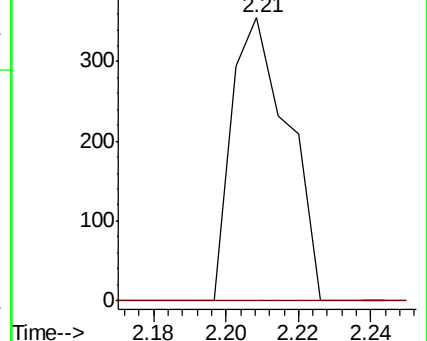
50 100

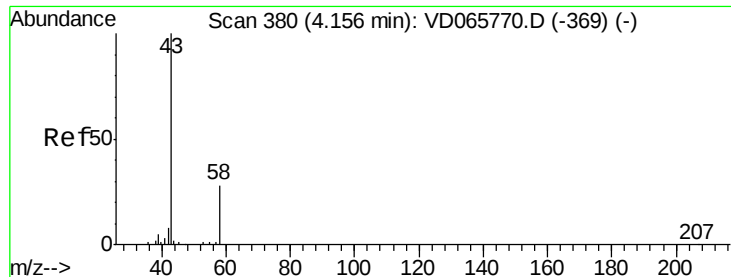
52 0.0 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#16

Acetone

Concen: 6.737 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065806.D

Acq: 18 Jun 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

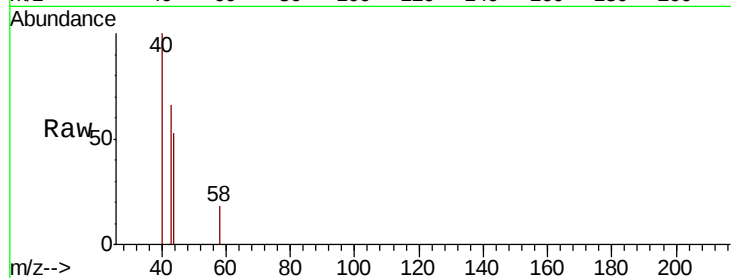
NB-08-061620RE

Tot Ion: 43 Resp: 1842

Ion Ratio Lower Upper

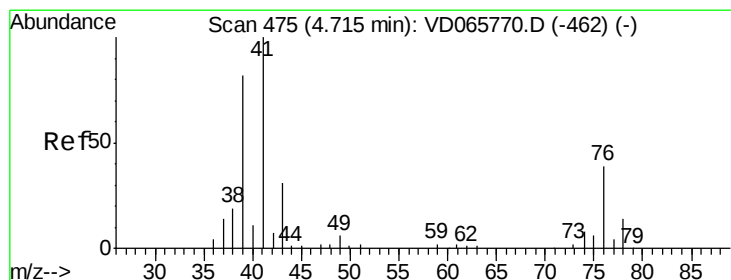
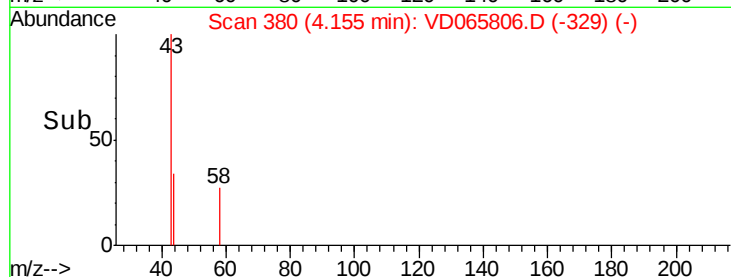
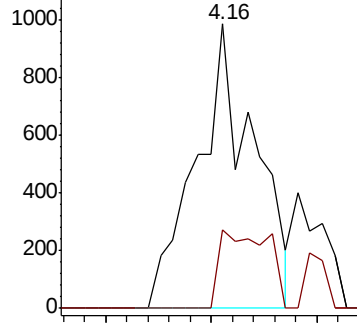
43 100

58 27.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#18

Methyl Acetate

Concen: Below Cal

RT: 4.70 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD065806.D

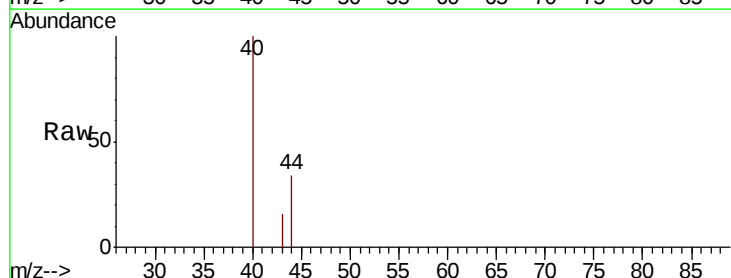
Acq: 18 Jun 2020 14:19

Tgt Ion: 43 Resp: 85

Ion Ratio Lower Upper

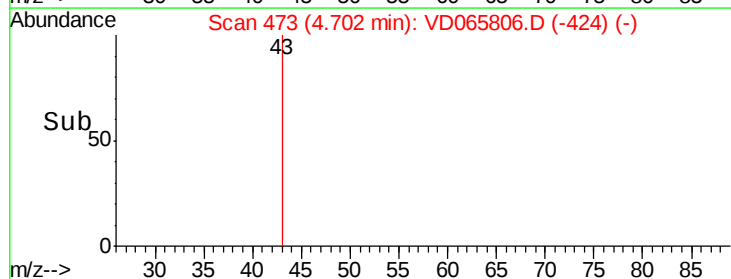
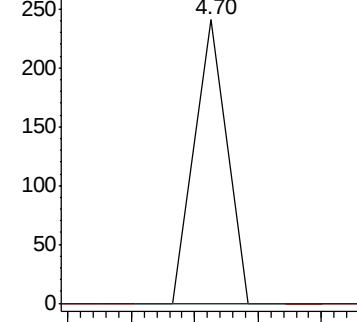
43 100

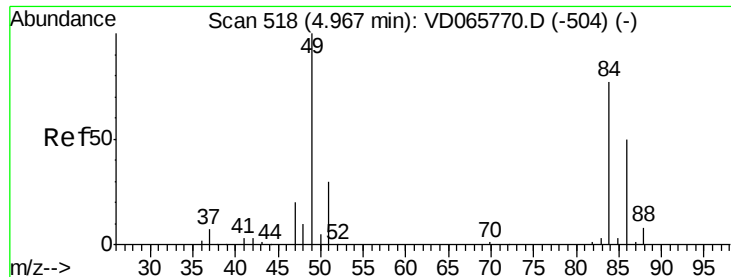
74 0.0 18.7 28.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

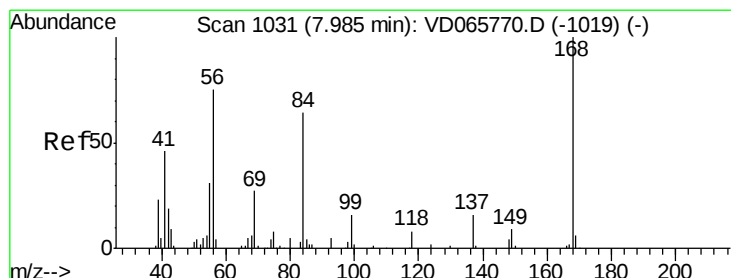
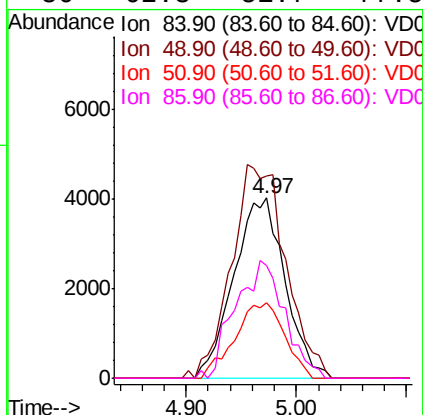
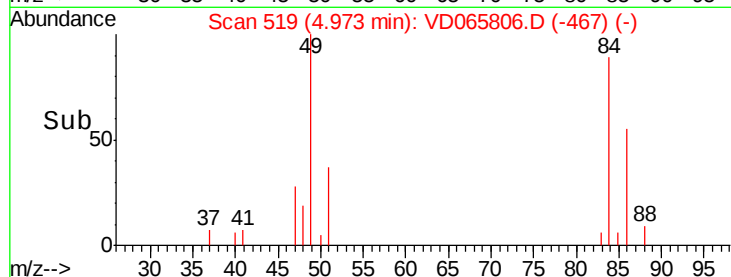
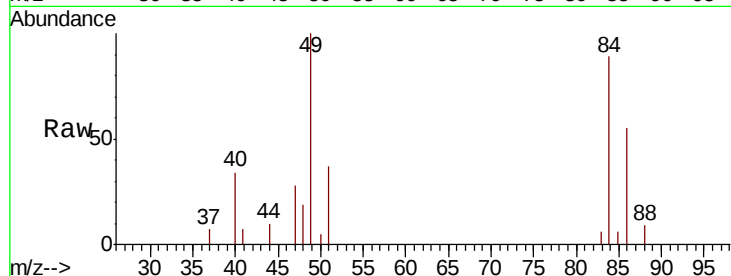




#20
Methvlene Chloride
Concen: 4.960 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065806.D
Acq: 18 Jun 2020 14:19

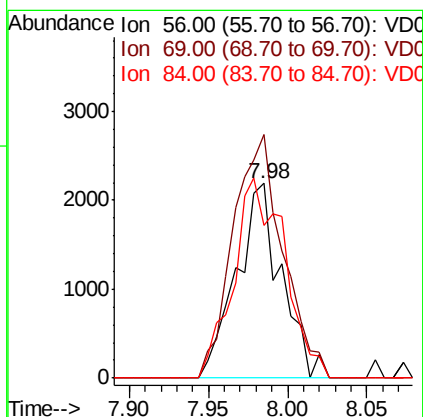
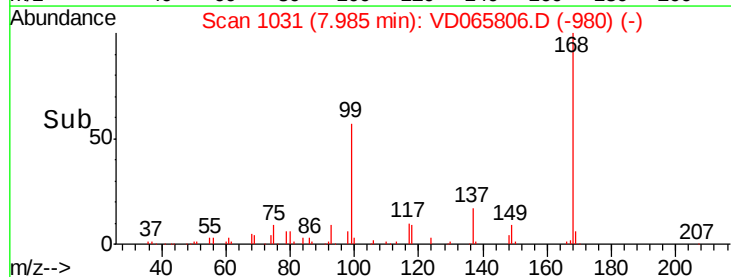
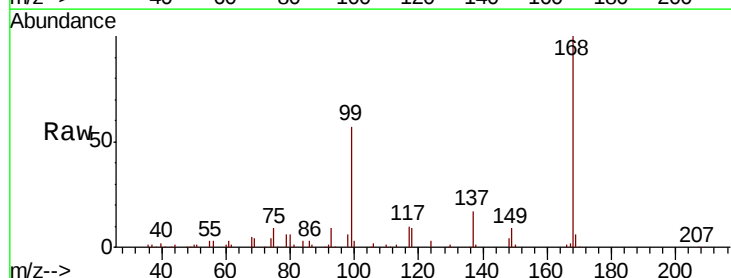
Instrument :
MSVOA_D
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NB-08-061620RE

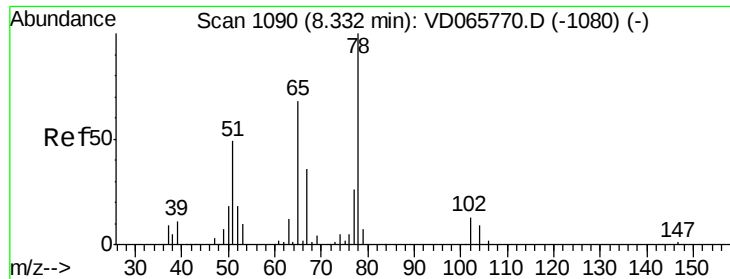
Tot Ion: 84 Resp: 13022
Ion Ratio Lower Upper
84 100
49 112.3 103.4 155.0
51 42.0 31.4 47.2
86 62.3 51.7 77.5



#31
Cyclohexane
Concen: 1.645 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065806.D
Acq: 18 Jun 2020 14:19

Tgt Ion: 56 Resp: 4275
Ion Ratio Lower Upper
56 100
69 125.1 28.5 42.7#
84 78.6 68.4 102.6

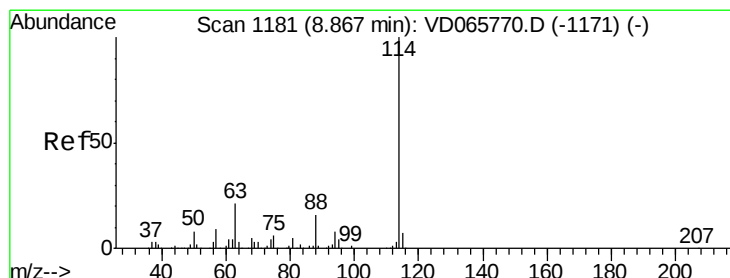
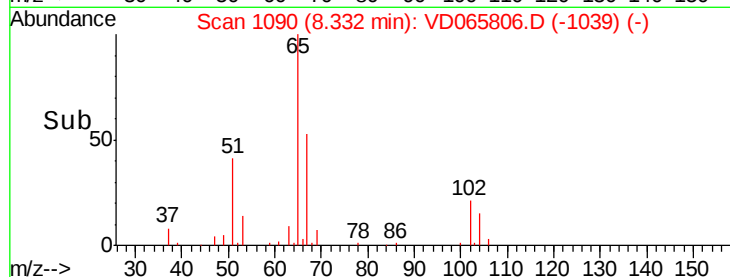
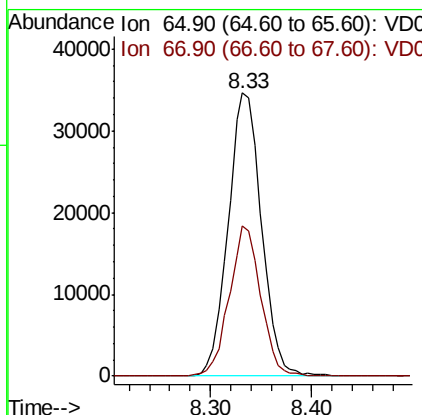
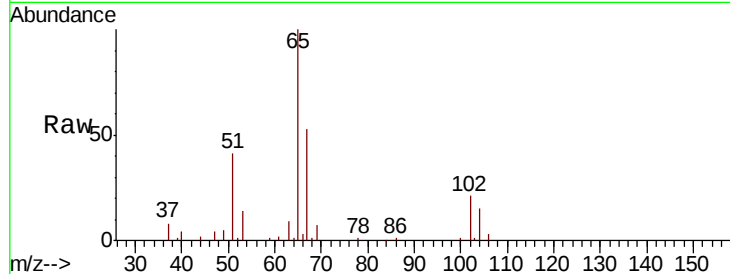




#33
 1,2-Dichloroethane-d4
 Concen: 54.486 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065806.D
 Acq: 18 Jun 2020 14:19

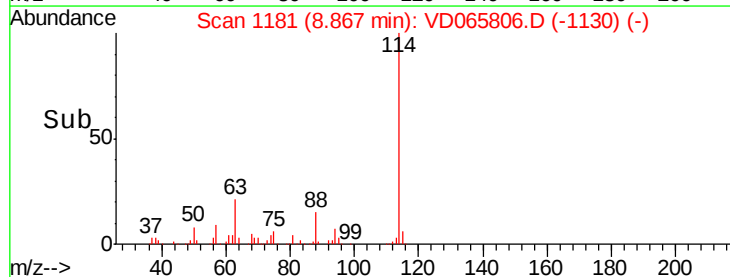
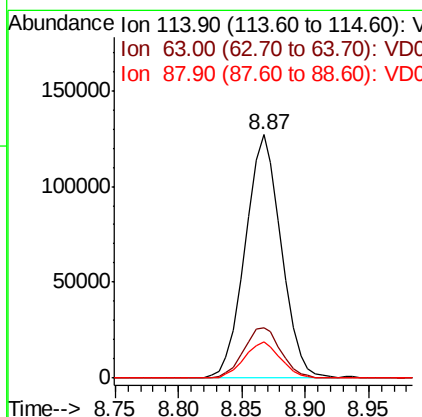
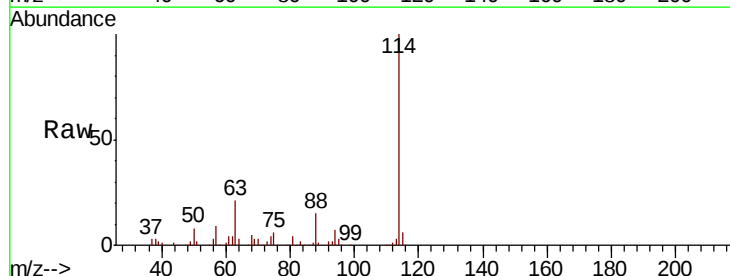
Instrument :
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 ClientSampleId :
 NB-08-061620RE

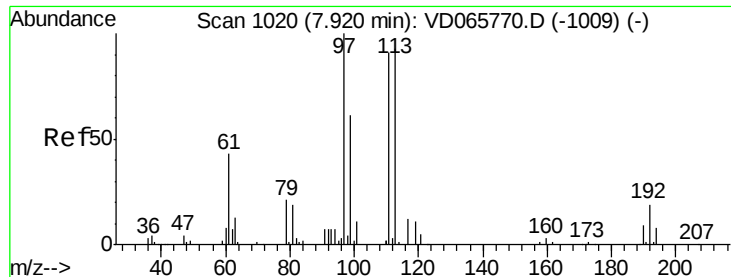
Tot Ion: 65 Resp: 78980
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065806.D
 Acq: 18 Jun 2020 14:19

Tgt Ion: 114 Resp: 250977
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.8
 88 14.7 0.0 32.0

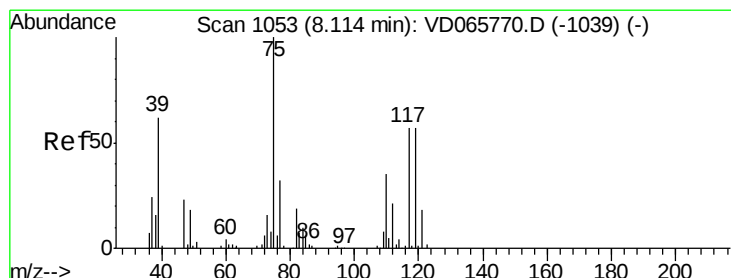
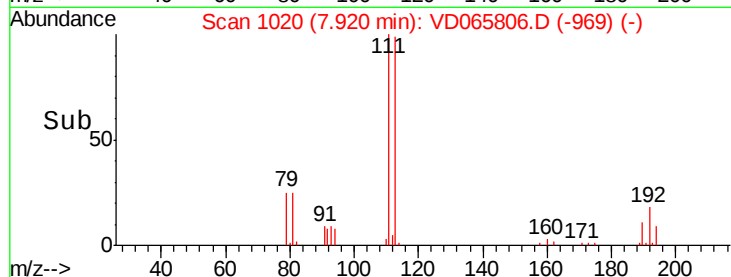
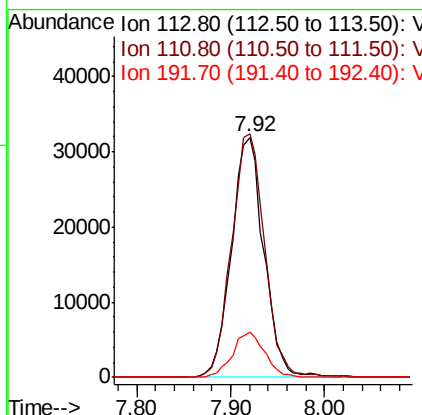
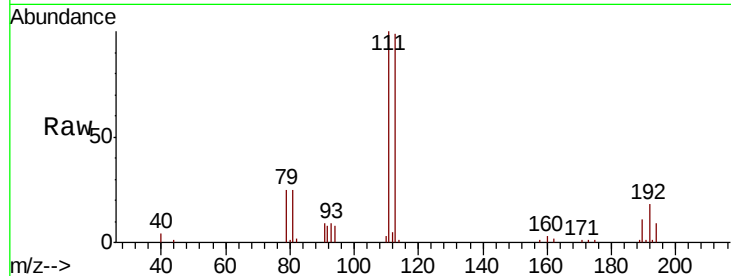




#35
 Dibromofluoromethane
 Concen: 48.062 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065806.D
 Acq: 18 Jun 2020 14:19

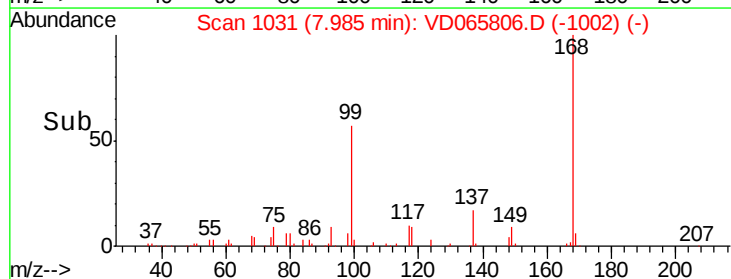
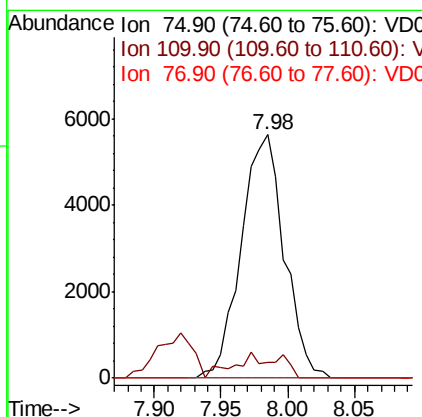
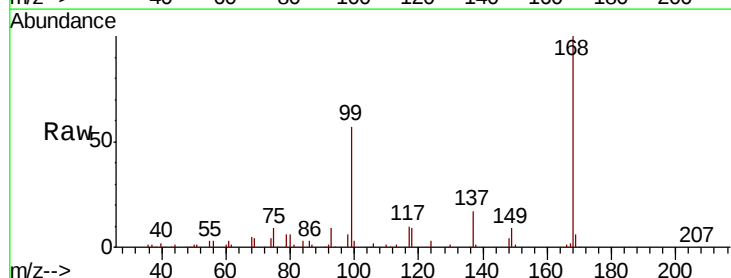
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 NB-08-061620RE

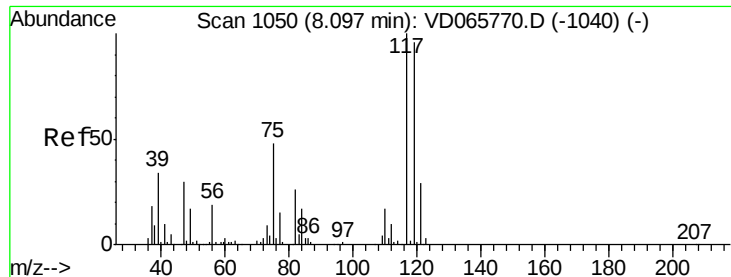
Tot Ion:113 Resp: 76194
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.4 125.0
 192 18.7 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 5.238 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065806.D
 Acq: 18 Jun 2020 14:19

Tgt Ion: 75 Resp: 12592
 Ion Ratio Lower Upper
 75 100
 110 3.4 17.6 52.8#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.490 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD065806.D

Acq: 18 Jun 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

NB-08-061620RE

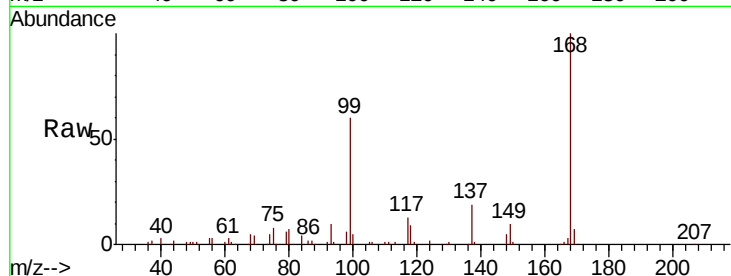
Tot Ion:117 Resp: 16421

Ion Ratio Lower Upper

117 100

119 5.0 76.8 115.2#

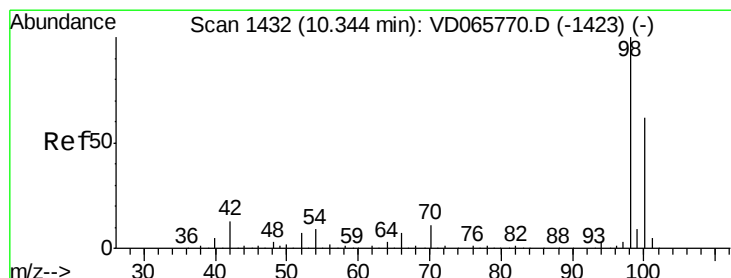
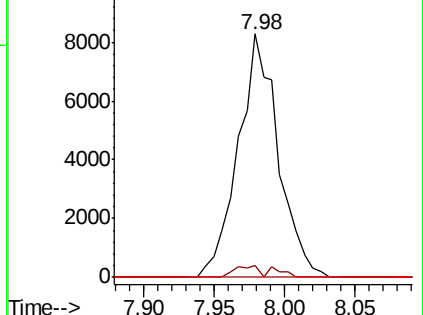
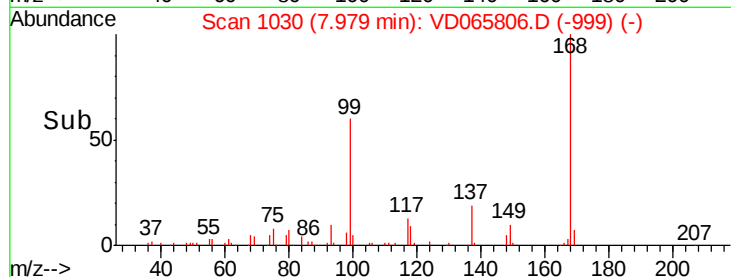
121 0.0 23.4 35.2#



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



#50

Toluene-d8

Concen: 42.951 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065806.D

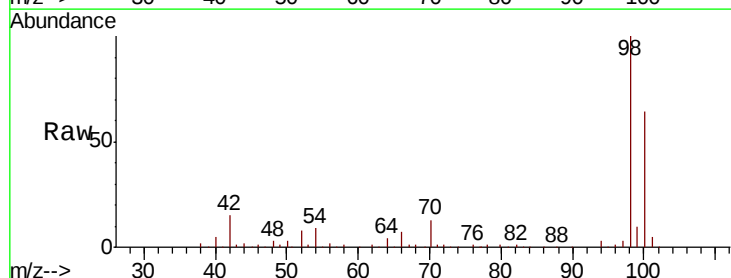
Acq: 18 Jun 2020 14:19

Tgt Ion: 98 Resp: 253905

Ion Ratio Lower Upper

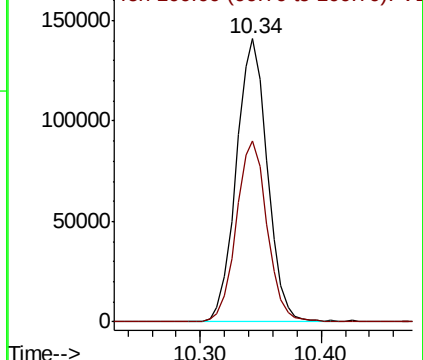
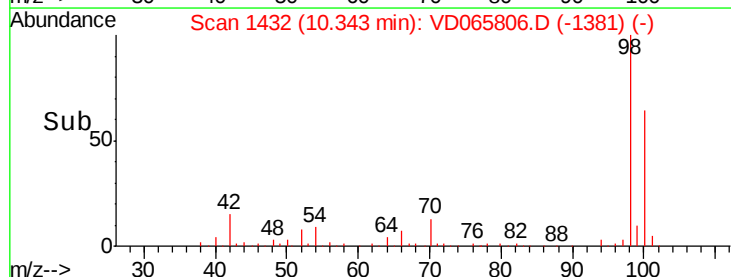
98 100

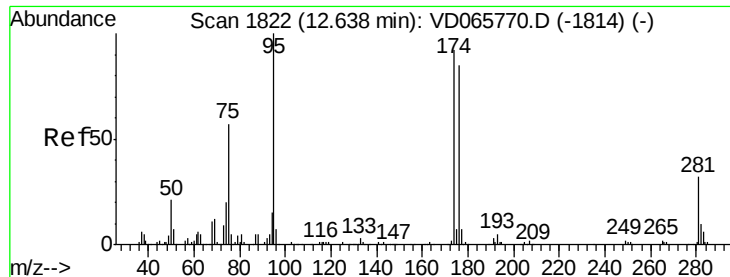
100 63.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

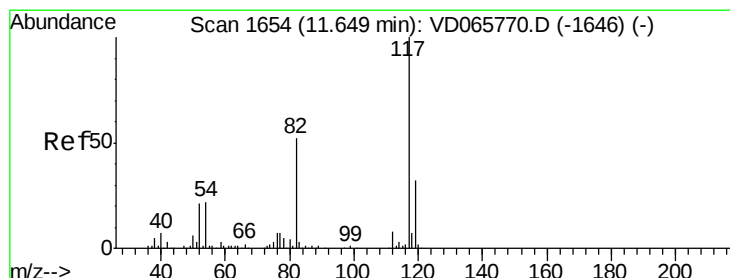
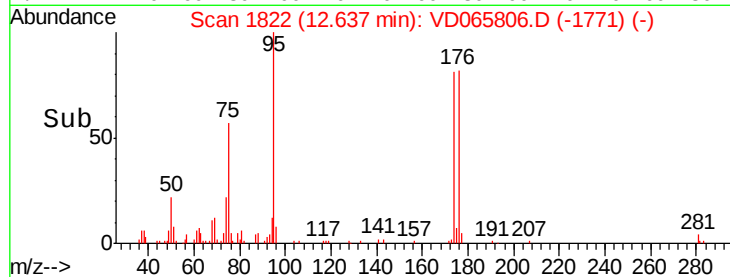
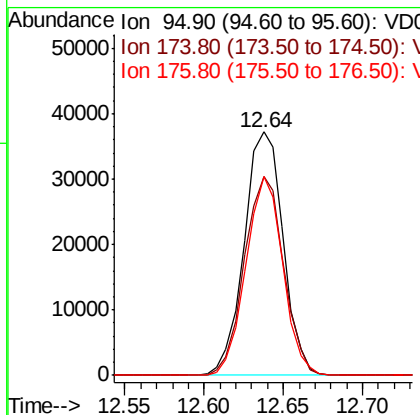
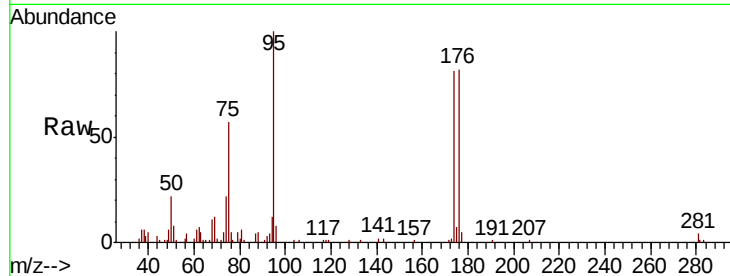




#62
4-Bromofluorobenzene
Concen: 31.704 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065806.D
Acq: 18 Jun 2020 14:19

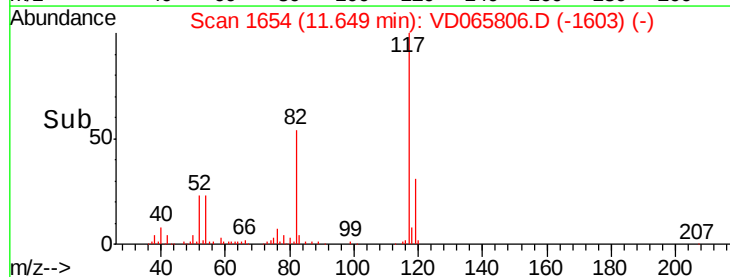
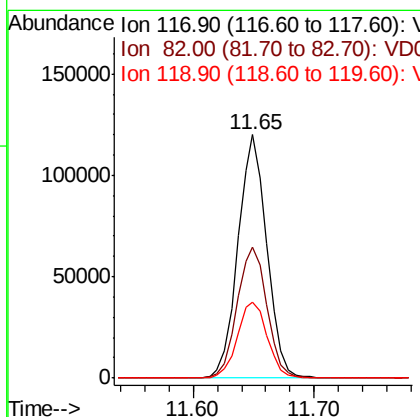
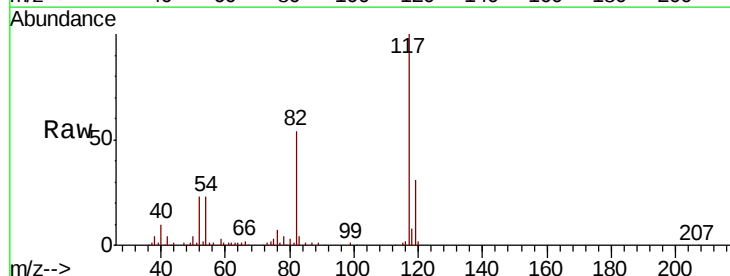
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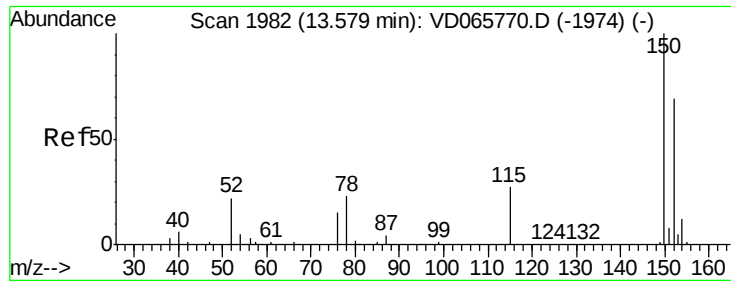
Tot Ion: 95 Resp: 63559
Ion Ratio Lower Upper
95 100
174 82.1 0.0 175.2
176 77.4 0.0 163.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065806.D
Acq: 18 Jun 2020 14:19

Tgt Ion: 117 Resp: 199662
Ion Ratio Lower Upper
117 100
82 53.6 41.9 62.9
119 31.4 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065806.D

Acq: 18 Jun 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

NB-08-061620RE

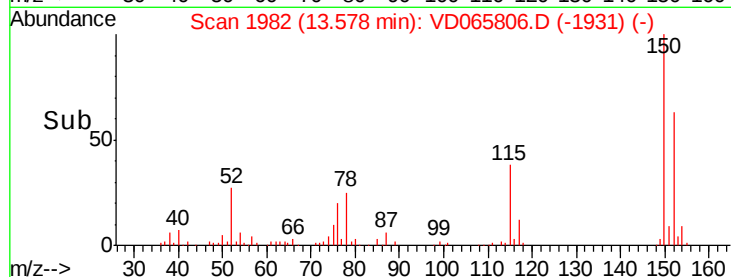
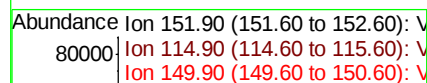
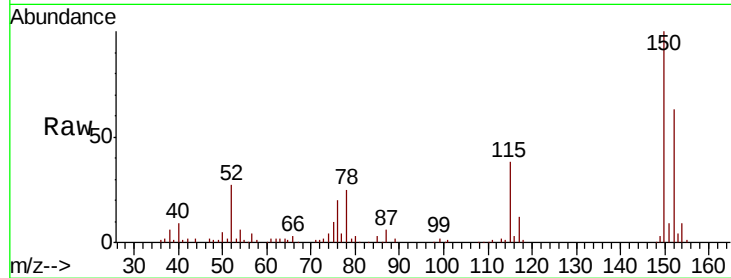
Tot Ion:152 Resp: 61470

Ion Ratio Lower Upper

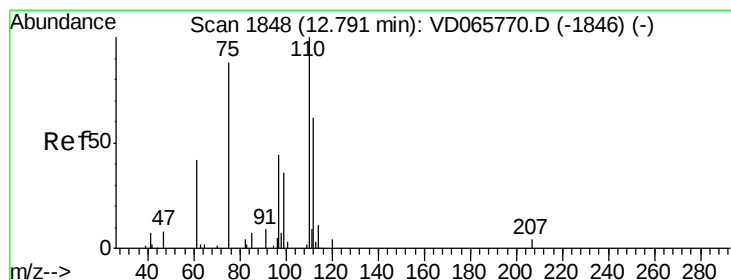
152 100

115 58.8 28.7 86.1

150 160.4 0.0 348.0



Time-->



#76

1,2,3-Trichloropropane

Concen: 75.662 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065806.D

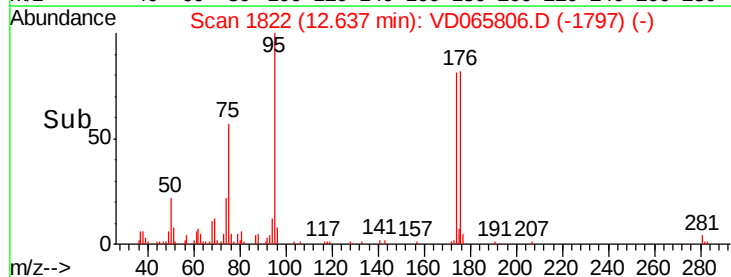
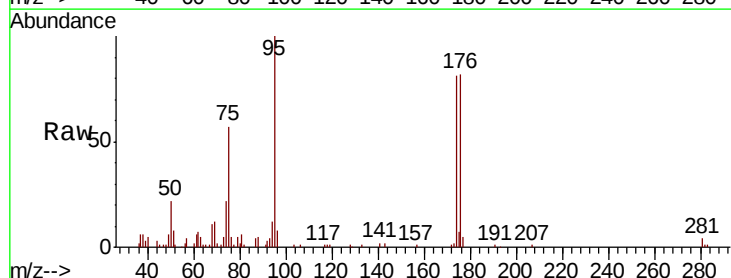
Acq: 18 Jun 2020 14:19

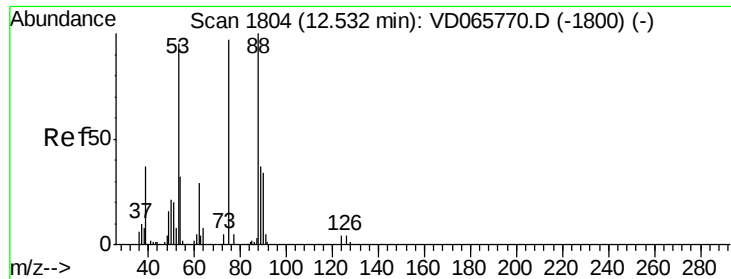
Tgt Ion: 75 Resp: 36171

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 163.477 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065806.D

Acq: 18 Jun 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

NB-08-061620RE

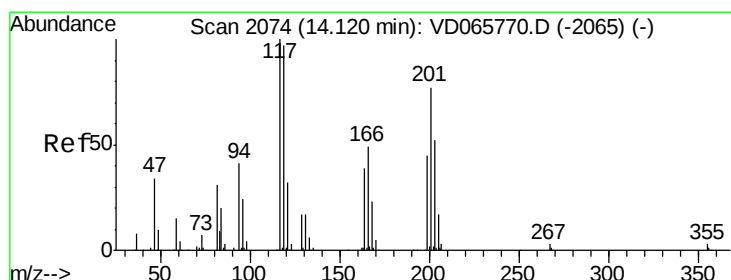
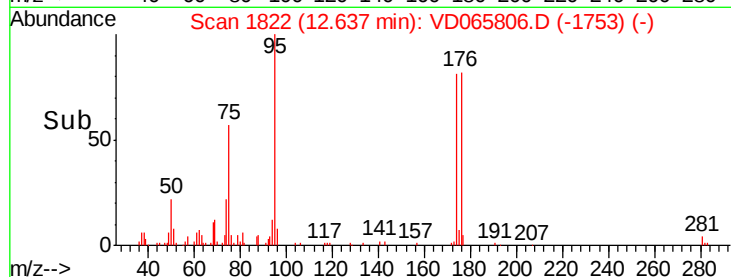
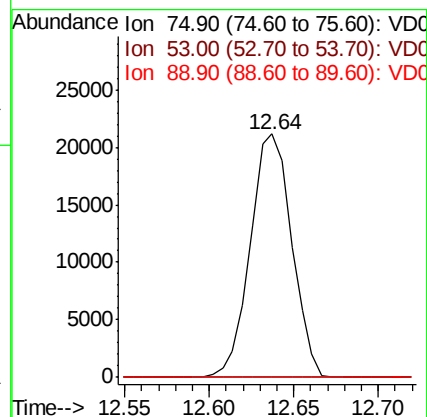
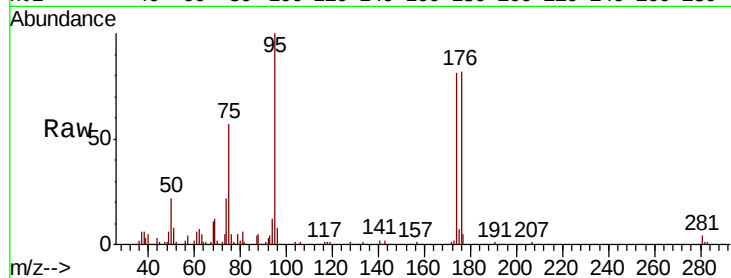
Tot Ion: 75 Resp: 36171

Ion Ratio Lower Upper

75 100

53 0.0 82.6 123.8#

89 0.0 35.9 53.9#



#90

Hexachloroethane

Concen: 2.281 ug/l

RT: 14.13 min Scan# 2076

Delta R.T. 0.01 min

Lab File: VD065806.D

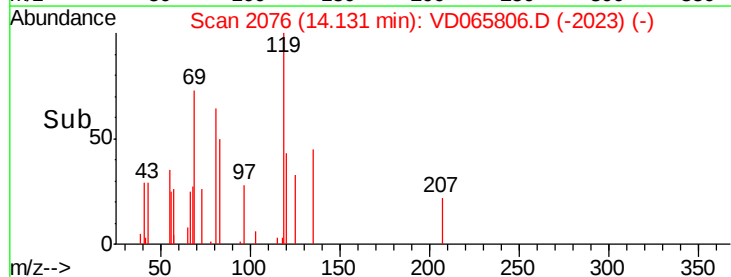
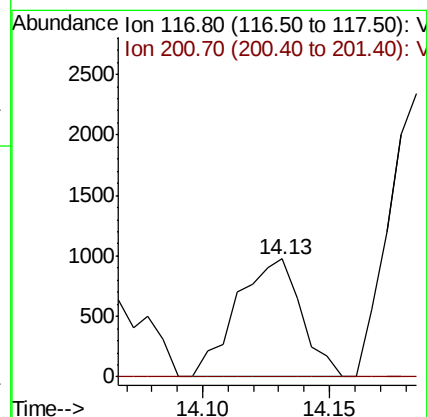
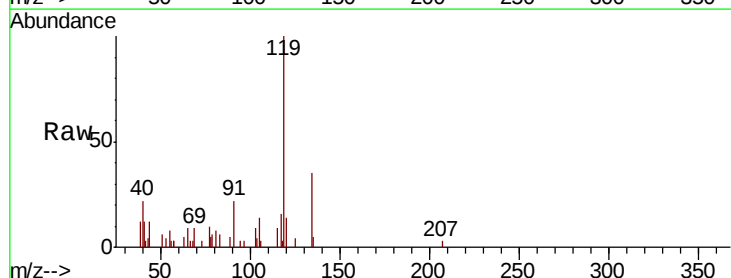
Acq: 18 Jun 2020 14:19

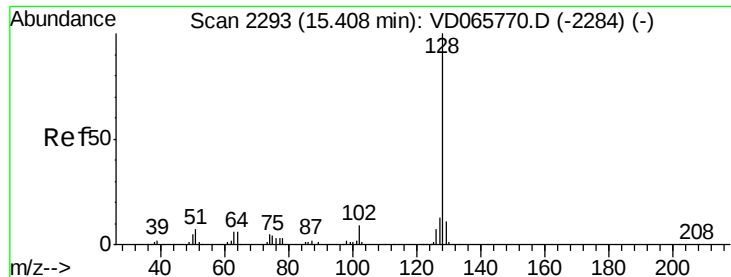
Tgt Ion: 117 Resp: 1733

Ion Ratio Lower Upper

117 100

201 0.0 37.1 111.5#

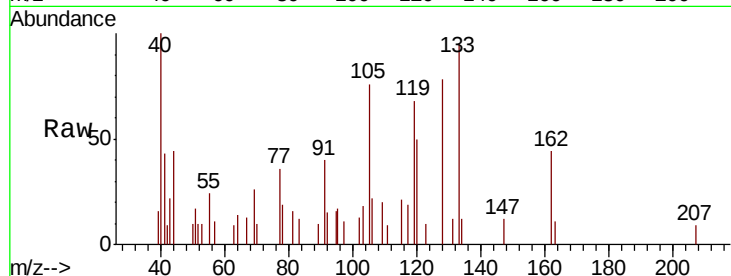




#95
Naphthalene
Concen: 1.576 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065806.D
Acq: 18 Jun 2020 14:19

Instrument :
MSVOA_D
ClientSampleId :
NB-08-061620RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	8.0	8.6	12.8#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

