

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057258.D
 Acq On : 13 Aug 2019 20:13
 Operator : JC/SP
 Sample : K4277-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-22

Quant Time: Aug 14 06:33:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 06:25:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1451816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2013557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1649996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	397285	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	657037	44.86	ug/l	0.00
Spiked Amount			Recovery	=	89.72%	
35) Dibromofluoromethane	7.58	113	607794	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
50) Toluene-d8	10.09	98	2319986	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	606684	37.72	ug/l	0.00
Spiked Amount			Recovery	=	75.44%	

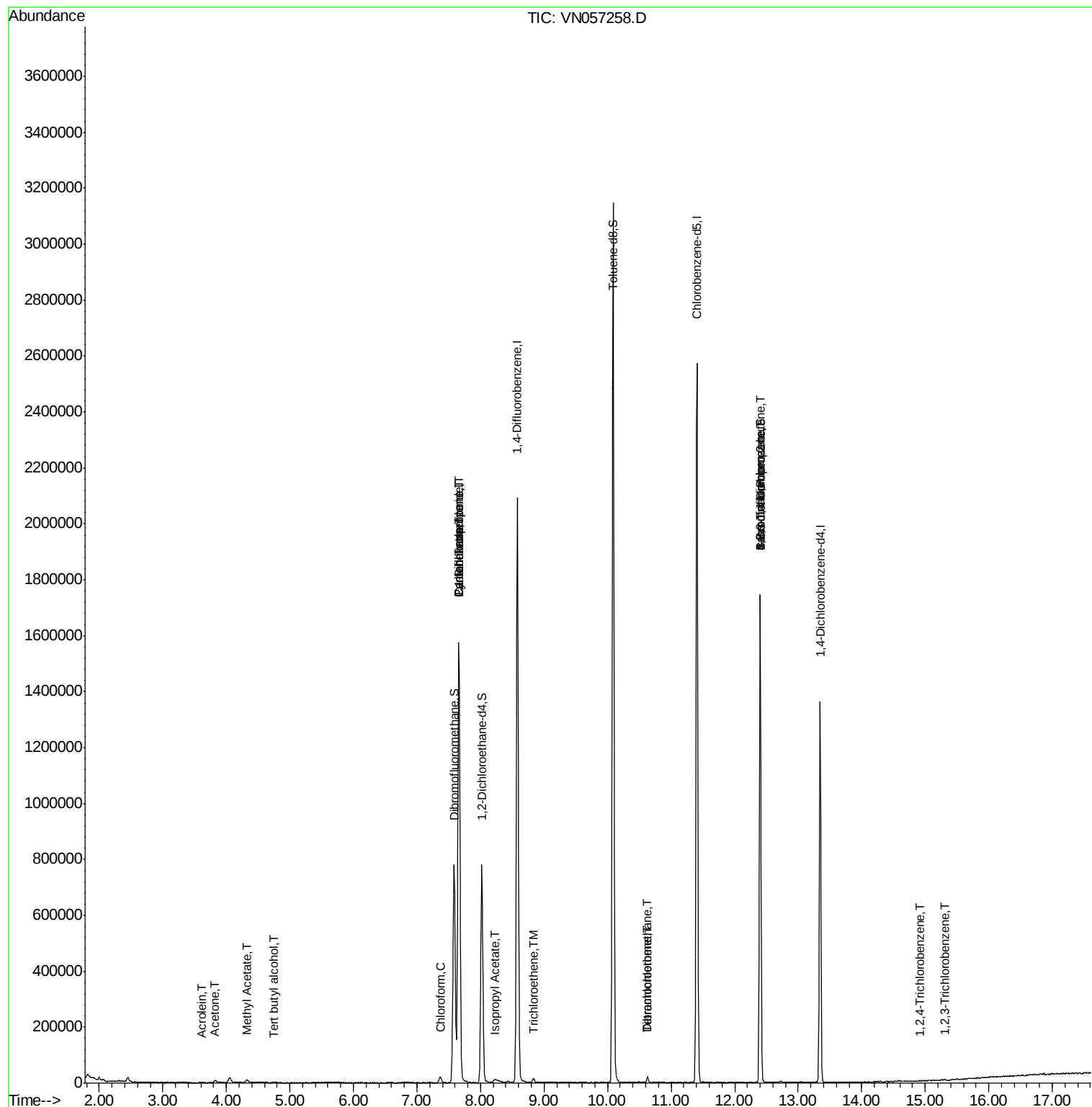
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.75	59	457	0.232	ug/l #	87
13) Acrolein	3.62	56	345	0.244	ug/l #	55
16) Acetone	3.81	43	3251	0.647	ug/l	90
18) Methyl Acetate	4.32	43	18815	0.297	ug/l	96
30) Chloroform	7.36	83	22318	0.900	ug/l	99
31) Cyclohexane	7.66	56	21002	1.012	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	86653	4.922	ug/l #	48
38) Carbon Tetrachloride	7.66	117	121056	6.473	ug/l #	16
43) Isopropyl Acetate	8.24	43	13160	0.565	ug/l #	52
44) Trichloroethene	8.83	130	6257	0.404	ug/l	78
60) Dibromochloromethane	10.63	129	5129	0.352	ug/l #	11
64) Tetrachloroethene	10.63	164	5157	0.354	ug/l	90
71) Bromoform	12.40	173	3232	0.324	ug/l #	1
73) Isopropylbenzene	12.26	105	911	Below Cal		96
74) N-amyl acetate	12.05	43	298	Below Cal	#	40
75) 1,1,2,2-Tetrachloroethane	12.41	83	289	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	275100	38.765	ug/l #	100
77) Bromobenzene	12.41	156	150	Below Cal	#	1
78) n-propylbenzene	12.59	91	1498	Below Cal		85
79) 2-Chlorotoluene	12.68	91	852	Below Cal		71
80) 1,3,5-Trimethylbenzene	12.73	105	1411	Below Cal		68
81) trans-1,4-Dichloro-2-buten	12.40	75	275100	93.009	ug/l #	16
83) tert-Butylbenzene	12.99	119	557	Below Cal	#	83
85) sec-Butylbenzene	13.17	105	1024	Below Cal		79
90) Hexachloroethane	13.98	117	34	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.92	180	759	3.381	ug/l	93
94) Hexachlorobutadiene	15.01	225	622	Below Cal	#	68
96) 1,2,3-Trichlorobenzene	15.30	180	1182	4.467	ug/l	92

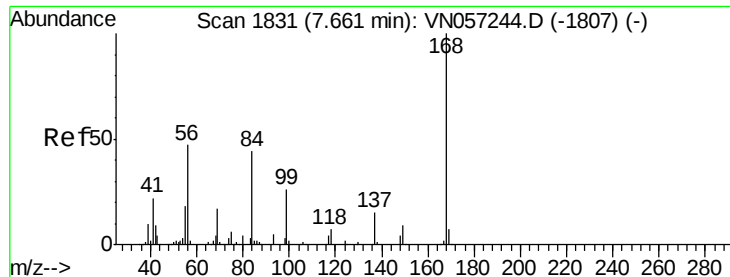
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 14 06:25:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

Instrument :

MSVOA_N

ClientSampleId :

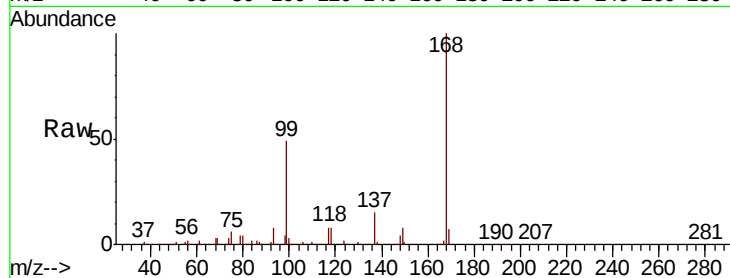
TP-22

Tgt Ion:168 Resp: 1451816

Ion Ratio Lower Upper

168 100

99 48.9 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): VN057244.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN057244.D (-1807) (-)

7.66

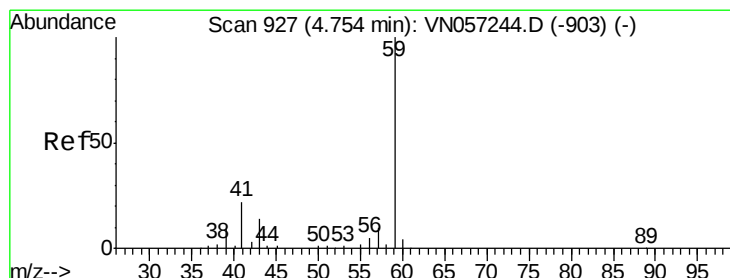
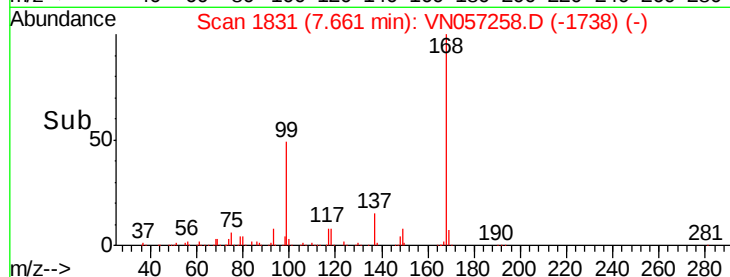
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.232 ug/l

RT: 4.75 min Scan# 926

Delta R.T. -0.00 min

Lab File: VN057258.D

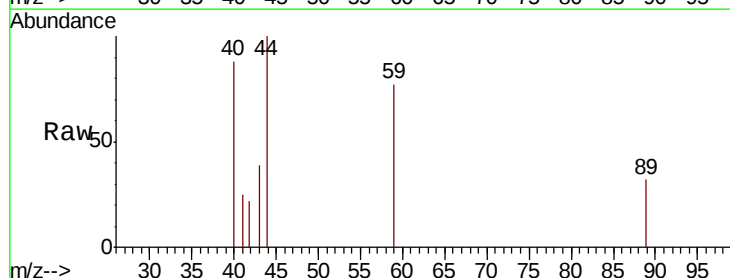
Acq: 13 Aug 2019 20:13

Tgt Ion: 59 Resp: 457

Ion Ratio Lower Upper

59 100

57 0.0 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VN057244.D (-903) (-)

Ion 57.00 (56.70 to 57.70): VN057244.D (-903) (-)

4.75

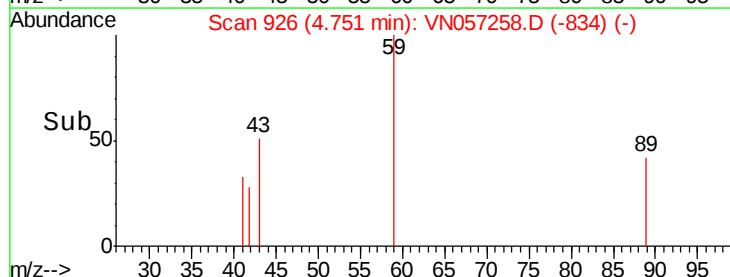
600

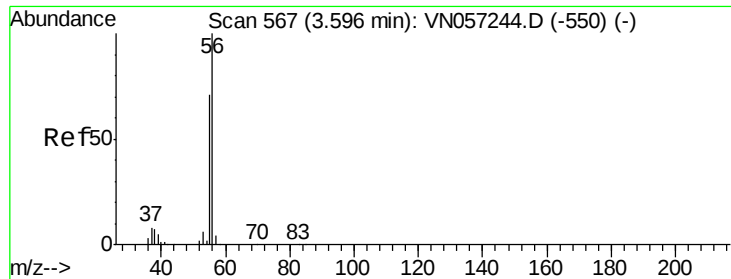
400

200

0

Time--> 4.72 4.74 4.76





#13

Acrolein

Concen: 0.244 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.02 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

Instrument :

MSVOA_N

ClientSampled :

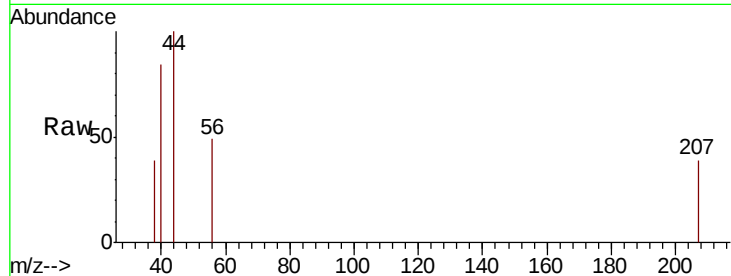
TP-22

Tgt Ion: 56 Resp: 345

Ion Ratio Lower Upper

56 100

55 33.3 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

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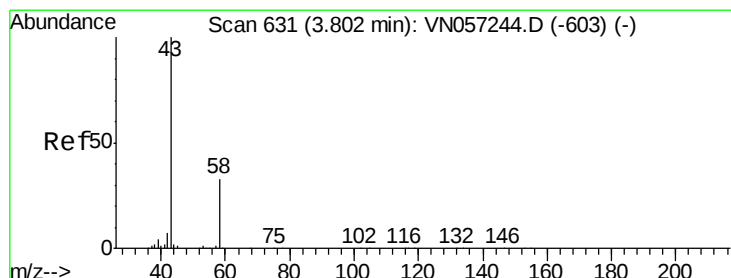
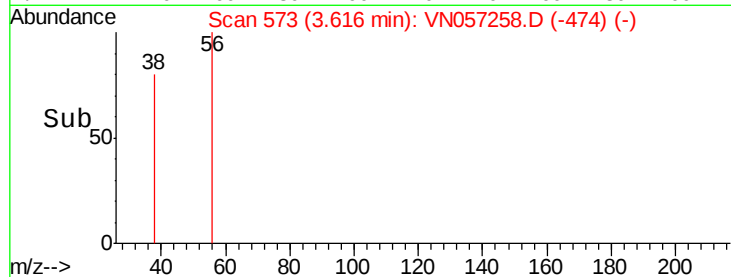
3.63

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3.63



#16

Acetone

Concen: 0.647 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057258.D

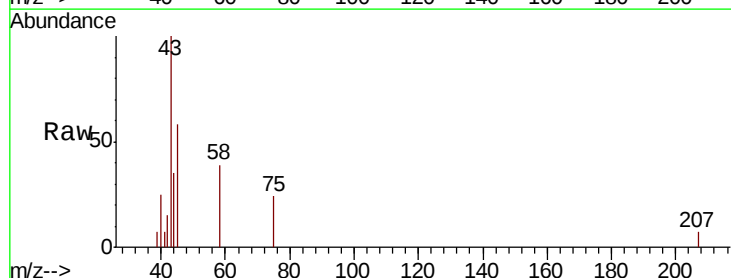
Acq: 13 Aug 2019 20:13

Tgt Ion: 43 Resp: 3251

Ion Ratio Lower Upper

43 100

58 39.2 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

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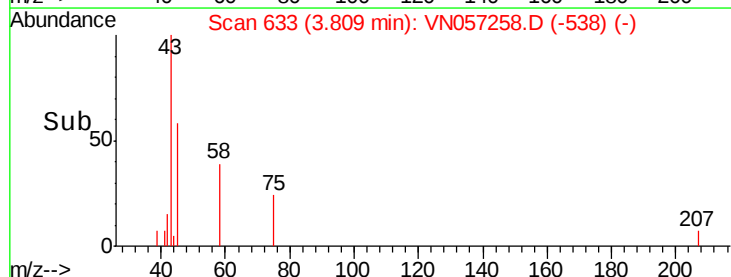
3.81

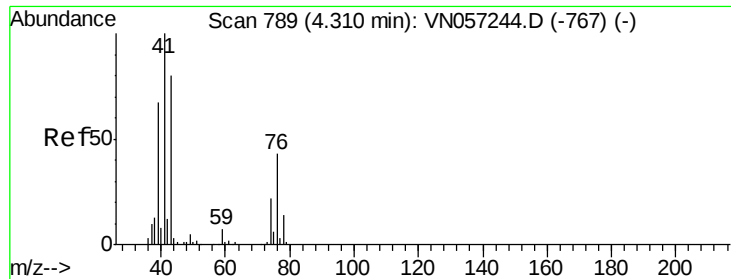
3.81

3.81

3.81

3.81

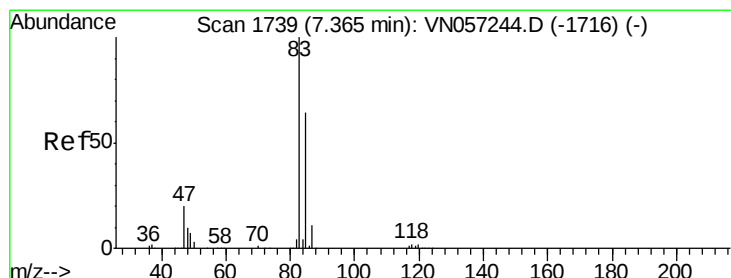
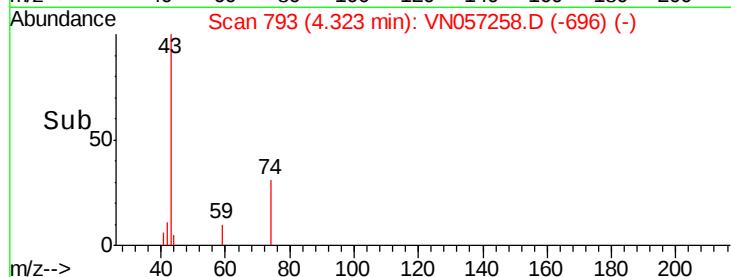
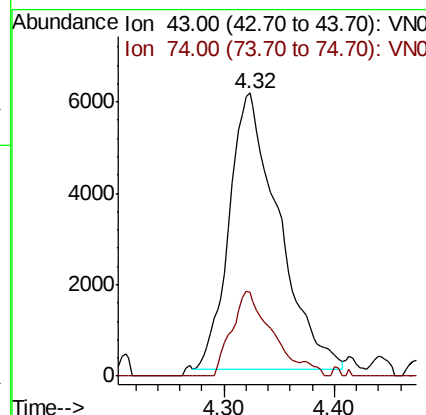
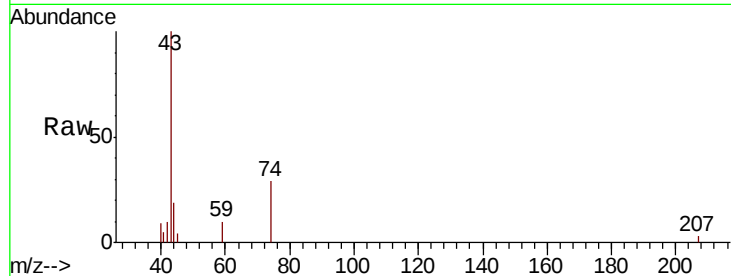




#18
Methyl Acetate
Concen: 0.297 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN057258.D
Acq: 13 Aug 2019 20:13

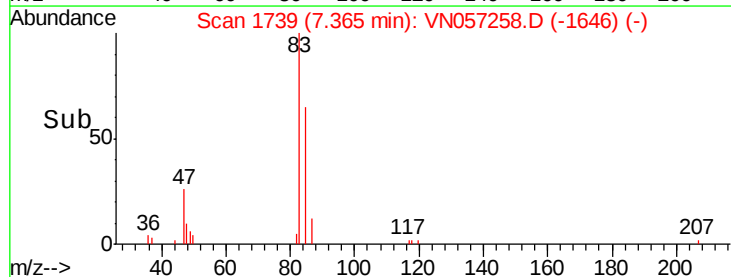
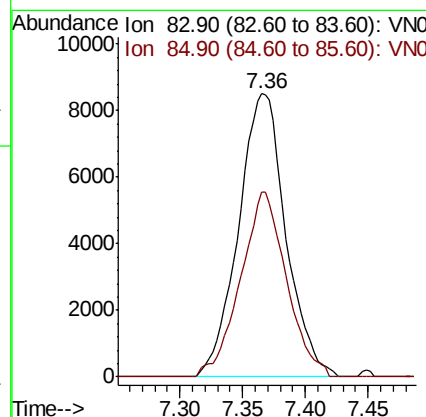
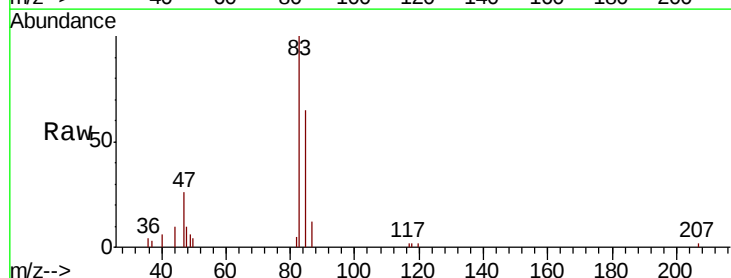
Instrument :
MSVOA_N
ClientSampled :
TP-22

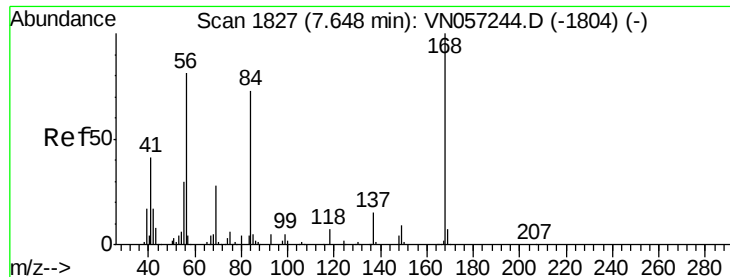
Tgt Ion: 43 Resp: 18815
Ion Ratio Lower Upper
43 100
74 24.0 20.6 31.0



#30
Chloroform
Concen: 0.900 ug/l
RT: 7.36 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN057258.D
Acq: 13 Aug 2019 20:13

Tgt Ion: 83 Resp: 22318
Ion Ratio Lower Upper
83 100
85 65.2 51.3 76.9

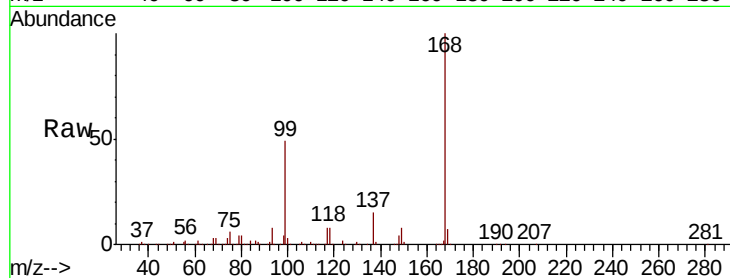




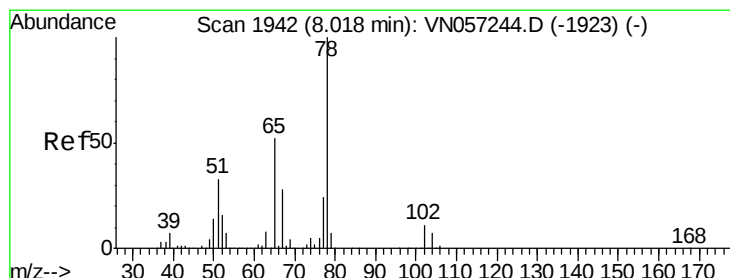
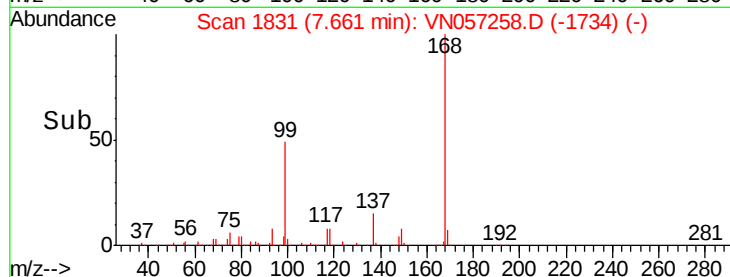
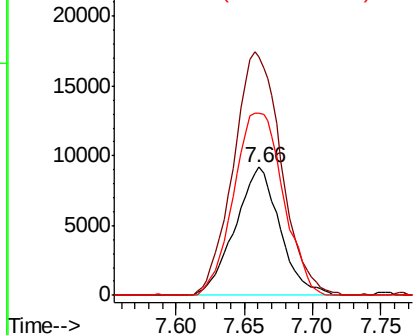
#31
Cyclohexane
Concen: 1.012 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN057258.D
Acq: 13 Aug 2019 20:13

Instrument :
MSVOA_N
ClientSampleId :
TP-22

Tgt Ion: 56 Resp: 21002
Ion Ratio Lower Upper
56 100
69 186.0 27.8 41.8#
84 141.9 72.0 108.0#

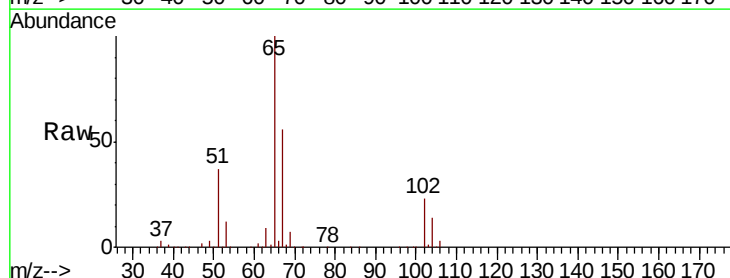


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

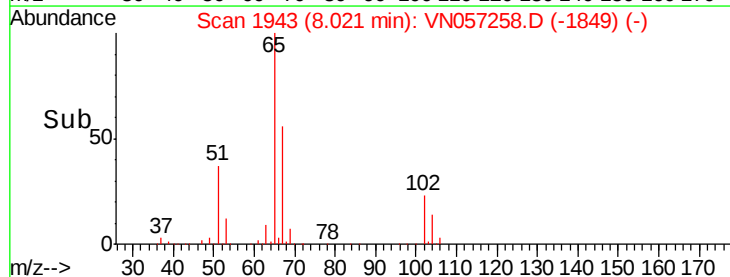
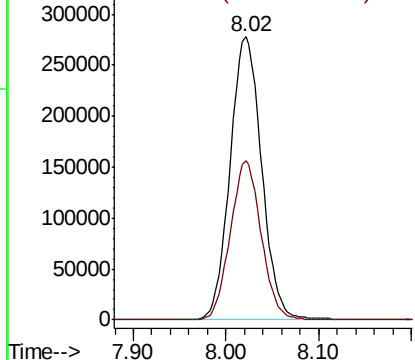


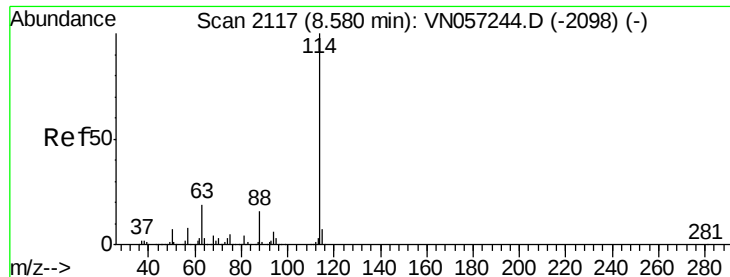
#33
1,2-Dichloroethane-d4
Concen: 44.863 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN057258.D
Acq: 13 Aug 2019 20:13

Tgt Ion: 65 Resp: 657037
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

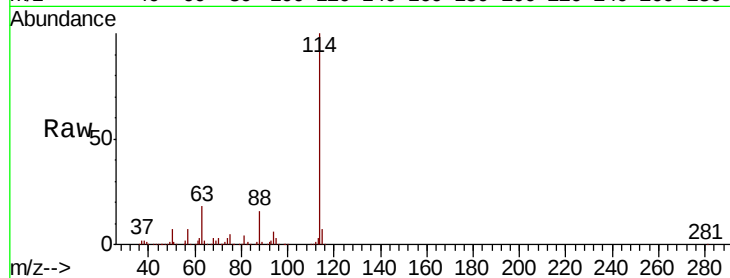




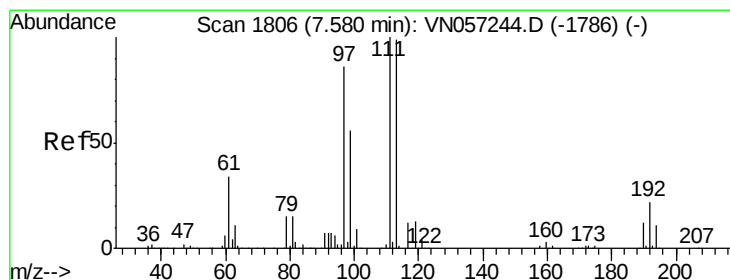
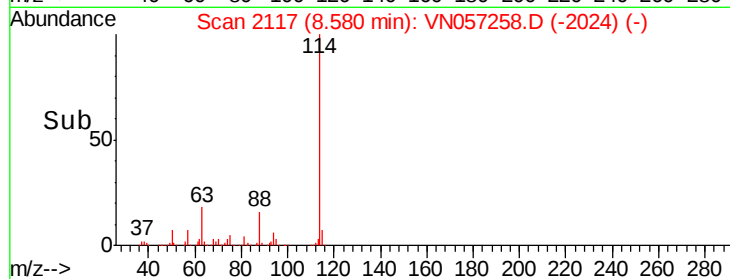
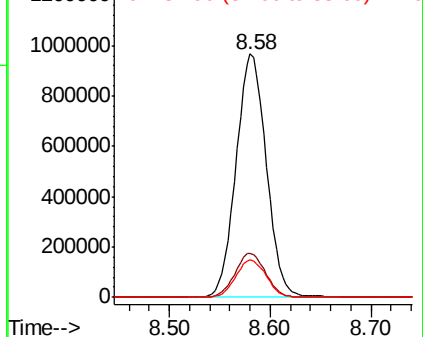
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057258.D
 Acq: 13 Aug 2019 20:13

Instrument :
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Tgt Ion:114 Resp: 2013557
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.0
 88 15.6 0.0 31.0

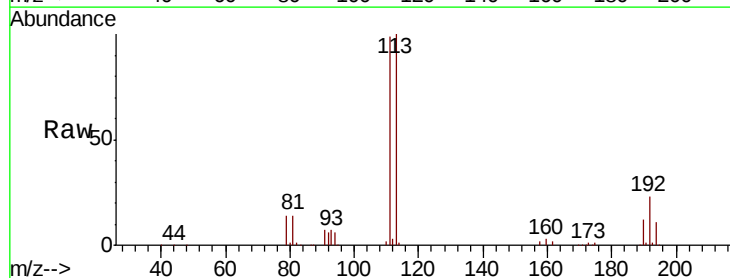


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

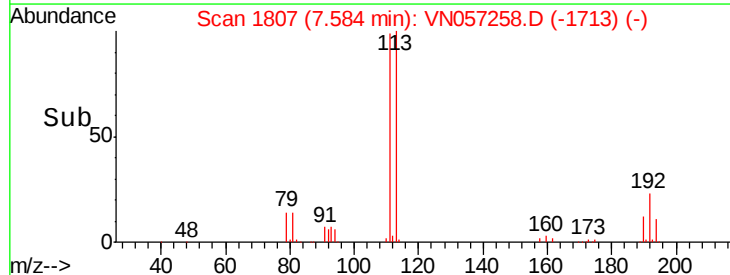
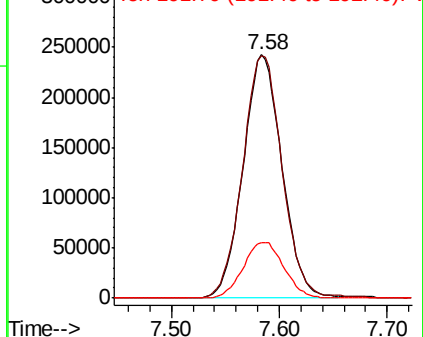


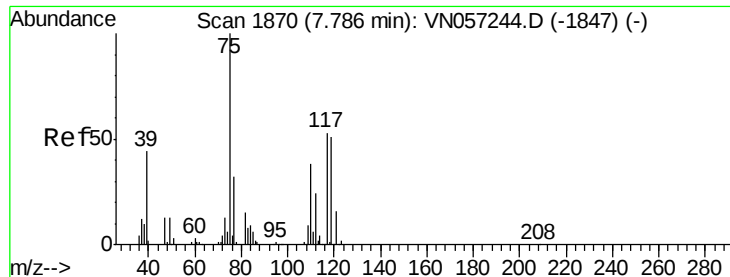
#35
 Dibromofluoromethane
 Concen: 47.274 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057258.D
 Acq: 13 Aug 2019 20:13

Tgt Ion:113 Resp: 607794
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.2
 192 24.1 18.8 28.2



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: 4.922 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

Instrument :

MSVOA_N

ClientSampleId :

TP-22

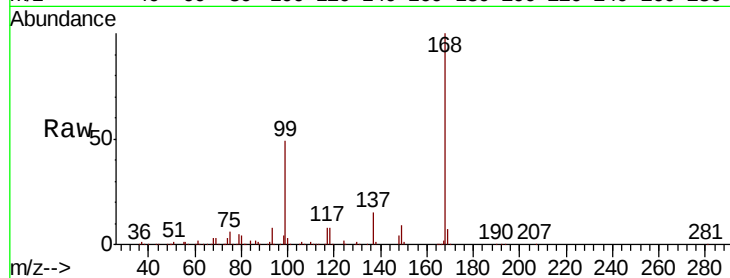
Tgt Ion: 75 Resp: 86653

Ion Ratio Lower Upper

75 100

110 8.6 19.1 57.1#

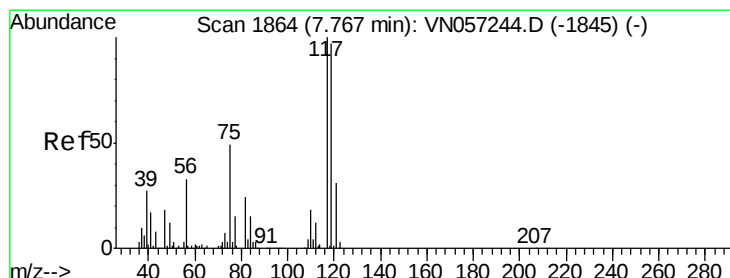
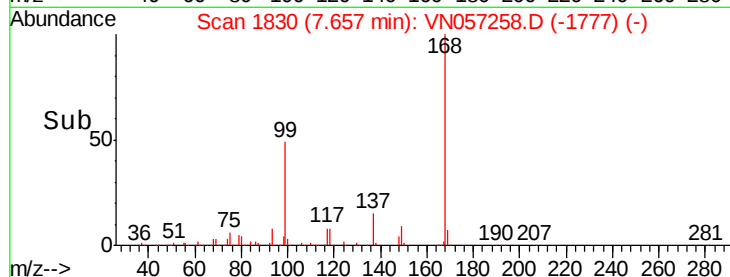
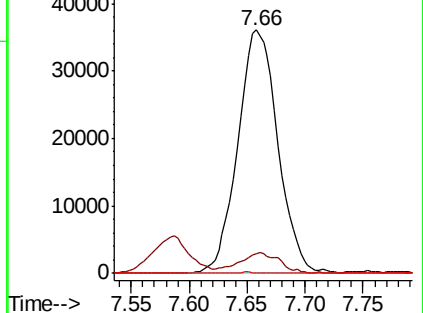
77 0.1 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VN057244.D (-1847) (-)

Ion 109.90 (109.60 to 110.60): VN057244.D (-1847) (-)

Ion 76.90 (76.60 to 77.60): VN057244.D (-1847) (-)



#38

Carbon Tetrachloride

Concen: 6.473 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

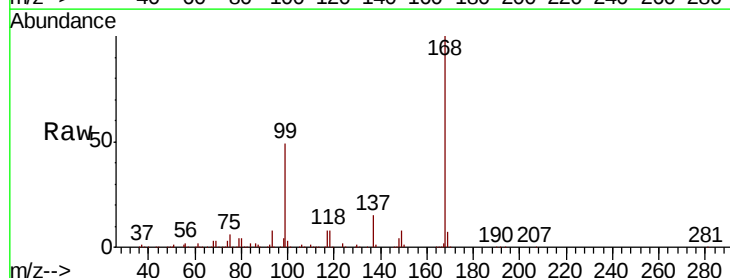
Tgt Ion: 117 Resp: 121056

Ion Ratio Lower Upper

117 100

119 5.3 77.8 116.6#

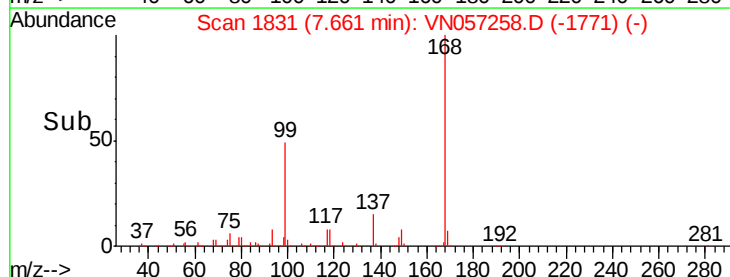
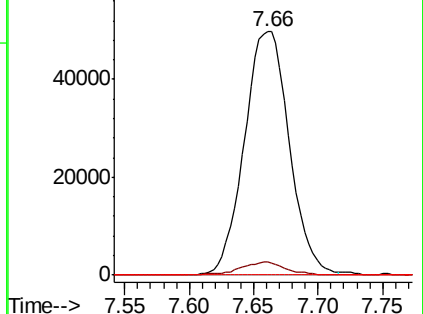
121 0.0 24.9 37.3#

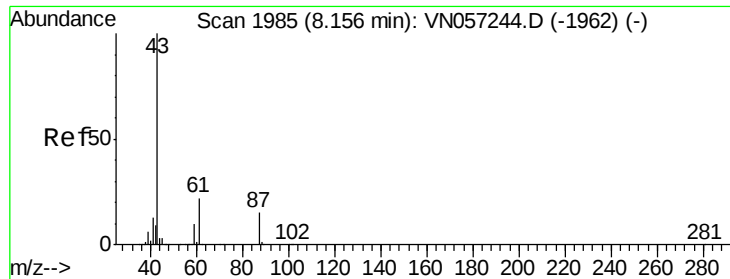


Abundance Ion 116.80 (116.50 to 117.50): VN057244.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN057244.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN057244.D (-1845) (-)





#43

Isopropyl Acetate

Concen: 0.565 ug/l

RT: 8.24 min Scan# 2010

Delta R.T. 0.08 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

Instrument :

MSVOA_N

ClientSampleId :

TP-22

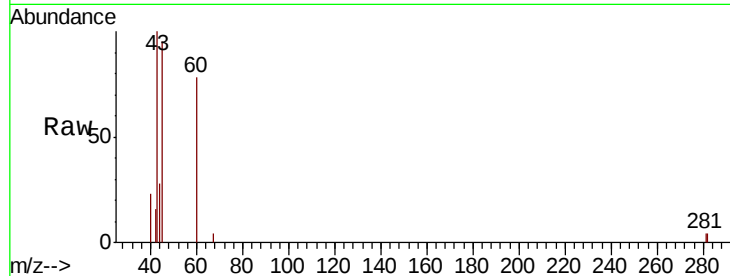
Tgt Ion: 43 Resp: 13160

Ion Ratio Lower Upper

43 100

61 0.0 23.5 35.3#

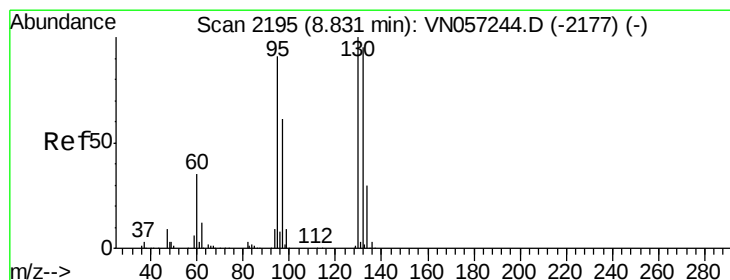
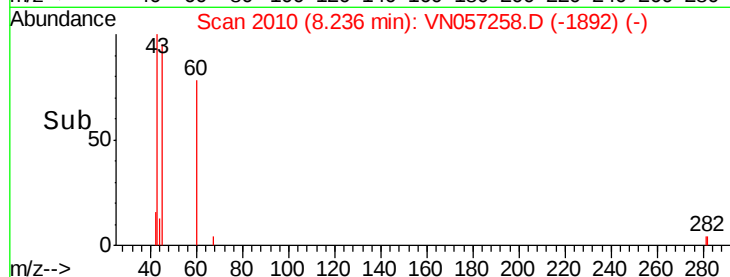
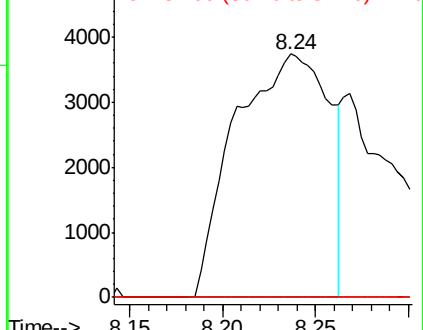
87 0.0 12.1 18.1#



Abundance Ion 43.00 (42.70 to 43.70): VN057244.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN057244.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN057244.D (-1962) (-)



#44

Trichloroethene

Concen: 0.404 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VN057258.D

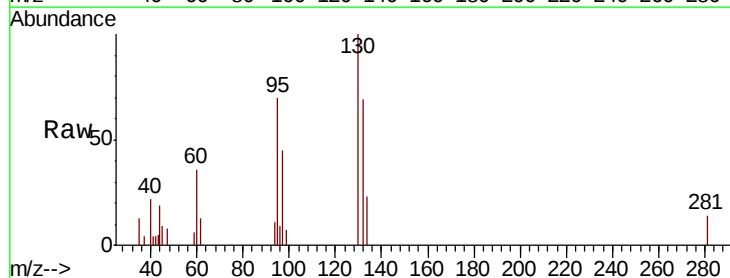
Acq: 13 Aug 2019 20:13

Tgt Ion: 130 Resp: 6257

Ion Ratio Lower Upper

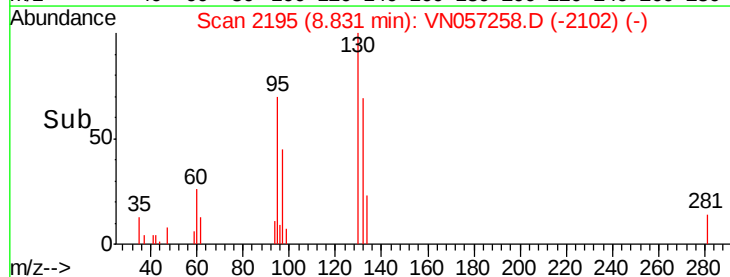
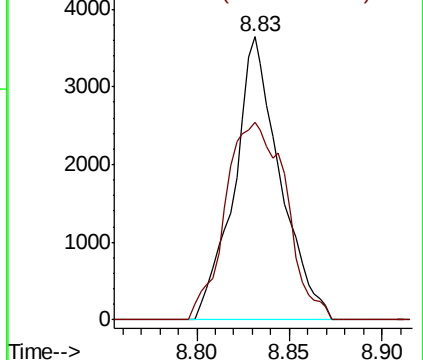
130 100

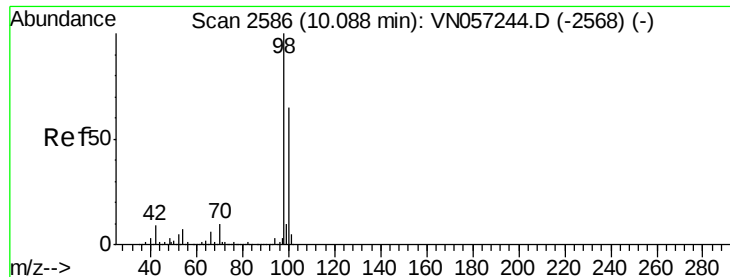
95 69.6 0.0 181.8



Abundance Ion 129.80 (129.50 to 130.50): VN057244.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057244.D (-2177) (-)





#50

Toluene-d8

Concen: 49.473 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

Instrument :

MSVOA_N

ClientSampled :

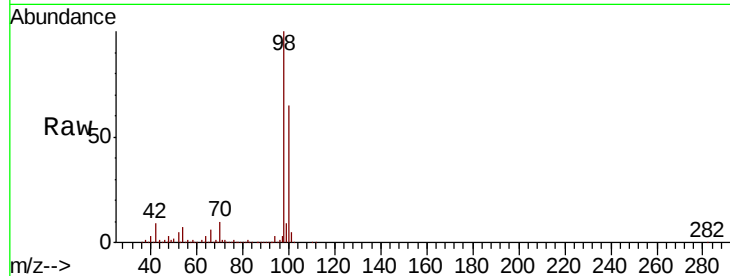
TP-22

Tgt Ion: 98 Resp: 2319986

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN057244.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN057258.D (-2493) (-)

10.09

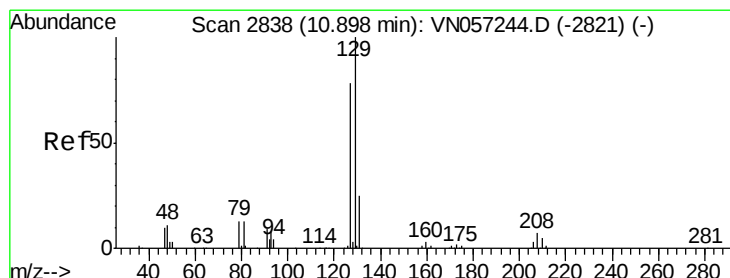
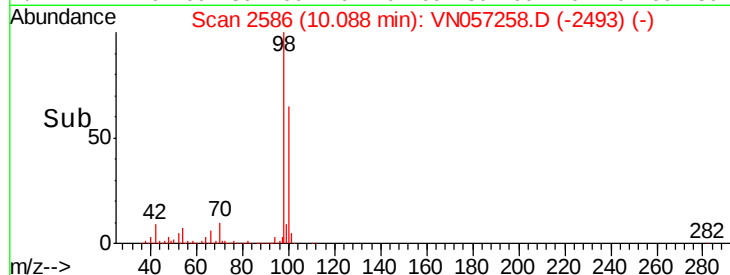
1500000

1000000

500000

0

Time-->



#60

Dibromochloromethane

Concen: 0.352 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.27 min

Lab File: VN057258.D

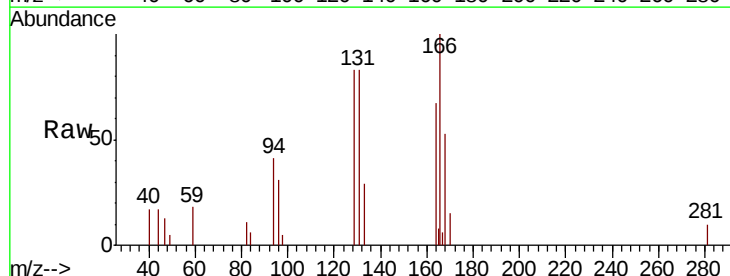
Acq: 13 Aug 2019 20:13

Tgt Ion: 129 Resp: 5129

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.6#



Abundance Ion 128.80 (128.50 to 129.50): VN057244.D (-2821) (-)

Ion 126.80 (126.50 to 127.50): VN057258.D (-2745) (-)

10.63

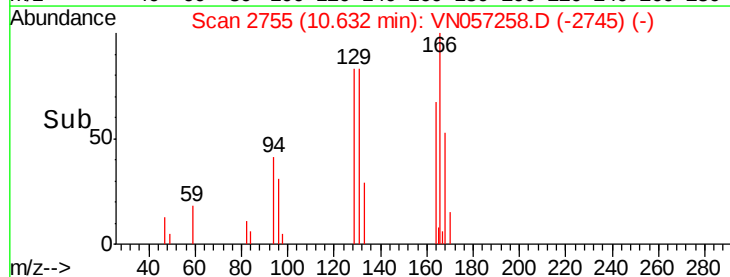
3000

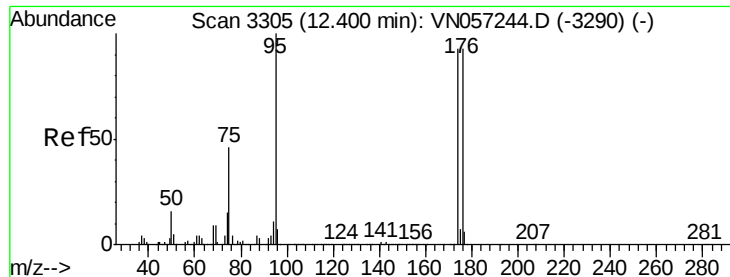
2000

1000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 37.724 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

Instrument :

MSVOA_N

ClientSampleId :

TP-22

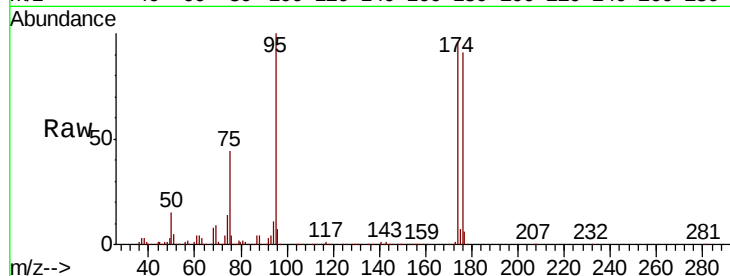
Tgt Ion: 95 Resp: 606684

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.6

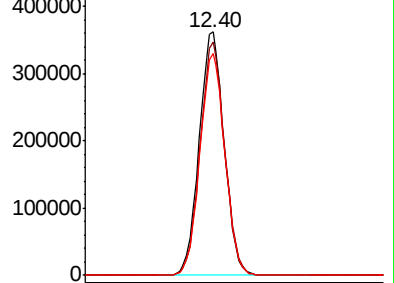
176 91.4 0.0 185.8



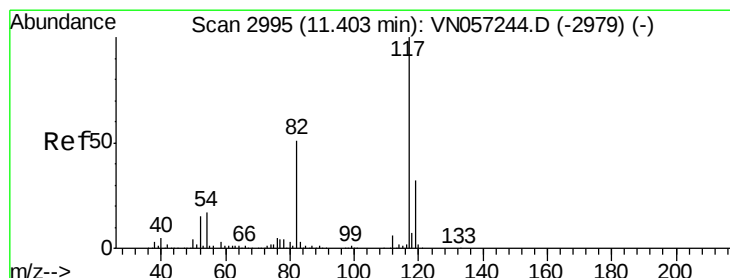
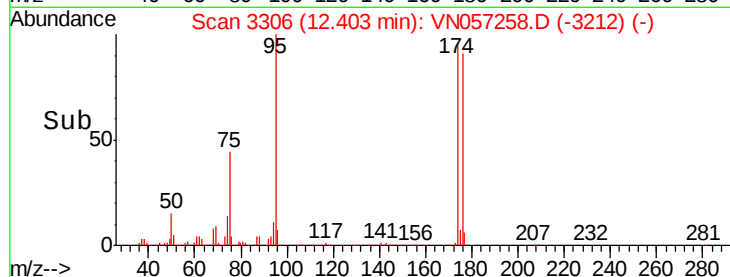
Abundance Ion 94.90 (94.60 to 95.60): VN057244.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057244.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057244.D (-3290) (-)



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

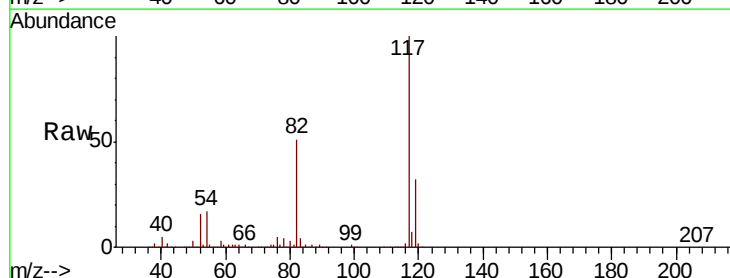
Tgt Ion: 117 Resp: 1649996

Ion Ratio Lower Upper

117 100

82 50.8 40.9 61.3

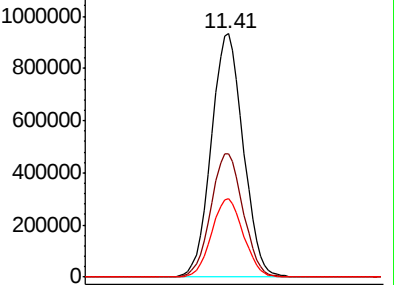
119 32.1 25.4 38.2



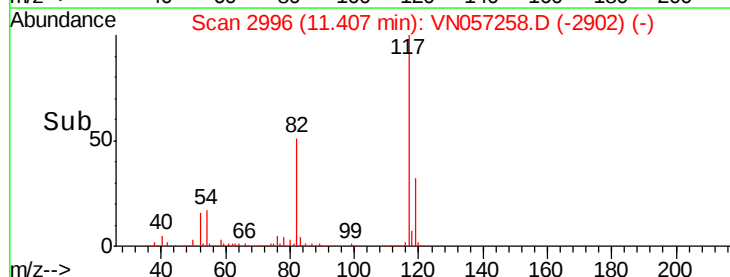
Abundance Ion 116.90 (116.60 to 117.60): VN057244.D (-2979) (-)

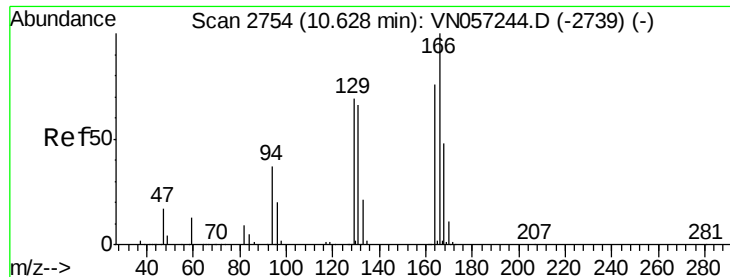
Ion 82.00 (81.70 to 82.70): VN057244.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN057244.D (-2979) (-)



Time--> 11.30 11.40 11.50





#64

Tetrachloroethene

Concen: 0.354 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. -0.00 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

Instrument :

MSVOA_N

ClientSampleId :

TP-22

Tgt Ion:164 Resp: 5157

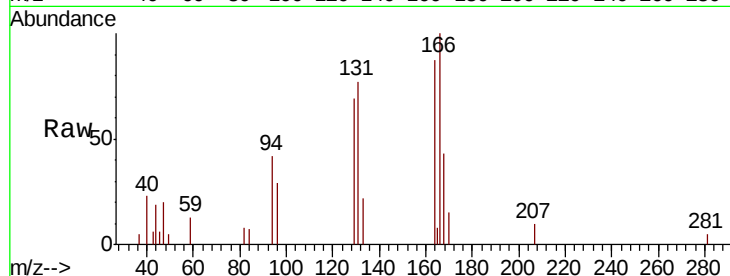
Ion Ratio Lower Upper

164 100

166 115.5 104.9 157.3

129 79.6 71.9 107.9

131 89.2 69.1 103.7

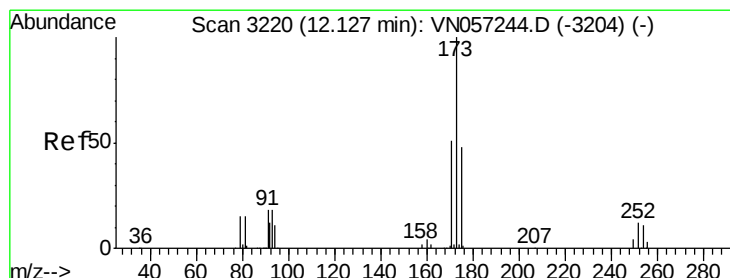
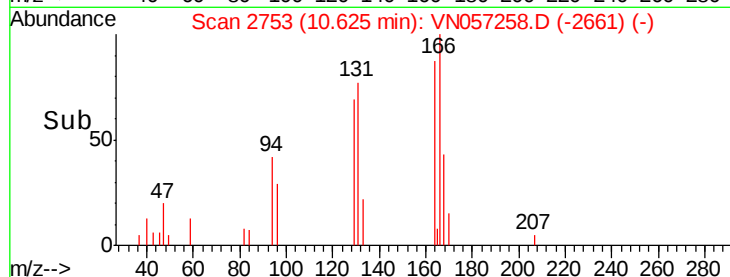
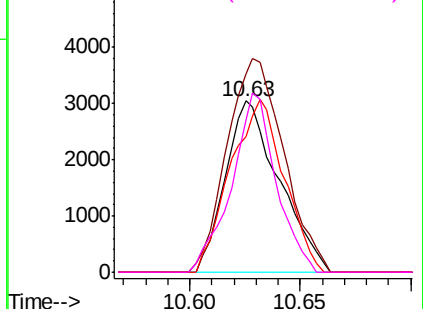


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 0.324 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

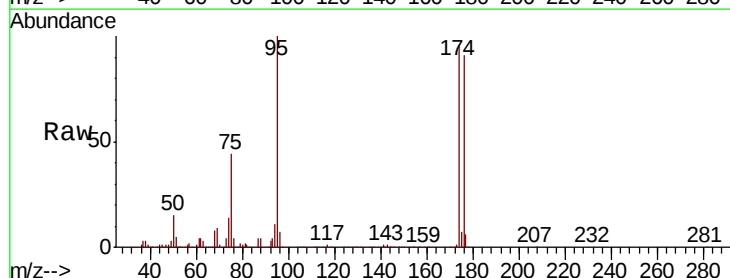
Tgt Ion:173 Resp: 3232

Ion Ratio Lower Upper

173 100

175 1095.8 24.4 73.2#

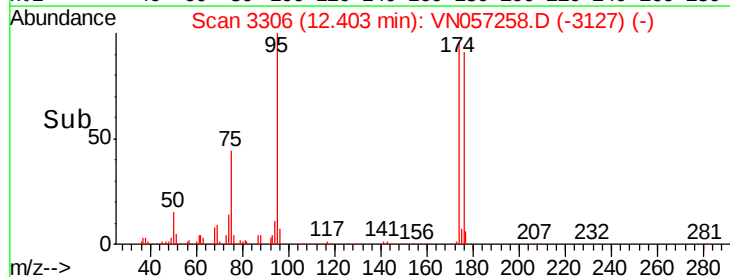
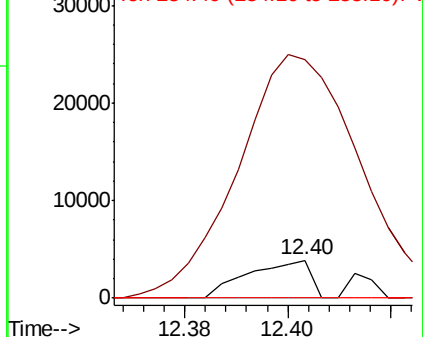
254 0.0 0.2 0.2#

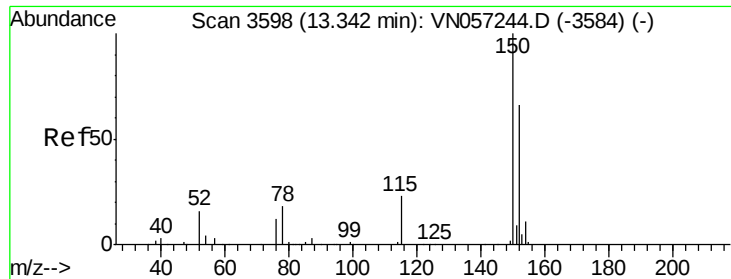


Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

Instrument :

MSVOA_N

ClientSampled :

TP-22

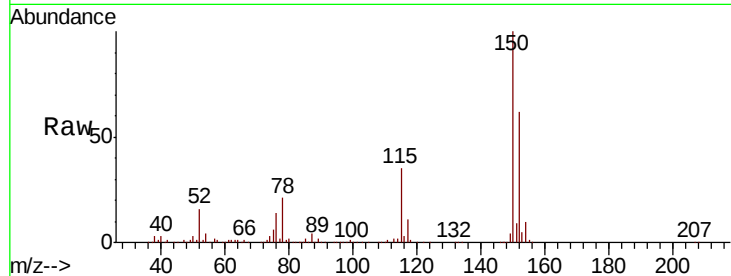
Tgt Ion:152 Resp: 397285

Ion Ratio Lower Upper

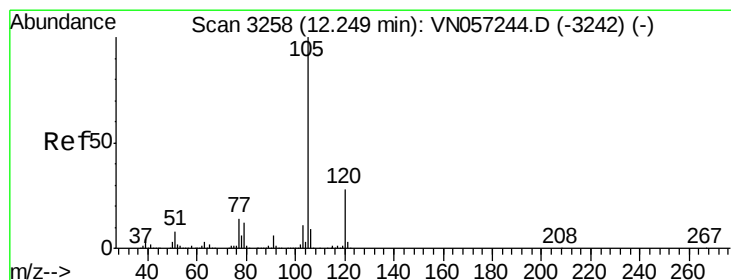
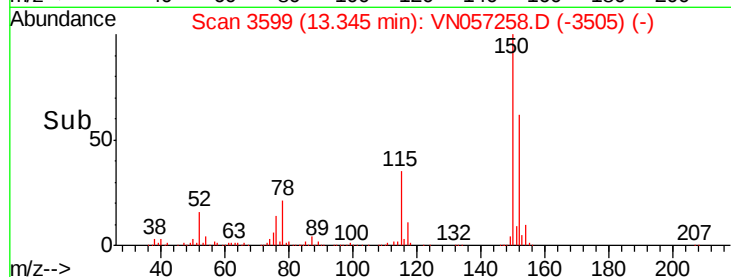
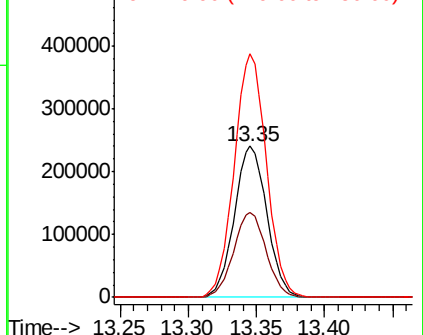
152 100

115 56.1 27.6 82.8

150 159.4 0.0 348.4



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



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN057258.D

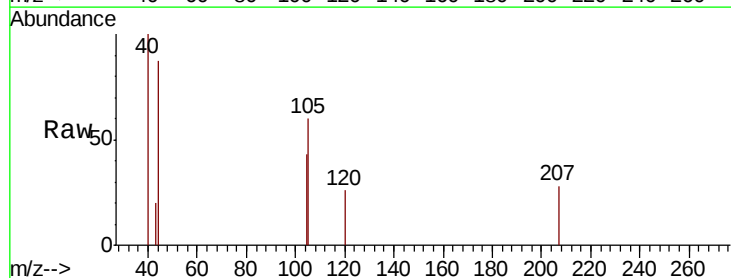
Acq: 13 Aug 2019 20:13

Tgt Ion:105 Resp: 911

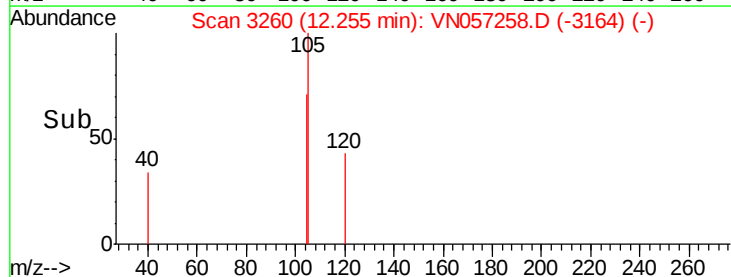
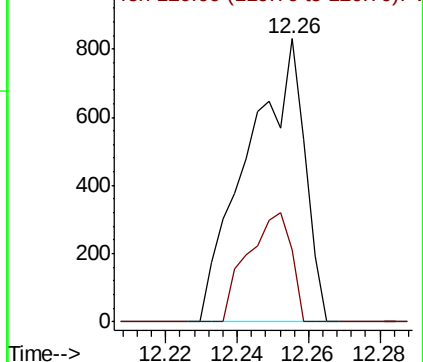
Ion Ratio Lower Upper

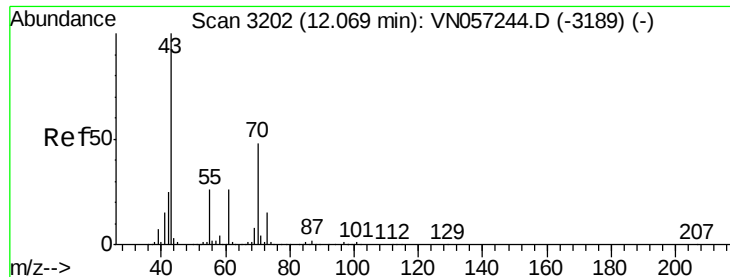
105 100

120 29.7 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: Below Cal

RT: 12.05 min Scan# 3196

Delta R.T. -0.02 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

Instrument :

MSVOA_N

ClientSampled :

TP-22

Tgt Ion: 43 Resp: 298

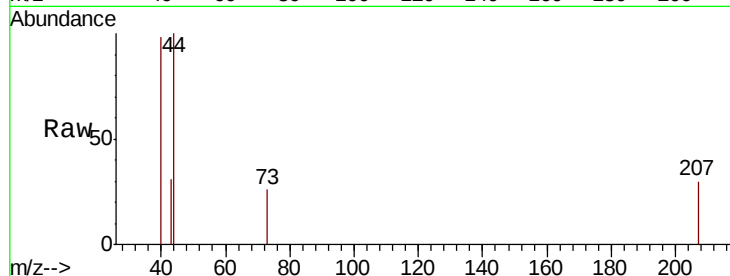
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.2#

55 0.0 21.0 31.4#

61 0.0 20.9 31.3#



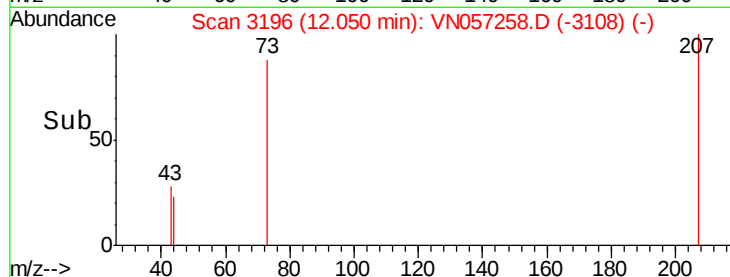
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

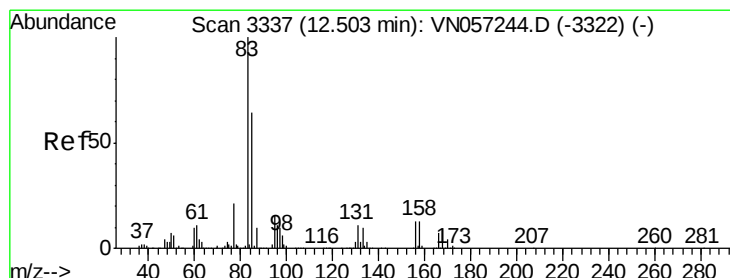
Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Time-->



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3308

Delta R.T. -0.09 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

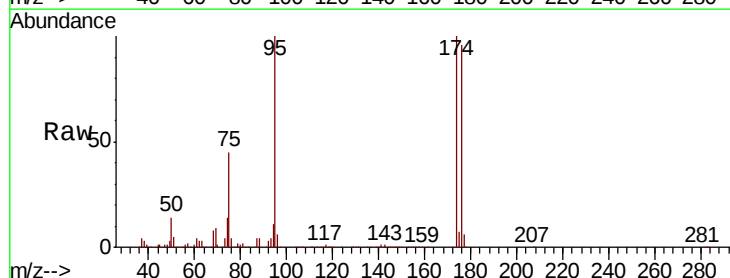
Tgt Ion: 83 Resp: 289

Ion Ratio Lower Upper

83 100

131 239.4 5.6 16.8#

85 0.0 32.3 96.8#

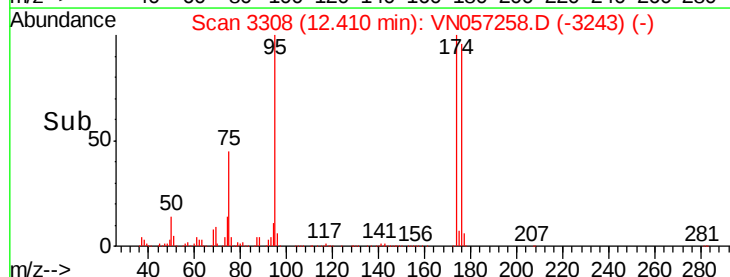


Abundance Ion 82.90 (82.60 to 83.60): VN0

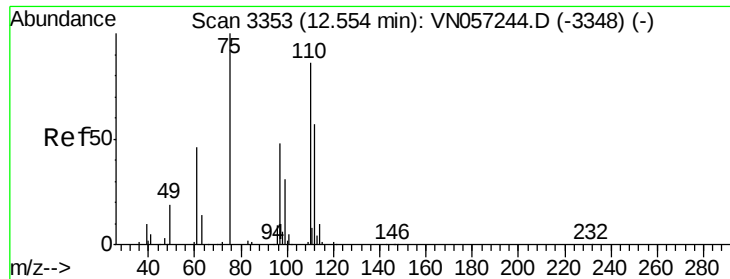
Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 38.765 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

Instrument :

MSVOA_N

ClientSampled :

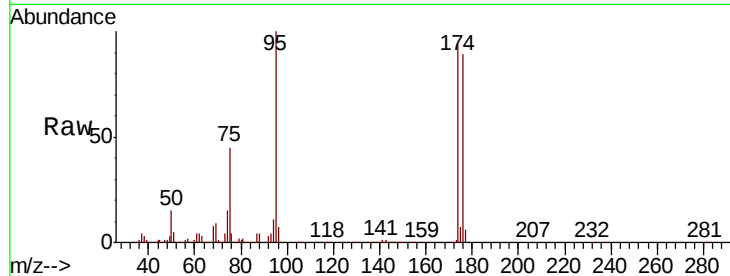
TP-22

Tgt Ion: 75 Resp: 275100

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN057244.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN057244.D (-3348) (-)

12.40

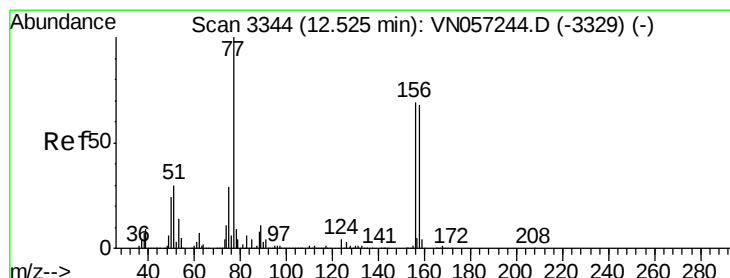
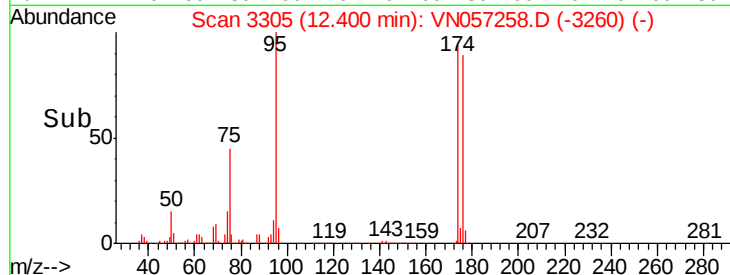
150000

100000

50000

0

Time-->



#77

Bromobenzene

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.12 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

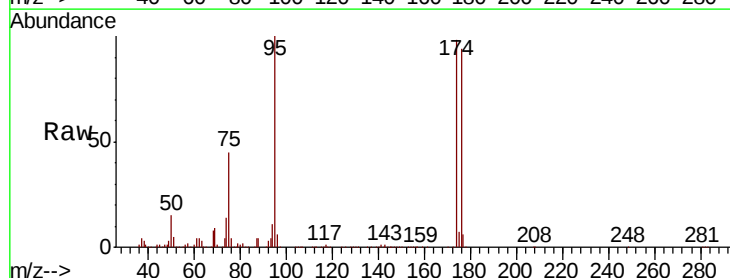
Tgt Ion: 156 Resp: 150

Ion Ratio Lower Upper

156 100

77 2093.3 88.0 264.1#

158 0.0 49.4 148.0#



Abundance Ion 155.80 (155.50 to 156.50): VN057244.D (-3329) (-)

Ion 77.00 (76.70 to 77.70): VN057244.D (-3329) (-)

Ion 157.80 (157.50 to 158.50): VN057244.D (-3329) (-)

2000

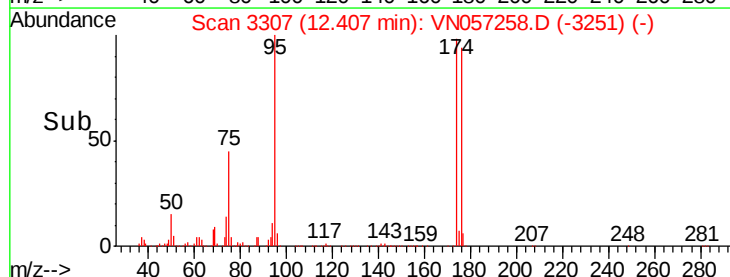
1500

1000

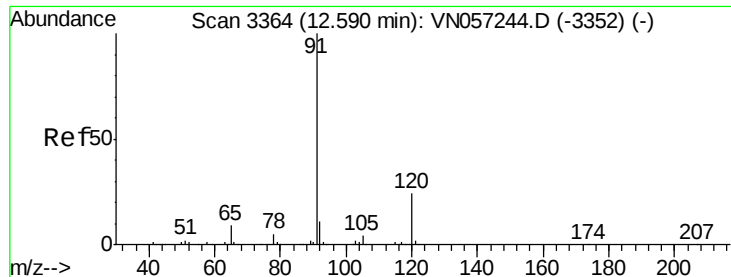
500

0

Time-->



12.41



#78

n-propylbenzene

Concen: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

Instrument :

MSVOA_N

ClientSampled :

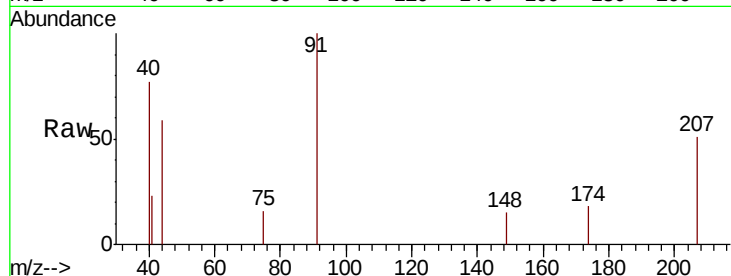
TP-22

Tgt Ion: 91 Resp: 1498

Ion Ratio Lower Upper

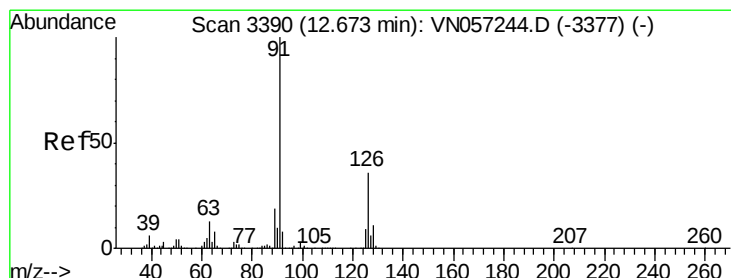
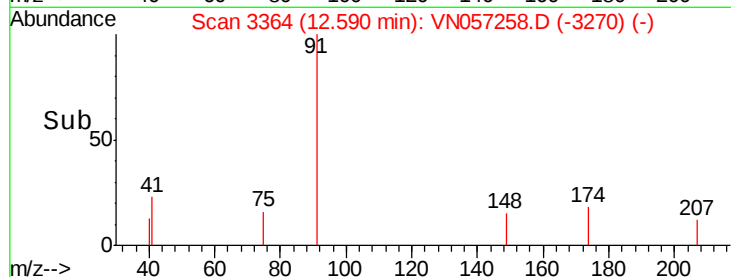
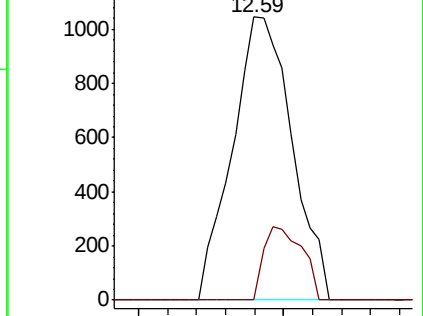
91 100

120 16.8 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057258.D

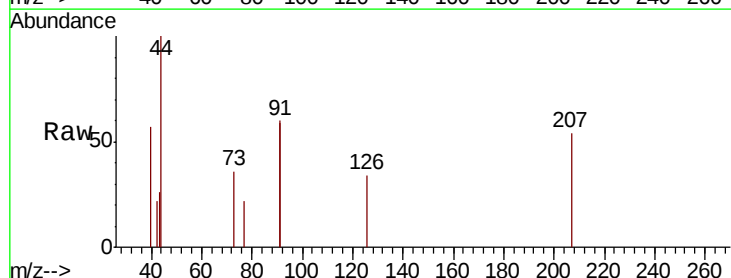
Acq: 13 Aug 2019 20:13

Tgt Ion: 91 Resp: 852

Ion Ratio Lower Upper

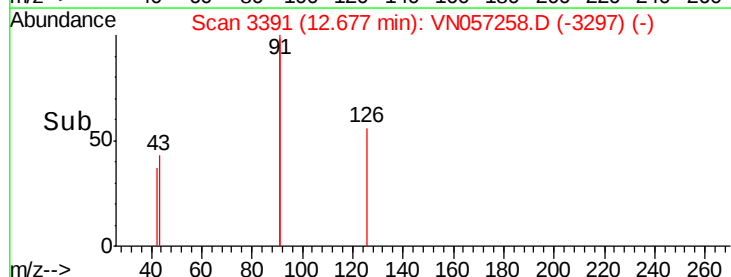
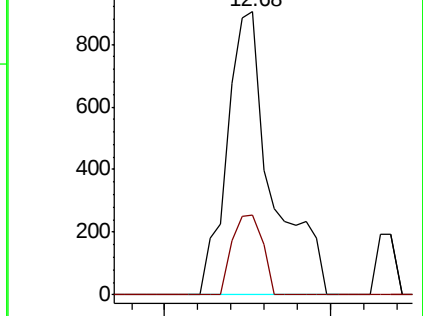
91 100

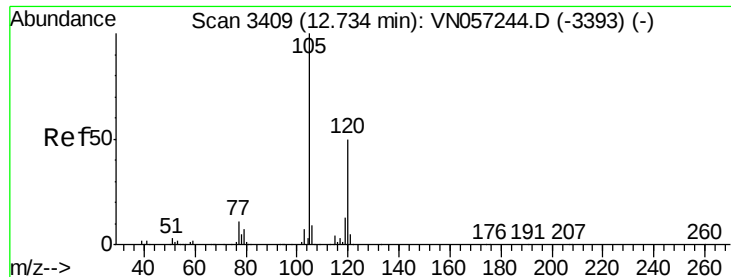
126 19.1 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

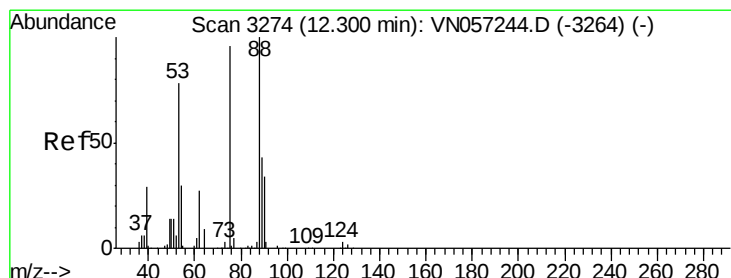
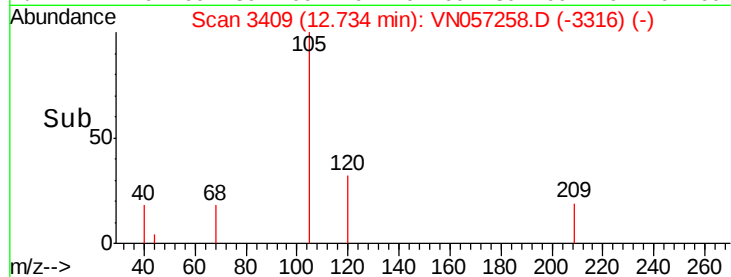
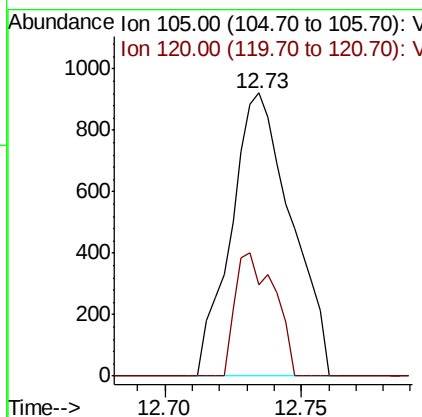
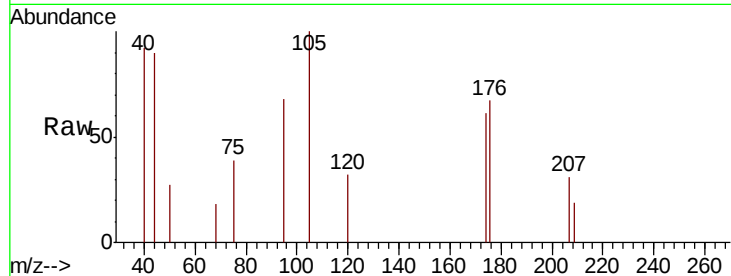




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057258.D
 Acq: 13 Aug 2019 20:13

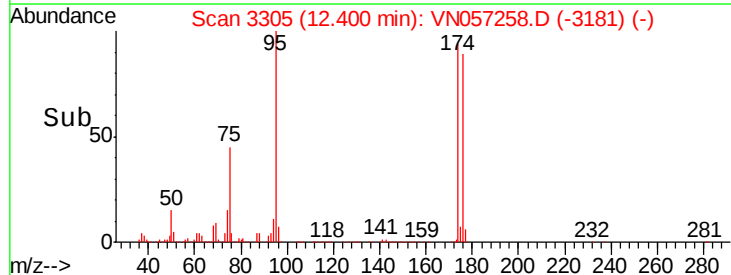
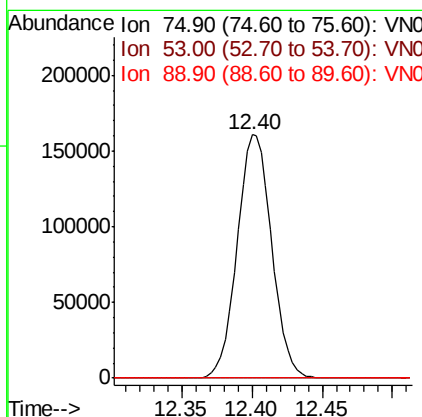
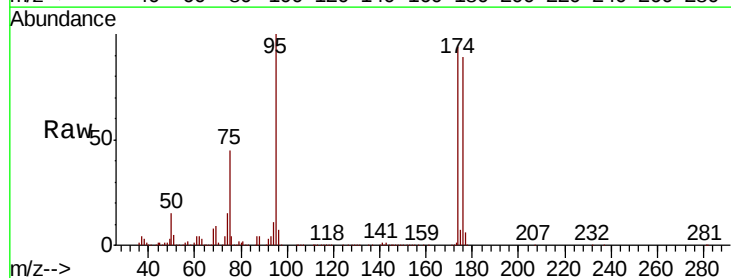
Instrument :
 MSVOA_N
 ClientSampled :
 TP-22

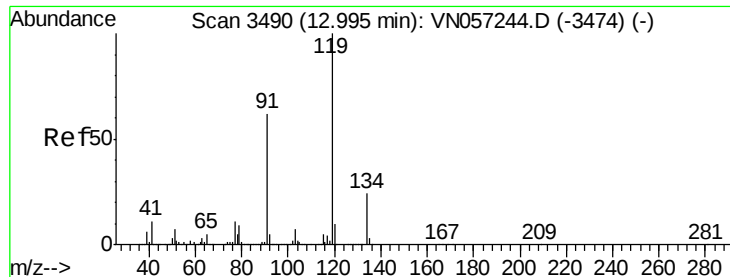
Tgt Ion: 105 Resp: 1411
 Ion Ratio Lower Upper
 105 100
 120 28.5 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.009 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN057258.D
 Acq: 13 Aug 2019 20:13

Tgt Ion: 75 Resp: 275100
 Ion Ratio Lower Upper
 75 100
 53 0.1 65.8 98.6#
 89 0.0 36.7 55.1#





#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

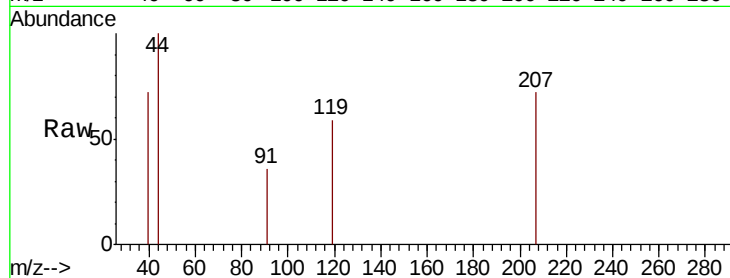
Instrument :

MSVOA_N

ClientSampled :

TP-22

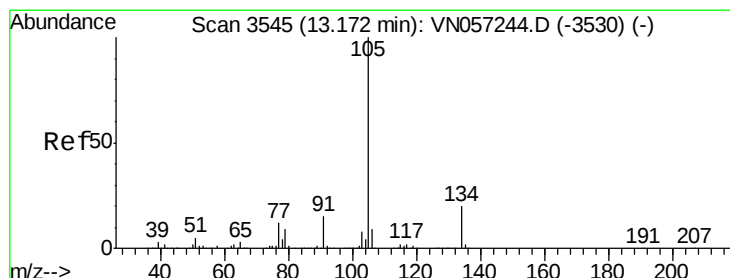
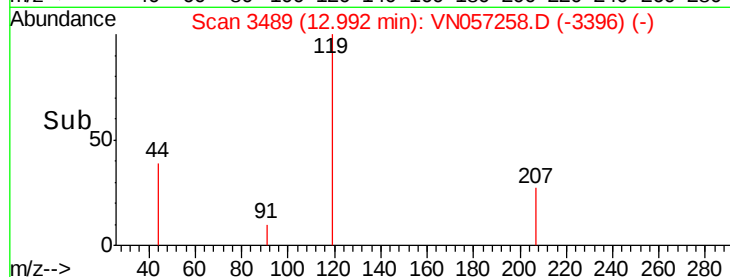
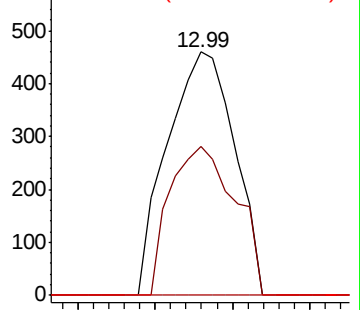
Tgt Ion:	119	Resp:	557
Ion	Ratio	Lower	Upper
119	100		
91	59.6	30.8	92.3
134	0.0	12.9	38.7#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#85

sec-Butylbenzene

Concen: Below Cal

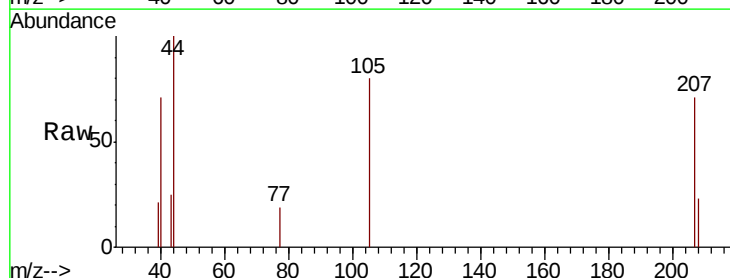
RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057258.D

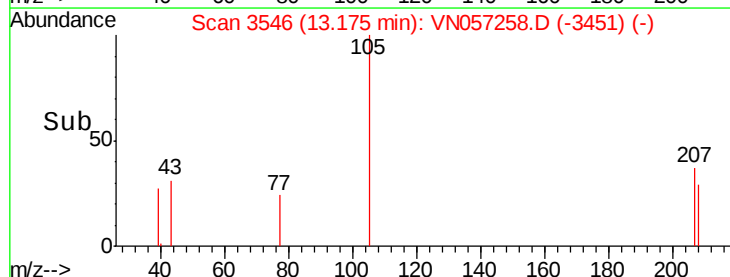
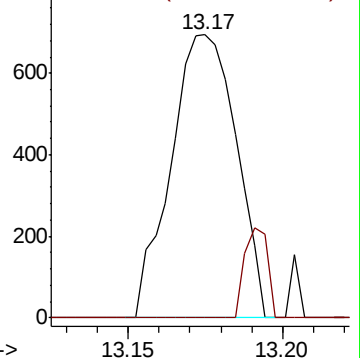
Acq: 13 Aug 2019 20:13

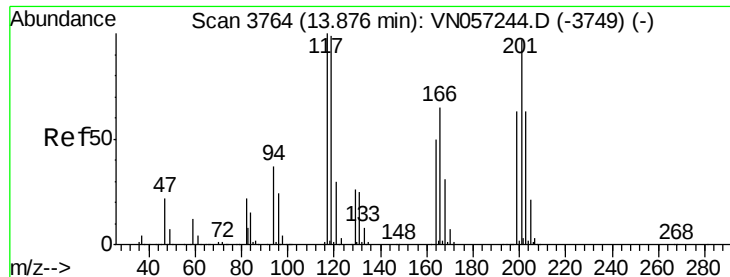
Tgt Ion:	105	Resp:	1024
Ion	Ratio	Lower	Upper
105	100		
134	11.0	10.4	31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.98 min Scan# 3797

Delta R.T. 0.11 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

Instrument :

MSVOA_N

ClientSampled :

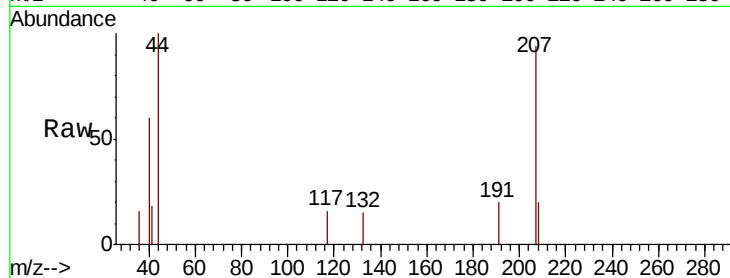
TP-22

Tgt Ion:117 Resp: 34

Ion Ratio Lower Upper

117 100

201 0.0 49.5 148.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.98

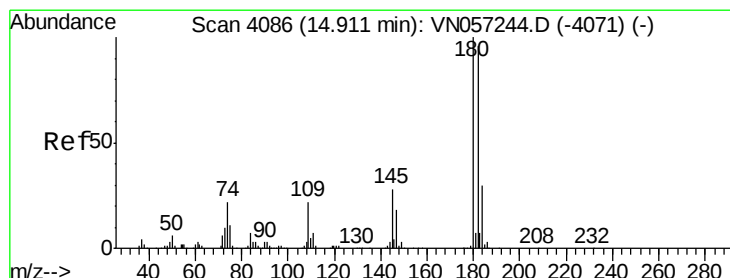
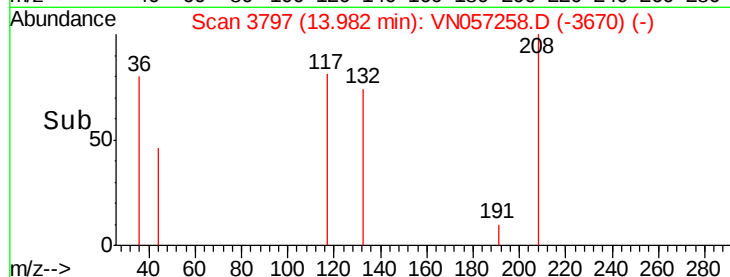
150

100

50

0

Time--> 13.97 13.98 13.99



#93

1,2,4-Trichlorobenzene

Concen: 3.381 ug/l

RT: 14.92 min Scan# 4089

Delta R.T. 0.01 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

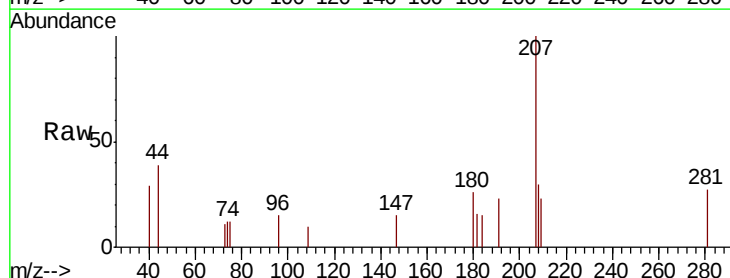
Tgt Ion:180 Resp: 759

Ion Ratio Lower Upper

180 100

182 88.5 47.7 143.1

145 24.2 14.2 42.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

14.92

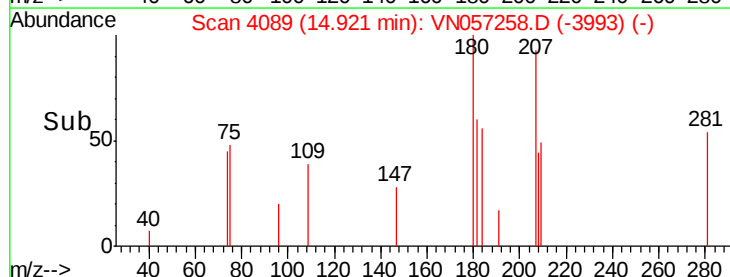
600

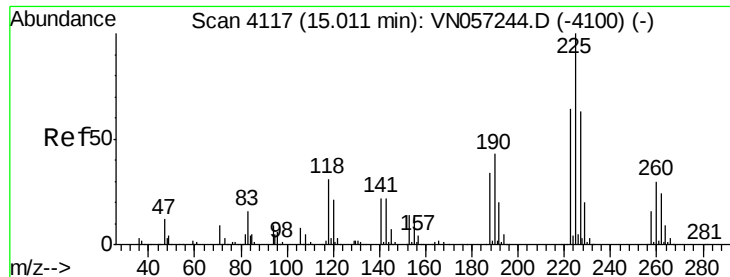
400

200

0

Time--> 14.90 14.95





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

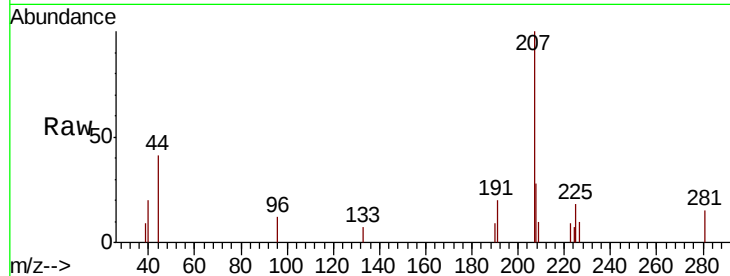
Delta R.T. -0.00 min

Lab File: VN057258.D

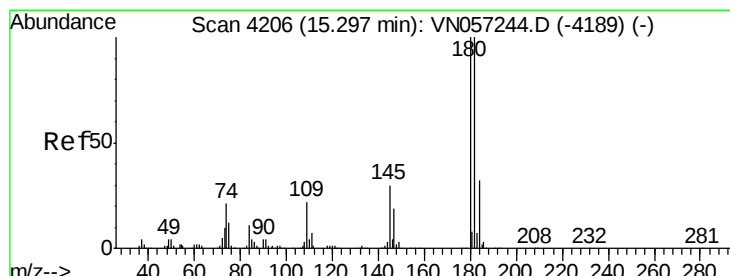
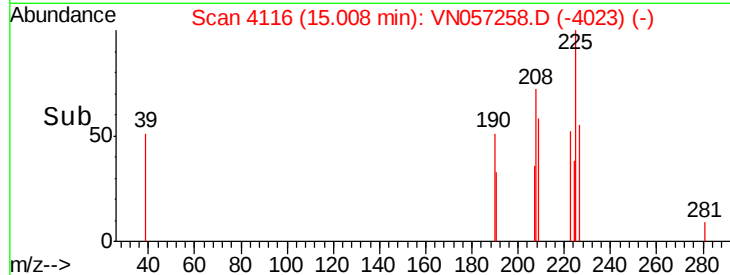
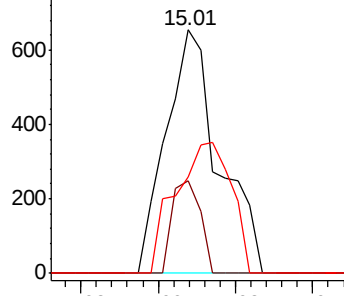
Acq: 13 Aug 2019 20:13

Instrument :
MSVOA_N
ClientSampled :
TP-22

Tgt Ion:	225	Resp:	622
Ion	Ratio	Lower	Upper
225	100		
223	19.9	31.4	94.2#
227	56.9	31.4	94.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#96

1,2,3-Trichlorobenzene

Concen: 4.467 ug/l

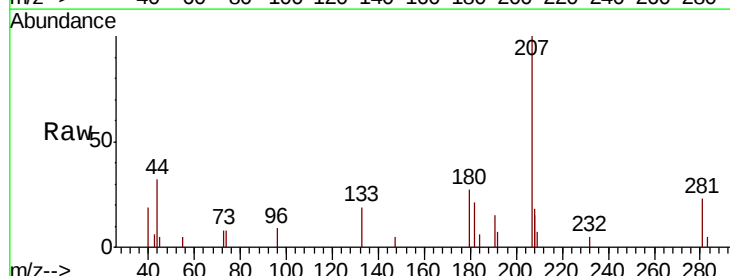
RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

Tgt Ion:	180	Resp:	1182
Ion	Ratio	Lower	Upper
180	100		
182	91.1	48.9	146.7
145	23.1	15.0	45.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

