

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057266.D
 Acq On : 13 Aug 2019 23:28
 Operator : JC/SP
 Sample : K4266-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C3-(0)

Quant Time: Aug 14 06:35:15 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	1416064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1974176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1679868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	450779	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	658714	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
35) Dibromofluoromethane	7.58	113	589732	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	
50) Toluene-d8	10.09	98	2318380	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.40	95	630135	39.96	ug/l	0.00
Spiked Amount			Recovery	=	79.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	4295	2.233	ug/l #	87
16) Acetone	3.81	43	32245	6.584	ug/l	97
18) Methyl Acetate	4.32	43	35464	1.684	ug/l #	70
20) Methylene Chloride	4.54	84	45740	3.197	ug/l	99
25) 2-Butanone	6.83	43	4760	0.684	ug/l #	79
31) Cyclohexane	7.66	56	21639	1.069	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	85158	4.934	ug/l #	49
38) Carbon Tetrachloride	7.66	117	121269	6.614	ug/l #	15
43) Isopropyl Acetate	8.16	43	268677	11.760	ug/l #	81
45) 1,2-Dichloropropane	9.27	63	4503	0.339	ug/l #	43
48) Methyl methacrylate	9.18	41	11155	1.055	ug/l #	10
49) 1,4-Dioxane	9.27	88	256	1.075	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	13124	0.978	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	97596	4.688	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	15090	0.718	ug/l #	42
59) 2-Hexanone	10.76	43	205698	21.610	ug/l #	49
73) Isopropylbenzene	12.40	105	865	Below Cal		74
74) N-amyl acetate	12.03	43	7821	Below Cal	#	43
75) 1,1,2,2-Tetrachloroethane	12.41	83	225	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	288525	35.554	ug/l #	100
77) Bromobenzene	12.40	156	232	Below Cal	#	1
78) n-propylbenzene	12.59	91	367	Below Cal		79
79) 2-Chlorotoluene	12.68	91	379	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.74	105	3412	Below Cal		96
81) trans-1,4-Dichloro-2-buten	12.40	75	288525	85.972	ug/l #	16
83) tert-Butylbenzene	13.00	119	225	Below Cal	#	28
85) sec-Butylbenzene	13.17	105	475	Below Cal		90
90) Hexachloroethane	13.62	117	29	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	518	3.327	ug/l #	57
94) Hexachlorobutadiene	15.00	225	218	Below Cal	#	19
95) Naphthalene	15.13	128	519	Below Cal	#	78
96) 1,2,3-Trichlorobenzene	15.30	180	459	4.315	ug/l #	71

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
Data File : VN057266.D
Acq On : 13 Aug 2019 23:28
Operator : JC/SP
Sample : K4266-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C3-(0)

Quant Time: Aug 14 06:35:15 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

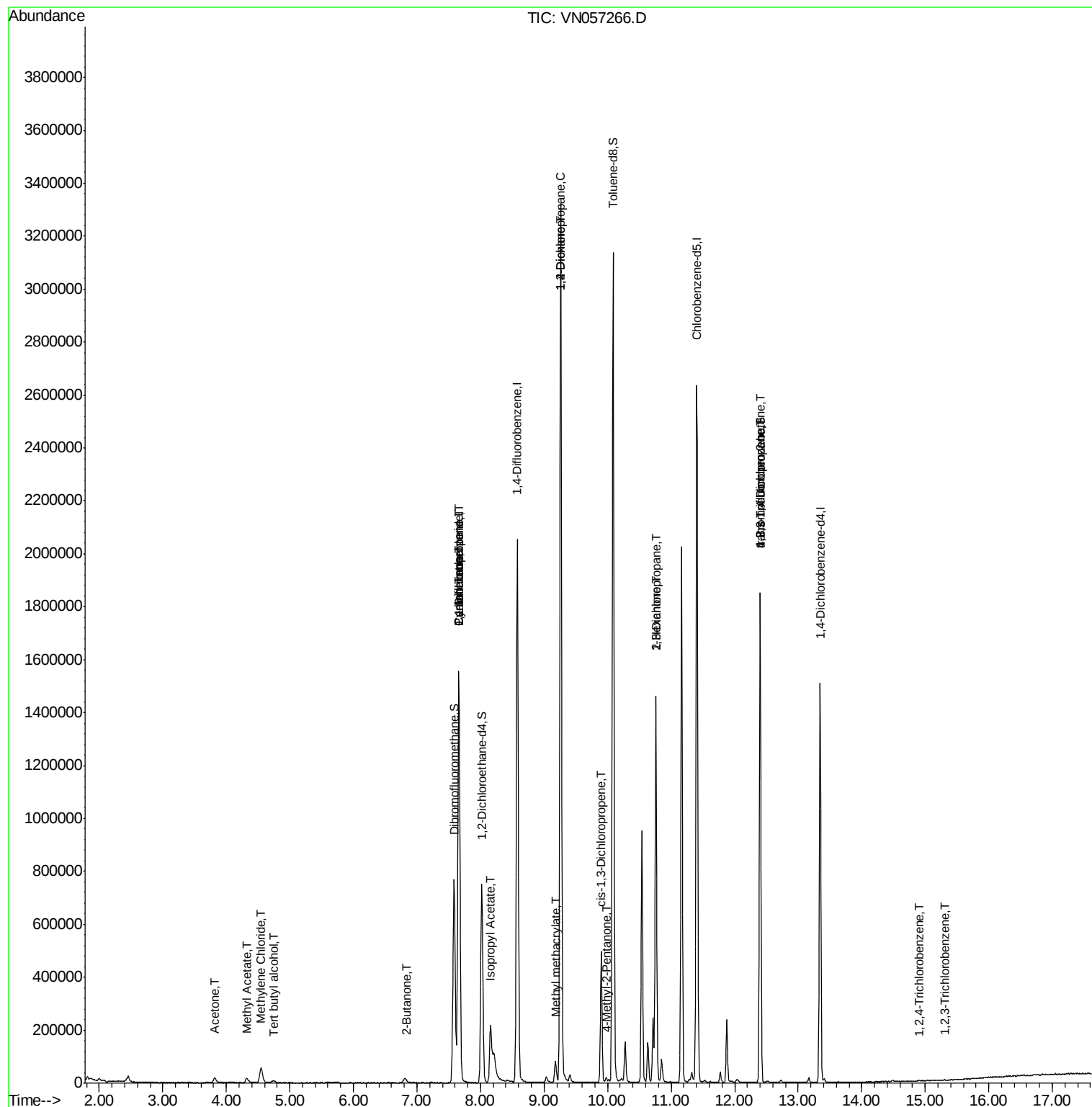
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

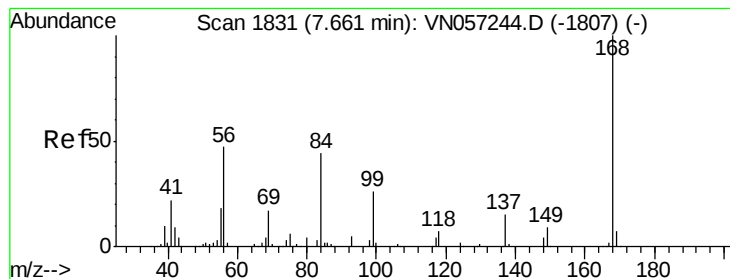
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
Data File : VN057266.D
Acq On : 13 Aug 2019 23:28
Operator : JC/SP
Sample : K4266-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C3-(0)

Quant Time: Aug 14 06:35:15 2019
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: VN057266.D

Acq: 13 Aug 2019 23:28

Instrument :

MSVOA_N

ClientSampleId :

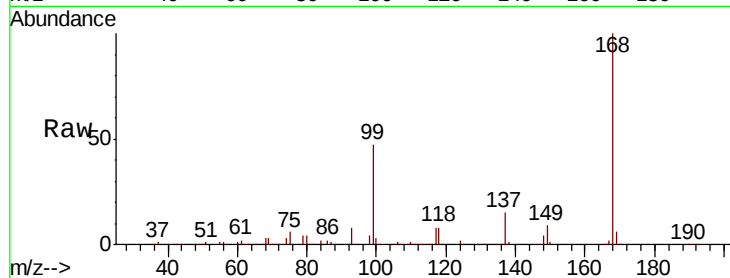
R1-R2-C3-(0)

Tgt Ion:168 Resp: 1416064

Ion Ratio Lower Upper

168 100

99 47.4 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

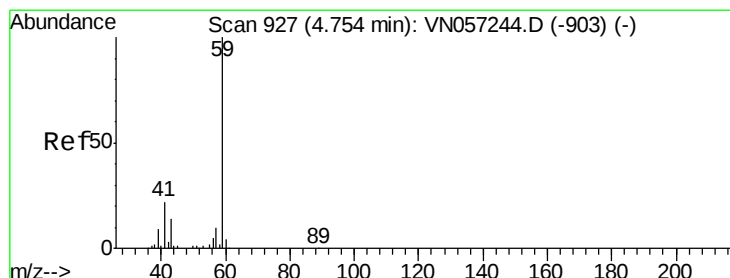
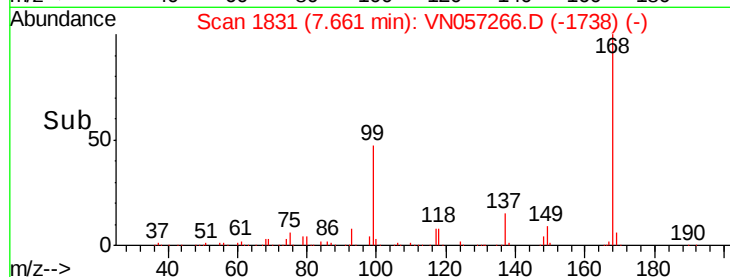
600000

400000

200000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.233 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.01 min

Lab File: VN057266.D

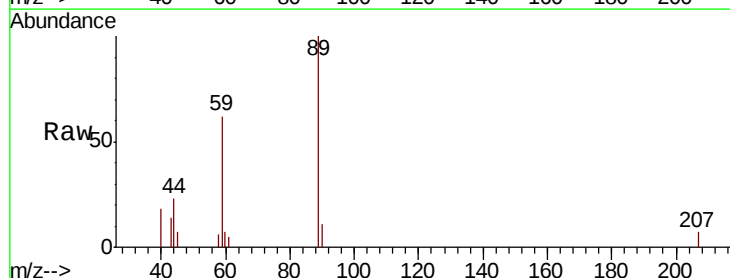
Acq: 13 Aug 2019 23:28

Tgt Ion: 59 Resp: 4295

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) (-)

4.74

2500

2000

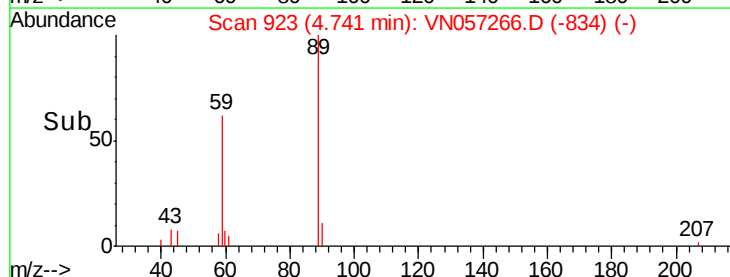
1500

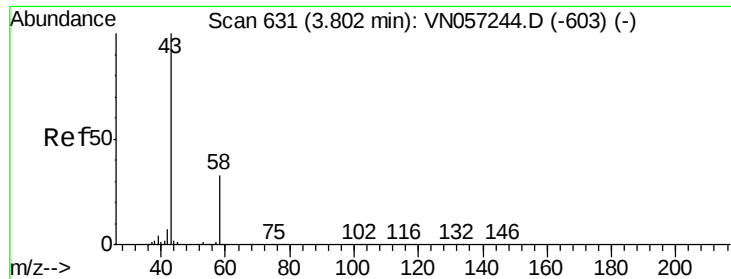
1000

500

0

Time-->





#16

Acetone

Concen: 6.584 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057266.D

Acq: 13 Aug 2019 23:28

Instrument :

MSVOA_N

ClientSampleId :

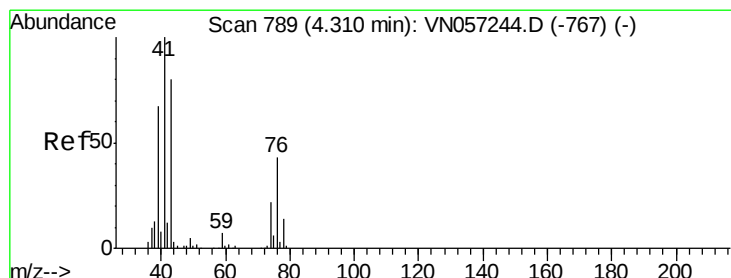
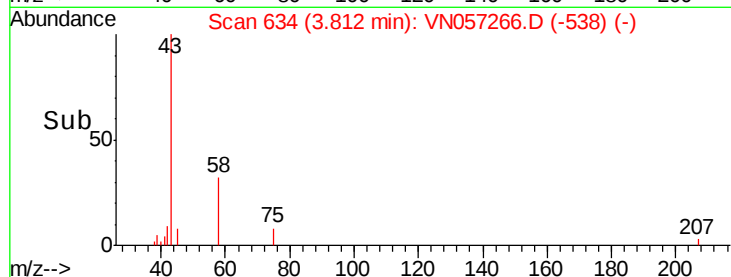
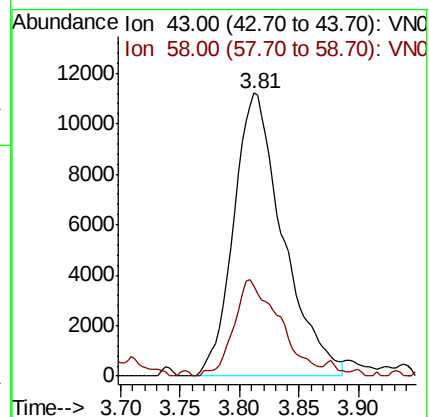
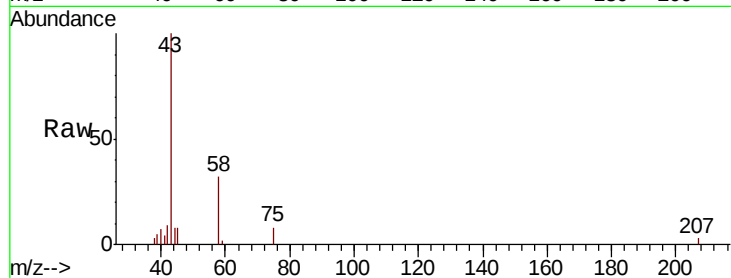
R1-R2-C3-(0)

Tgt Ion: 43 Resp: 32245

Ion Ratio Lower Upper

43 100

58 31.8 26.7 40.1



#18

Methyl Acetate

Concen: 1.684 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN057266.D

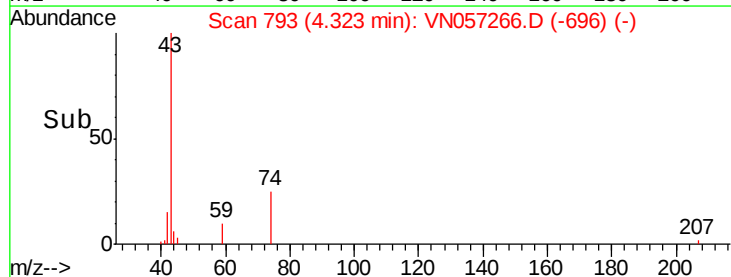
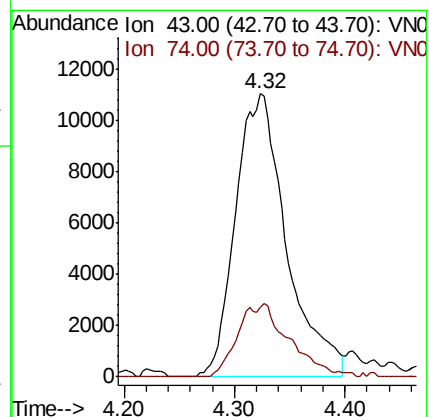
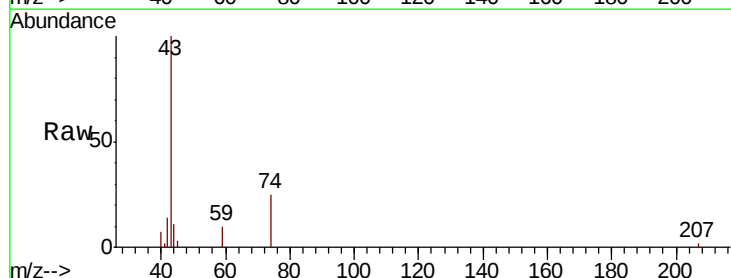
Acq: 13 Aug 2019 23:28

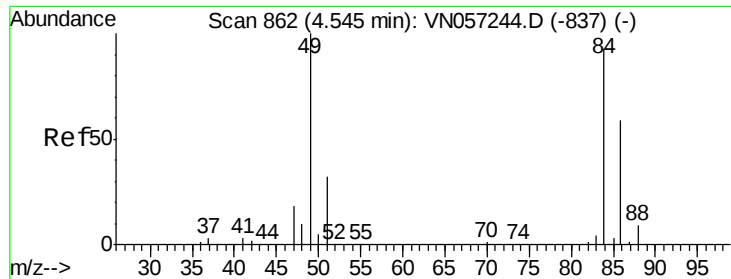
Tgt Ion: 43 Resp: 35464

Ion Ratio Lower Upper

43 100

74 10.5 20.6 31.0#

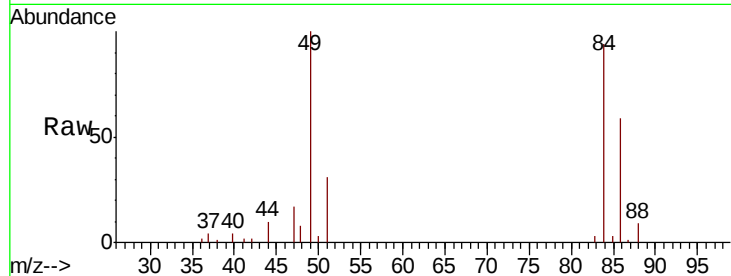




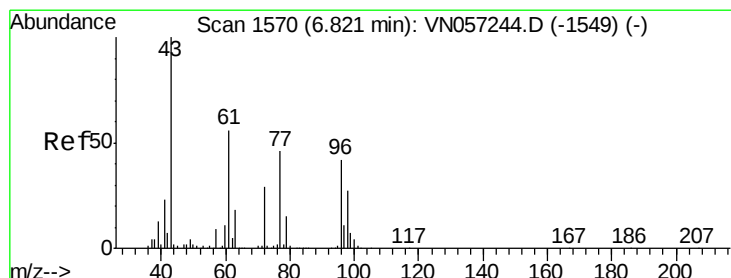
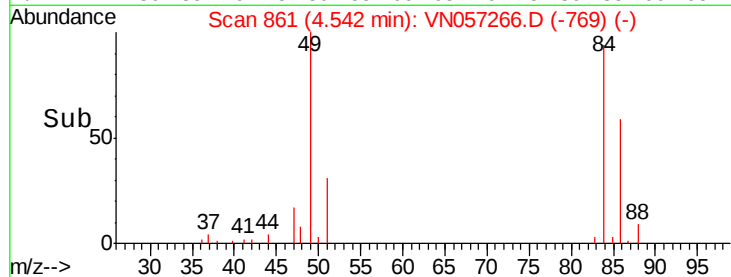
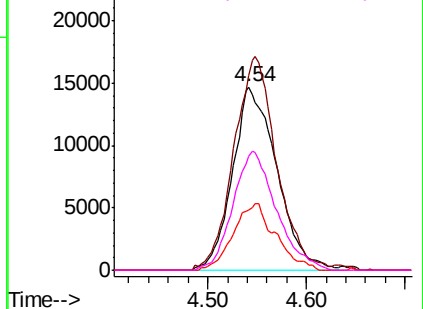
#20
Methylene Chloride
Concen: 3.197 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN057266.D
Acq: 13 Aug 2019 23:28

Instrument :
MSVOA_N
ClientSampled :
R1-R2-C3-(0)

Tgt Ion:	84	Resp:	45740
Ion	Ratio	Lower	Upper
84	100		
49	106.4	85.9	128.9
51	32.5	27.1	40.7
86	62.4	51.0	76.6

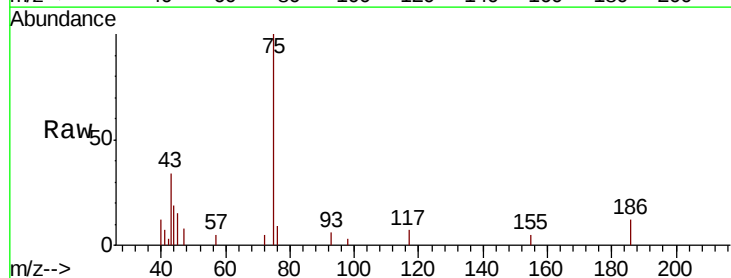


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

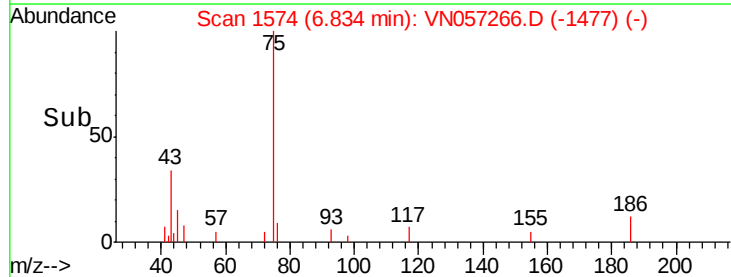
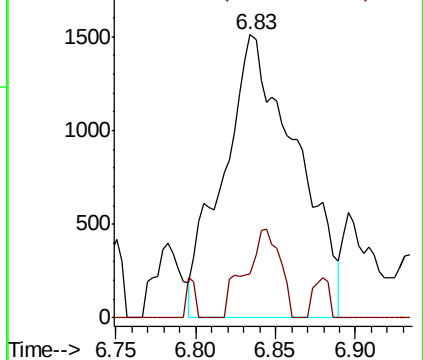


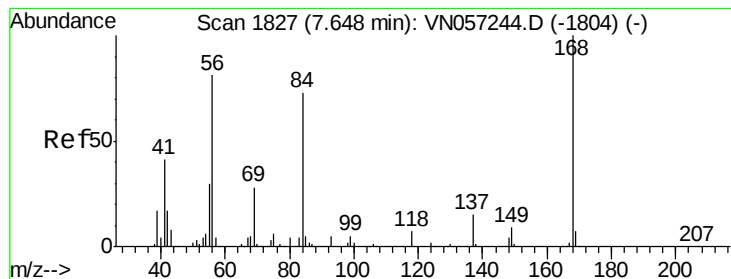
#25
2-Butanone
Concen: 0.684 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VN057266.D
Acq: 13 Aug 2019 23:28

Tgt Ion:	43	Resp:	4760
Ion	Ratio	Lower	Upper
43	100		
72	17.8	23.1	34.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#31

Cyclohexane

Concen: 1.069 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN057266.D

Acq: 13 Aug 2019 23:28

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C3-(0)

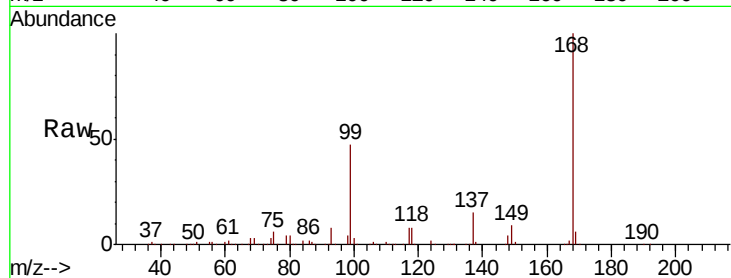
Tgt Ion: 56 Resp: 21639

Ion Ratio Lower Upper

56 100

69 203.0 27.8 41.8#

84 153.0 72.0 108.0#

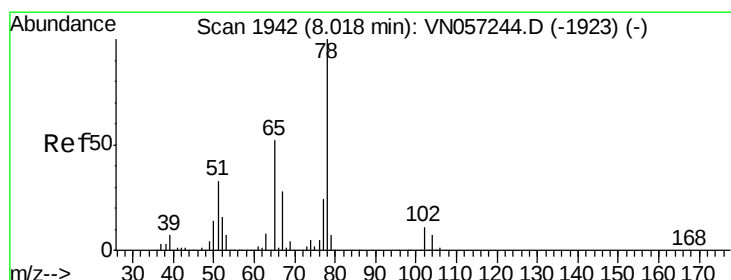
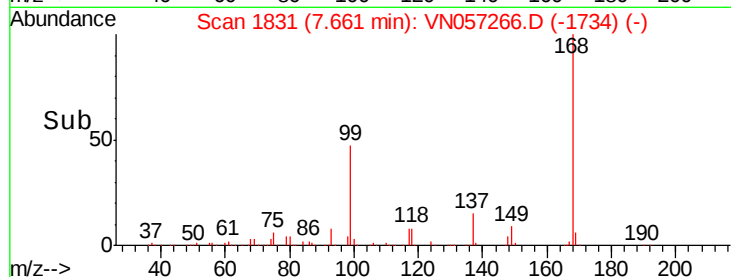
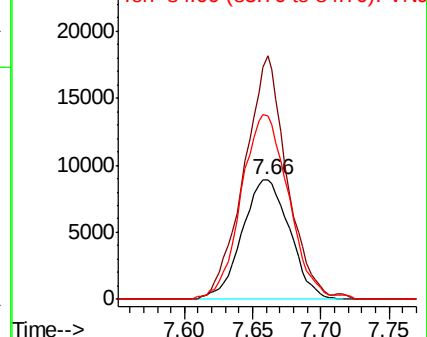


Abundance

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: 46.113 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057266.D

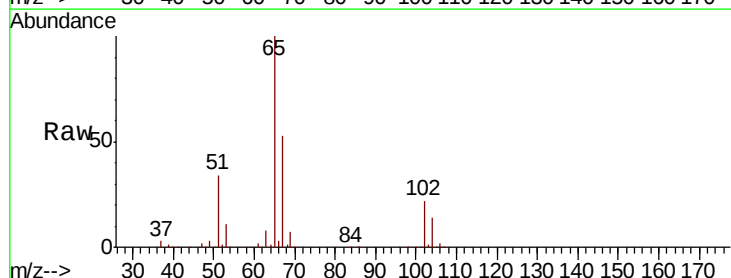
Acq: 13 Aug 2019 23:28

Tgt Ion: 65 Resp: 658714

Ion Ratio Lower Upper

65 100

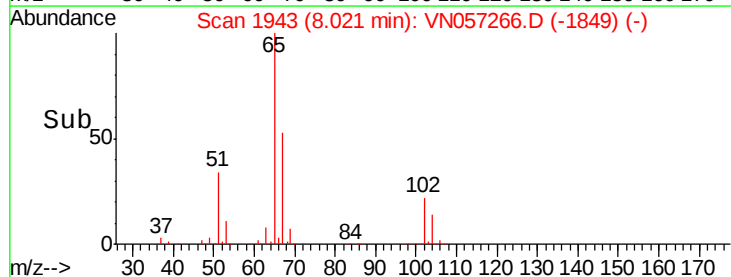
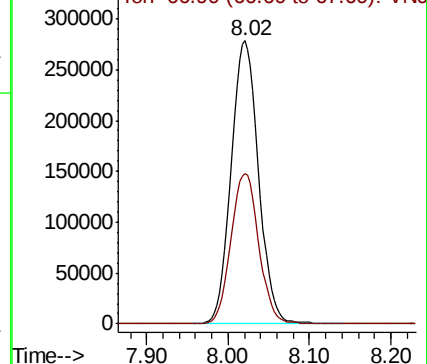
67 53.9 0.0 107.0

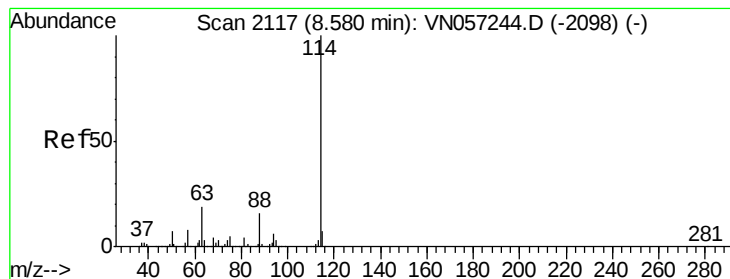


Abundance

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: VN057266.D

Acq: 13 Aug 2019 23:28

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C3-(0)

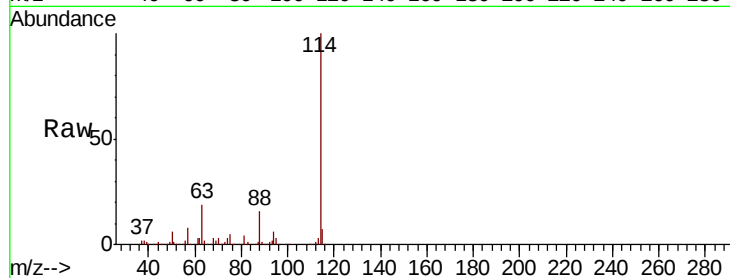
Tgt Ion:114 Resp: 1974176

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.0

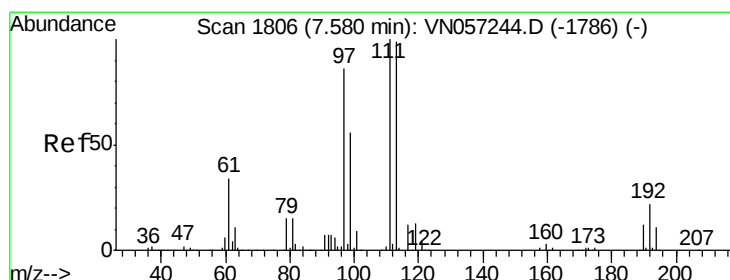
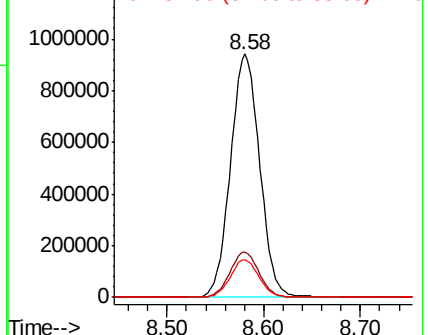
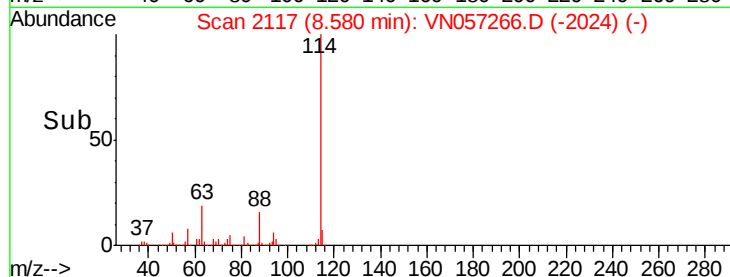
88 15.6 0.0 31.0



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: 46.784 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN057266.D

Acq: 13 Aug 2019 23:28

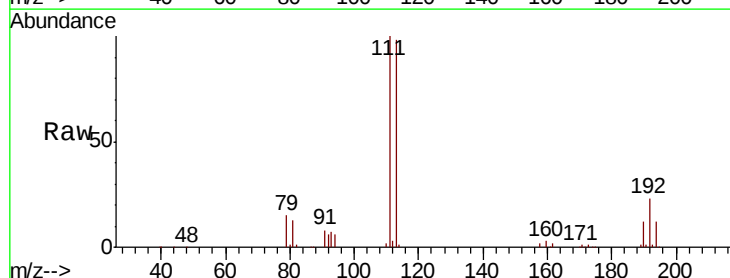
Tgt Ion:113 Resp: 589732

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.2

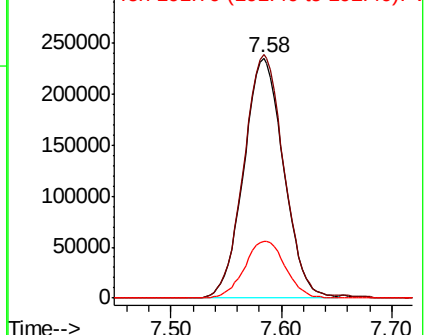
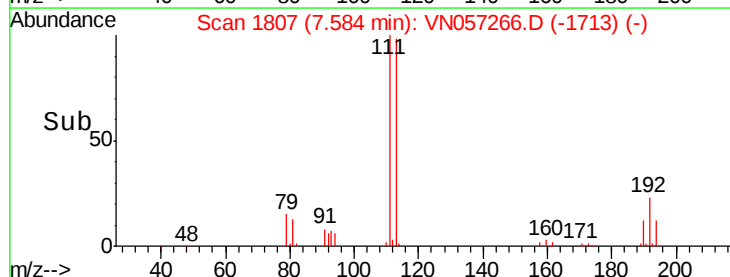
192 24.3 18.8 28.2

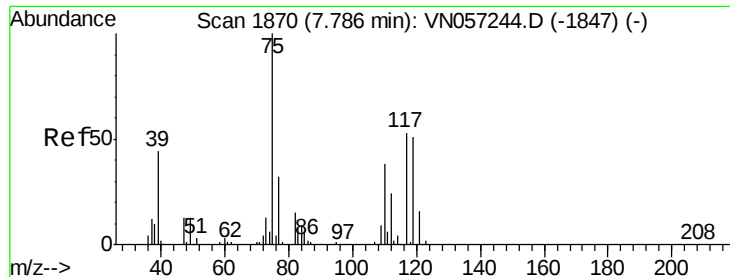


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

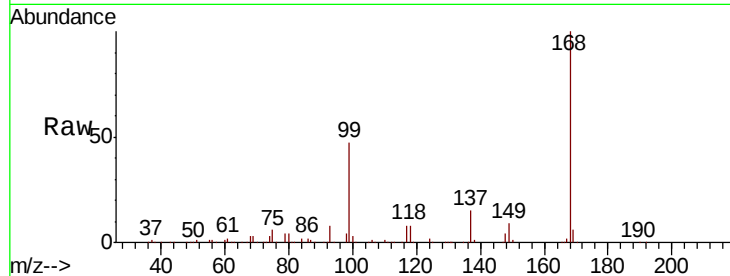




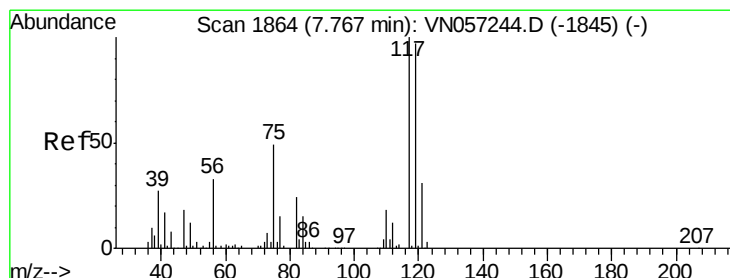
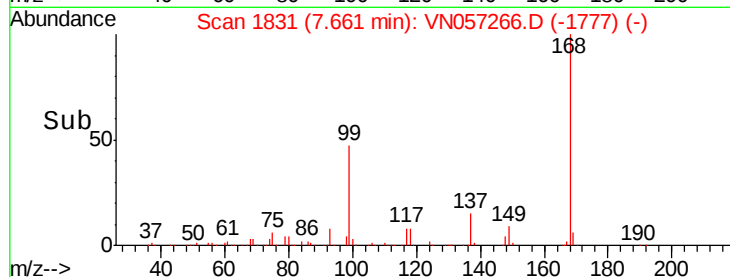
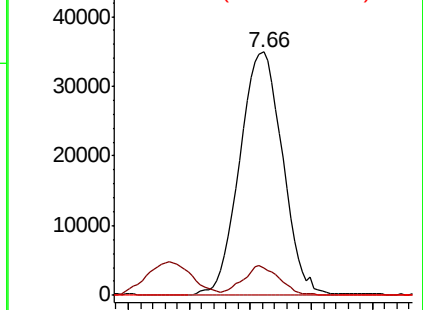
#36
 1,1-Dichloropropene
 Concen: 4.934 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN057266.D
 Acq: 13 Aug 2019 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C3-(0)

Tgt Ion: 75 Resp: 85158
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.1 57.1#
 77 0.0 25.2 37.8#

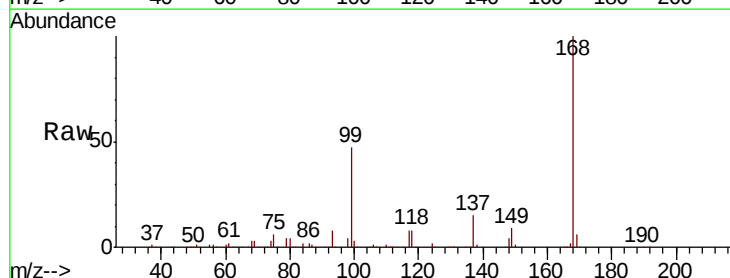


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

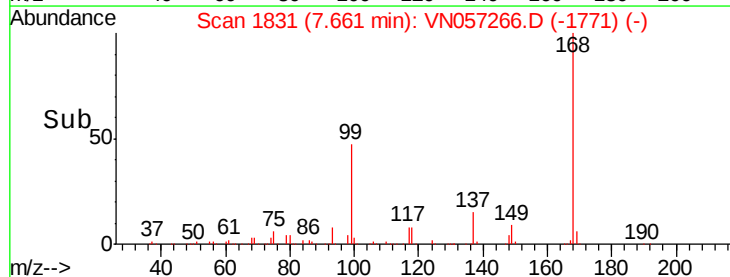
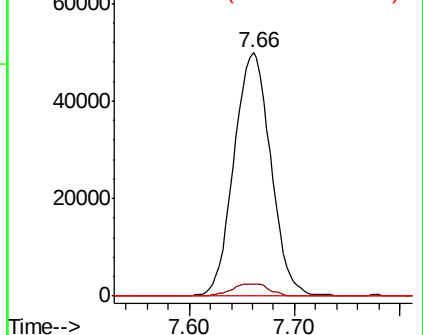


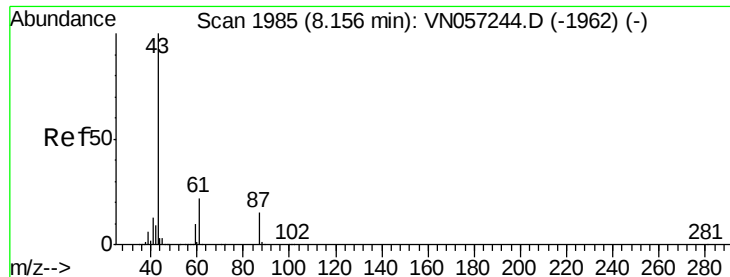
#38
 Carbon Tetrachloride
 Concen: 6.614 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN057266.D
 Acq: 13 Aug 2019 23:28

Tgt Ion: 117 Resp: 121269
 Ion Ratio Lower Upper
 117 100
 119 5.1 77.8 116.6#
 121 0.0 24.9 37.3#



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

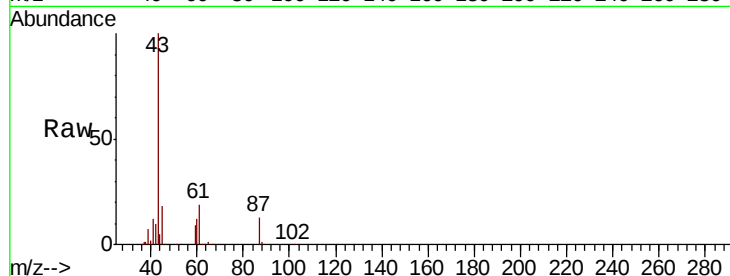




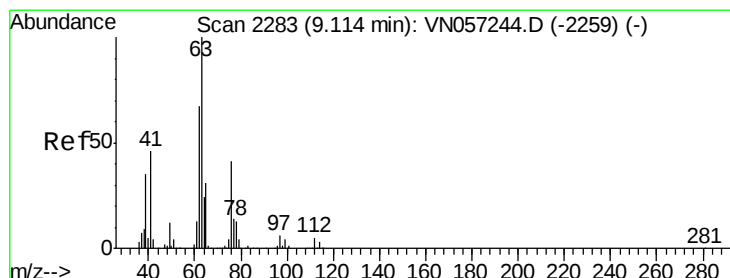
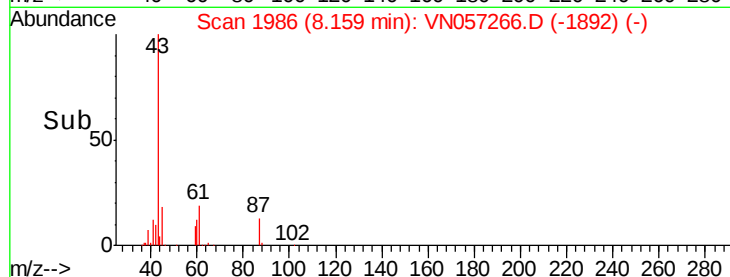
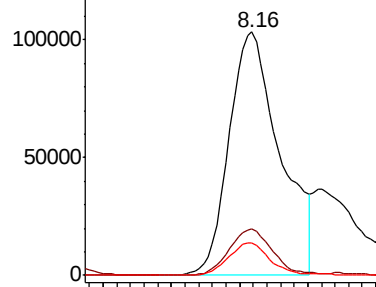
#43
Isopropyl Acetate
Concen: 11.760 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN057266.D
Acq: 13 Aug 2019 23:28

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C3-(0)

Tgt Ion: 43 Resp: 268677
Ion Ratio Lower Upper
43 100
61 16.3 23.5 35.3#
87 11.0 12.1 18.1#

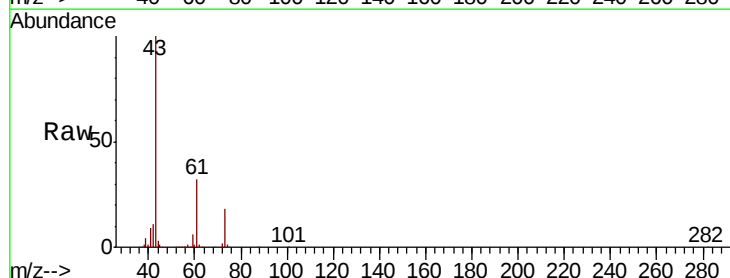


Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO

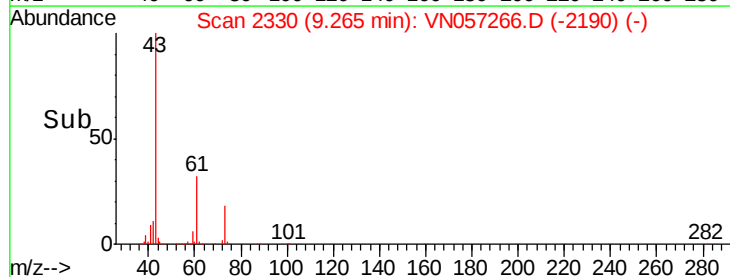
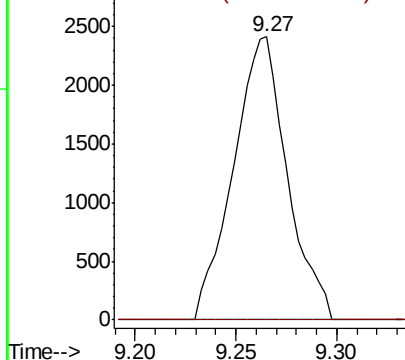


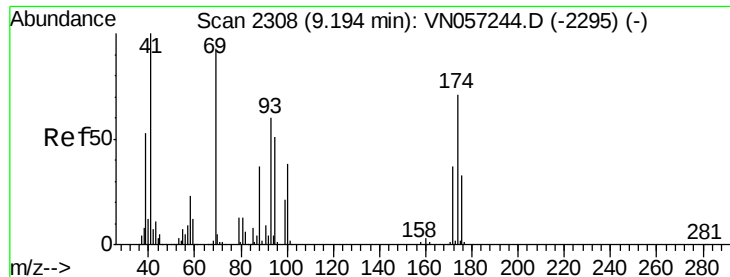
#45
1,2-Dichloropropane
Concen: 0.339 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.15 min
Lab File: VN057266.D
Acq: 13 Aug 2019 23:28

Tgt Ion: 63 Resp: 4503
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 64.90 (64.60 to 65.60): VNO

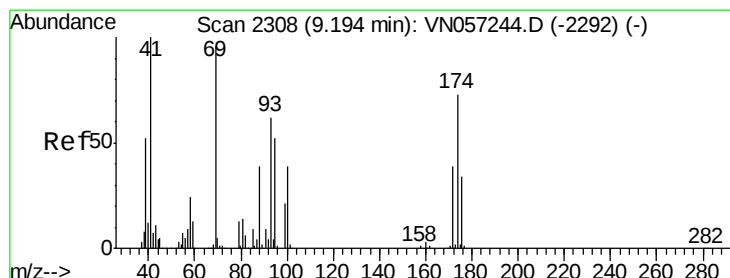
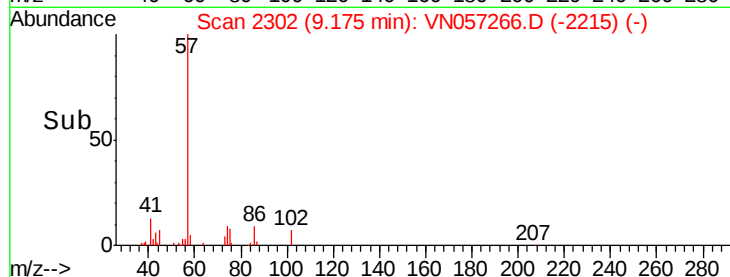
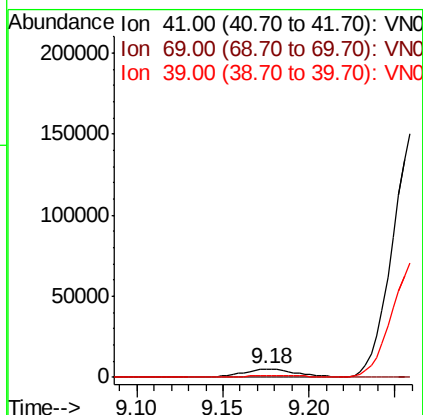
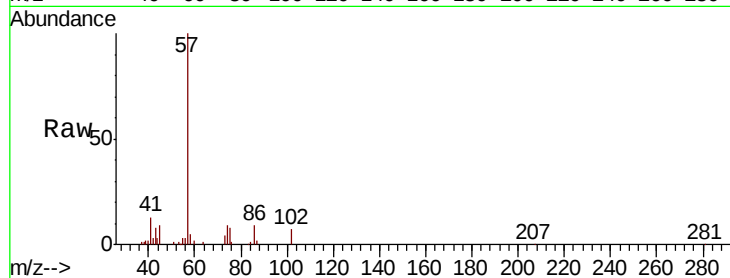




#48
Methyl methacrylate
Concen: 1.055 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057266.D
Acq: 13 Aug 2019 23:28

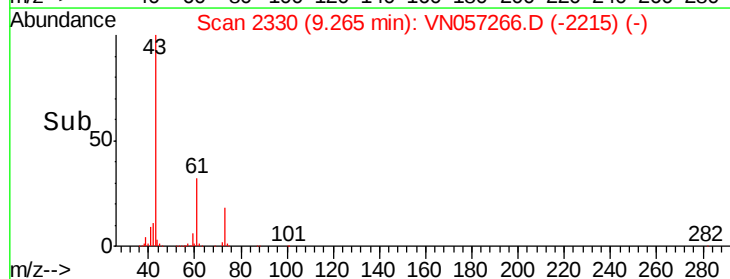
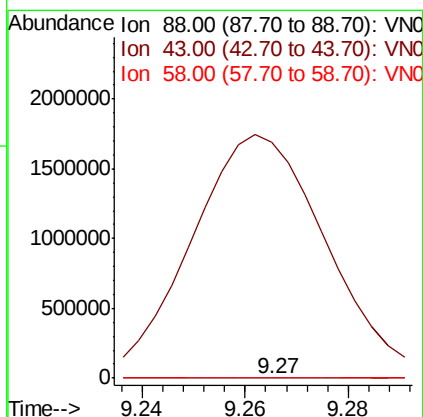
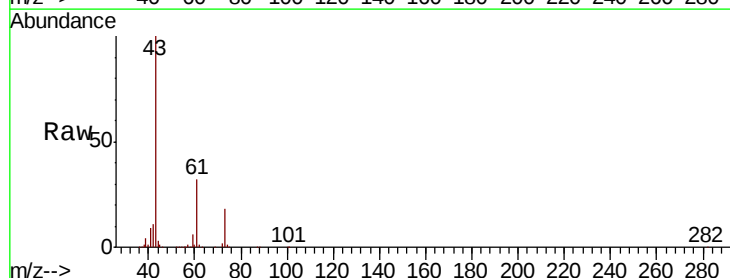
Instrument :
MSVOA_N
ClientSampled :
R1-R2-C3-(0)

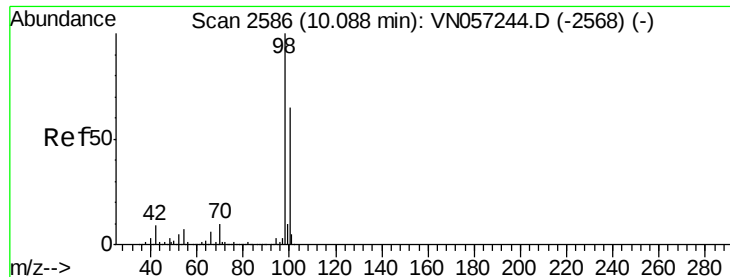
Tgt Ion: 41 Resp: 11155
Ion Ratio Lower Upper
41 100
69 0.0 75.7 113.5#
39 0.0 43.3 64.9#



#49
1,4-Dioxane
Concen: 1.075 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.07 min
Lab File: VN057266.D
Acq: 13 Aug 2019 23:28

Tgt Ion: 88 Resp: 256
Ion Ratio Lower Upper
88 100
43 1264884.8 20.7 31.1#
58 5348.0 52.0 78.0#





#50

Toluene-d8

Concen: 50.425 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057266.D

Acq: 13 Aug 2019 23:28

Instrument :

MSVOA_N

ClientSampleId :

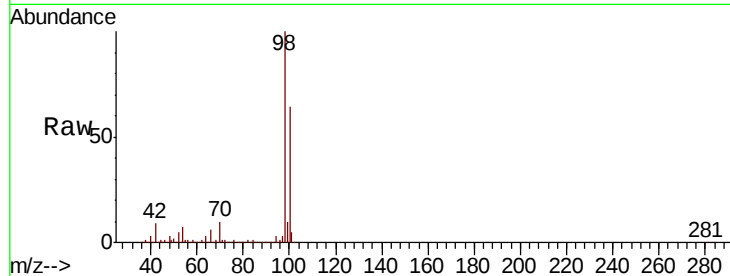
R1-R2-C3-(0)

Tgt Ion: 98 Resp: 2318380

Ion Ratio Lower Upper

98 100

100 64.2 51.8 77.6



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

Ion 100.00 (99.70 to 100.70): VN057244.D (-2568) (-)

10.09

1500000

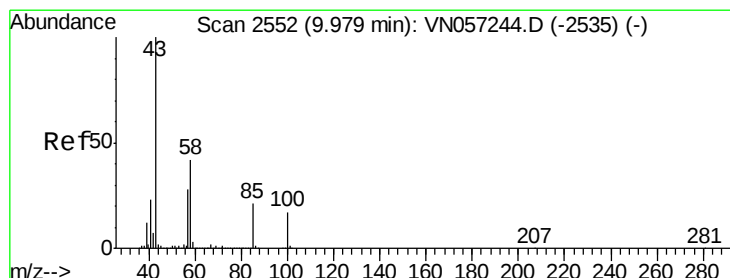
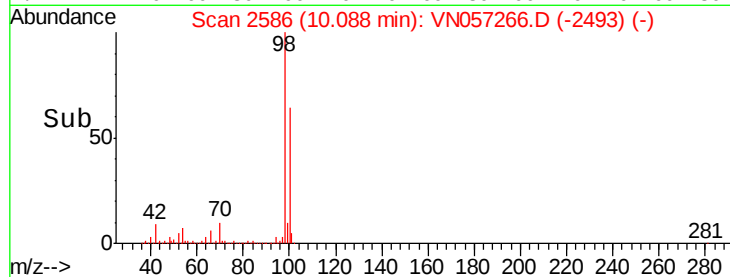
1000000

500000

0

Time-->

10.00 10.10 10.20



#51

4-Methyl-2-Pentanone

Concen: 0.978 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057266.D

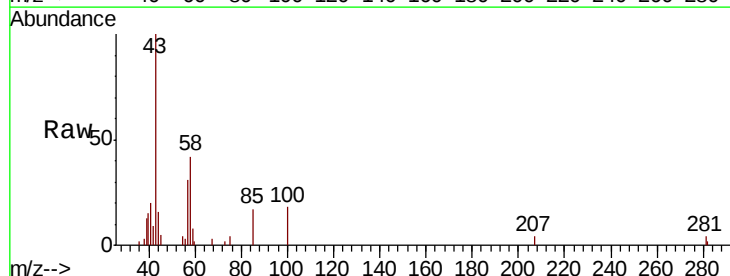
Acq: 13 Aug 2019 23:28

Tgt Ion: 43 Resp: 13124

Ion Ratio Lower Upper

43 100

58 42.0 33.7 50.5



Abundance Ion 43.00 (42.70 to 43.70): VN057244.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN057244.D (-2535) (-)

30000

25000

20000

15000

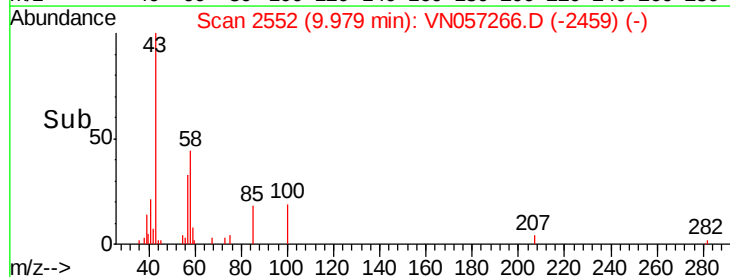
10000

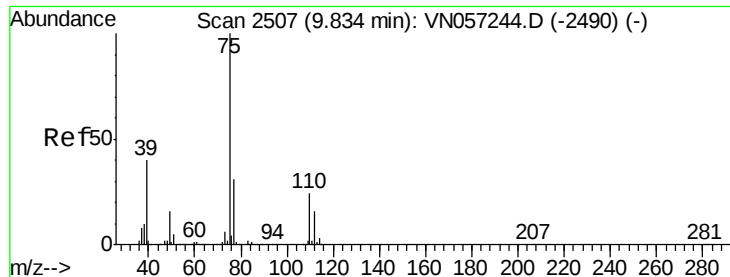
5000

0

Time-->

9.95 10.00



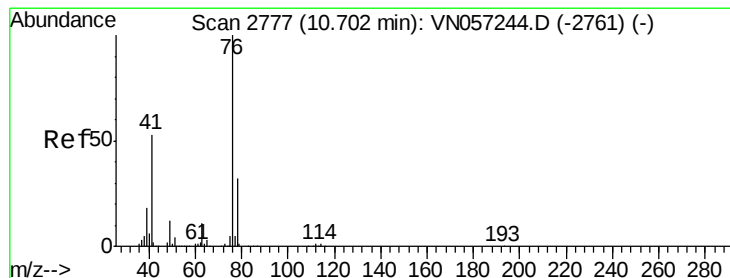
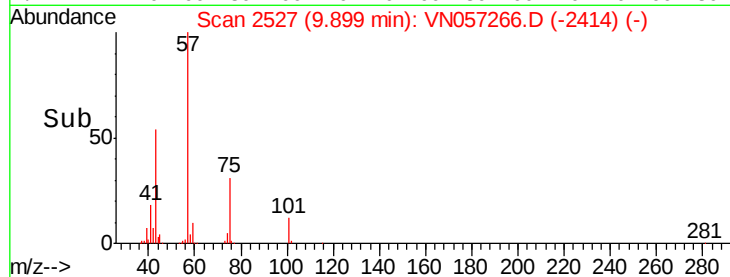
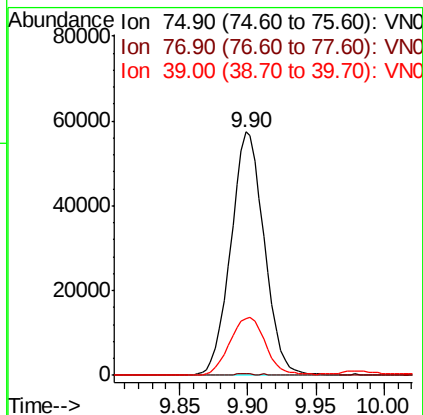
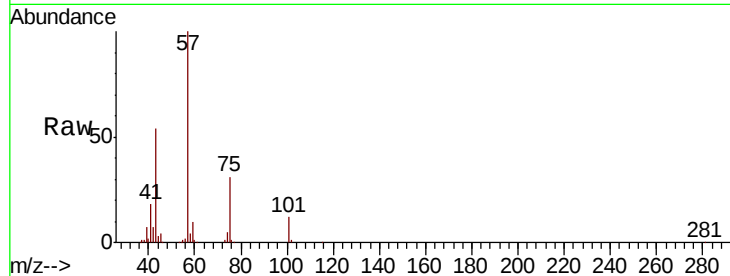


#54

cis-1,3-Dichloropropene
 Concen: 4.688 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057266.D
 Acq: 13 Aug 2019 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C3-(0)

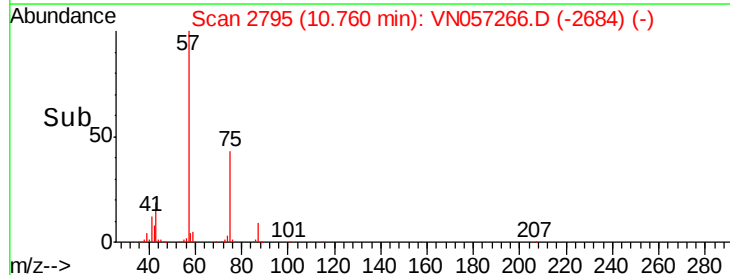
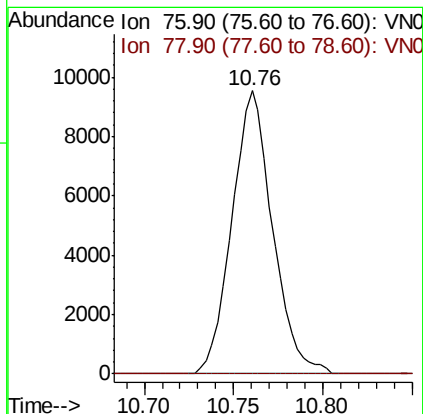
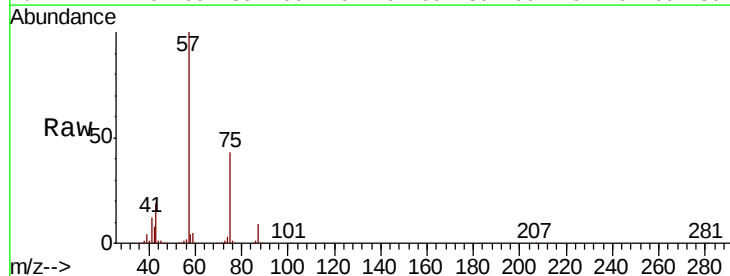
Tgt Ion: 75 Resp: 97596
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.0 37.6#
 39 23.2 32.3 48.5#

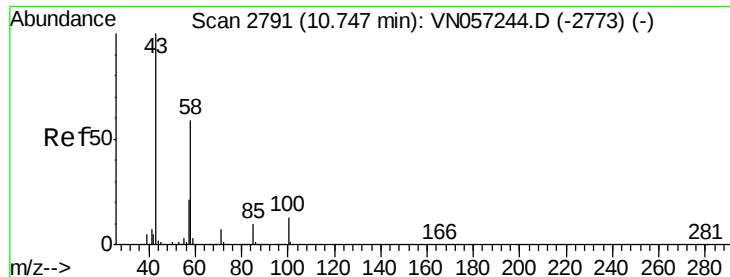


#57

1,3-Dichloropropane
 Concen: 0.718 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057266.D
 Acq: 13 Aug 2019 23:28

Tgt Ion: 76 Resp: 15090
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

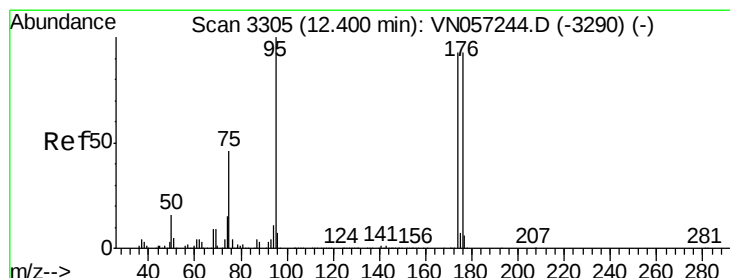
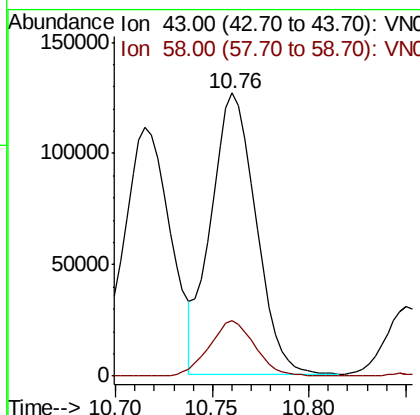
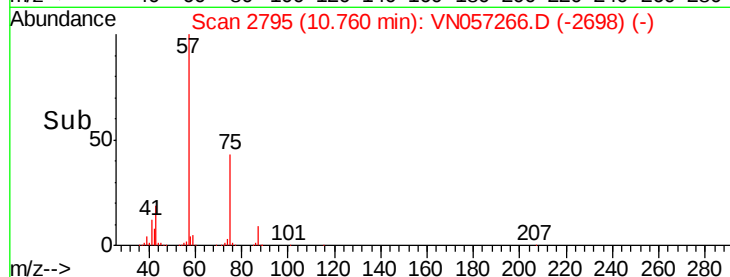
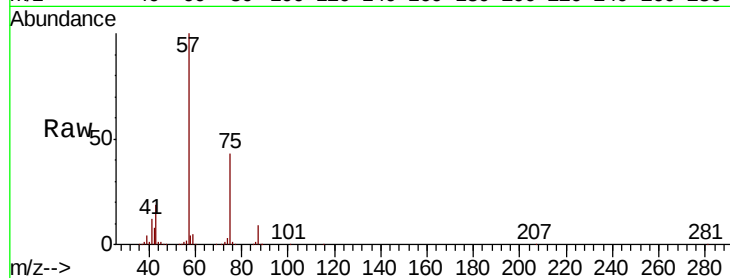




#59
2-Hexanone
Concen: 21.610 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057266.D
Acq: 13 Aug 2019 23:28

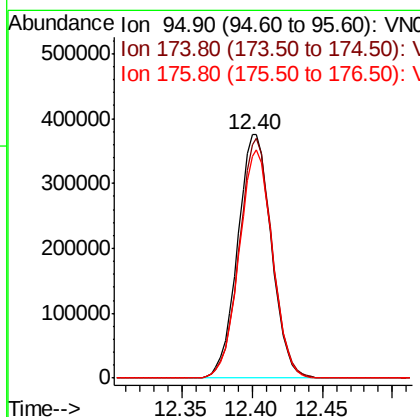
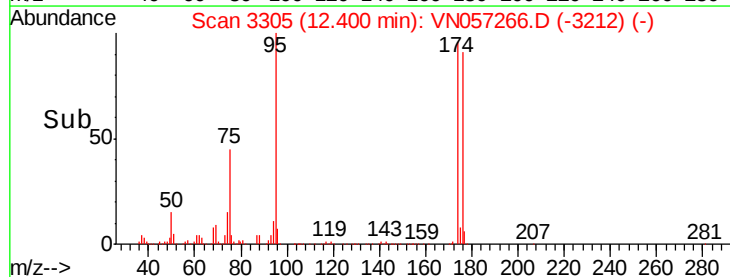
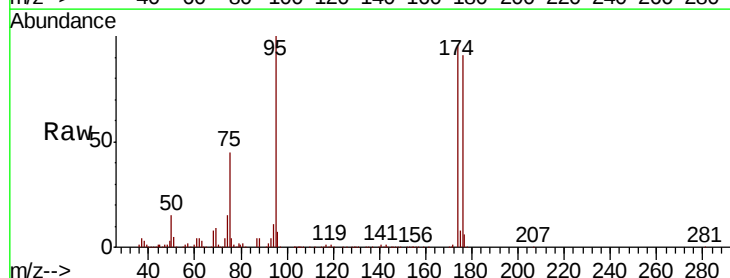
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C3-(0)

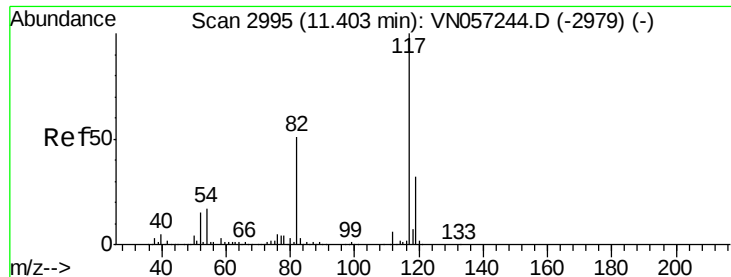
Tgt Ion: 43 Resp: 205698
Ion Ratio Lower Upper
43 100
58 20.0 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 39.964 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN057266.D
Acq: 13 Aug 2019 23:28

Tgt Ion: 95 Resp: 630135
Ion Ratio Lower Upper
95 100
174 96.0 0.0 187.6
176 92.6 0.0 185.8

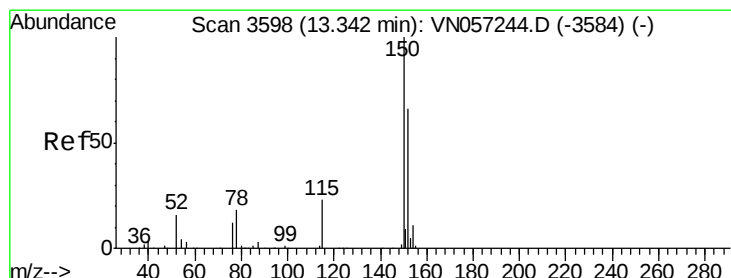
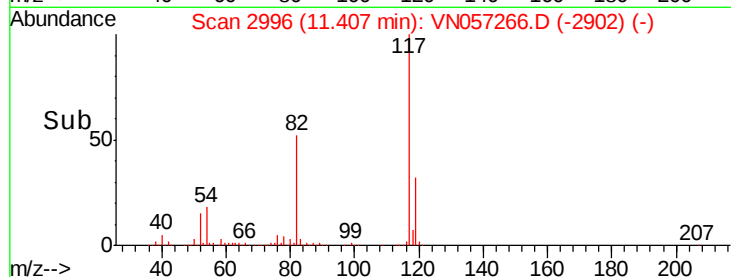
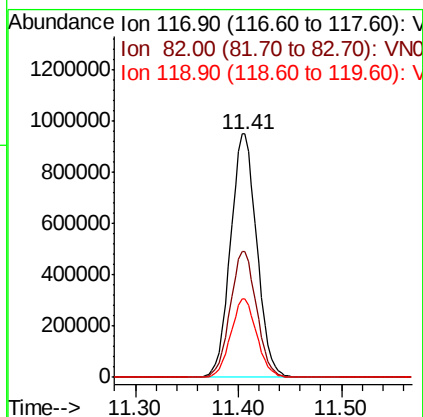
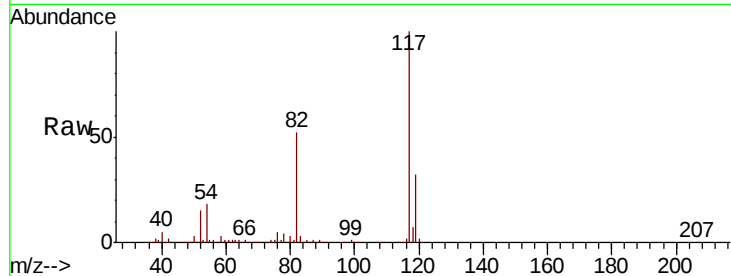




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057266.D
Acq: 13 Aug 2019 23:28

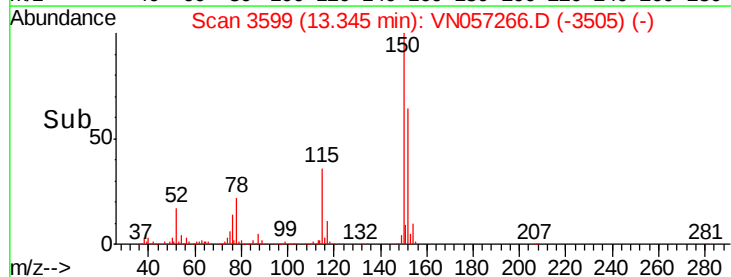
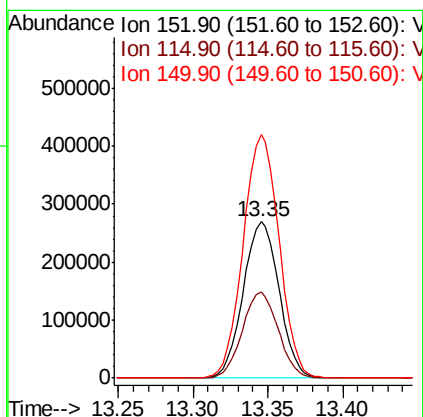
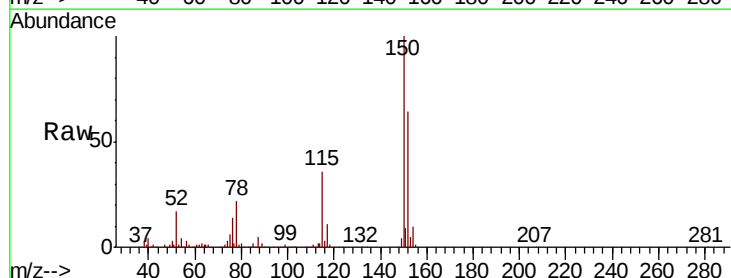
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C3-(0)

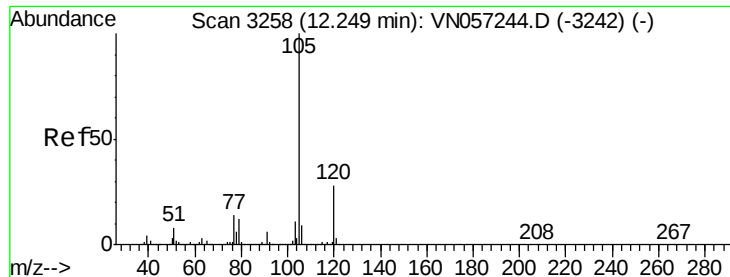
Tgt Ion:117 Resp: 1679868
Ion Ratio Lower Upper
117 100
82 51.6 40.9 61.3
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057266.D
Acq: 13 Aug 2019 23:28

Tgt Ion:152 Resp: 450779
Ion Ratio Lower Upper
152 100
115 55.3 27.6 82.8
150 156.1 0.0 348.4





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. 0.15 min

Lab File: VN057266.D

Acq: 13 Aug 2019 23:28

Instrument :

MSVOA_N

ClientSampleId :

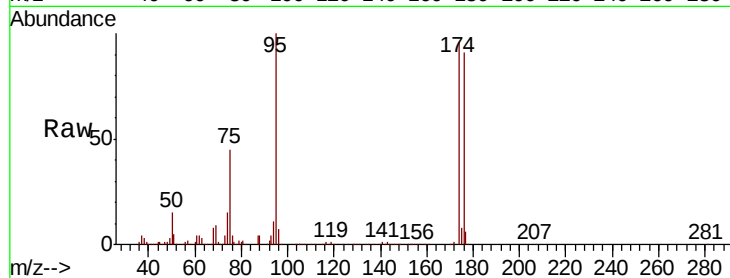
R1-R2-C3-(0)

Tgt Ion: 105 Resp: 865

Ion Ratio Lower Upper

105 100

120 13.8 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.40

800

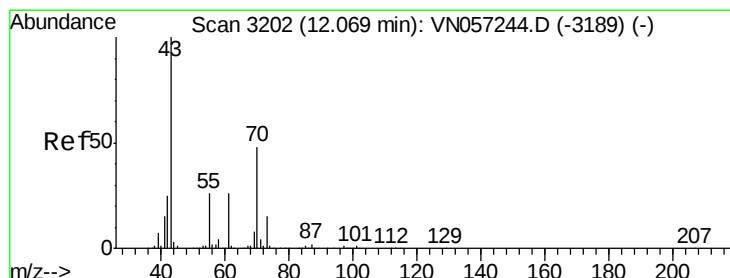
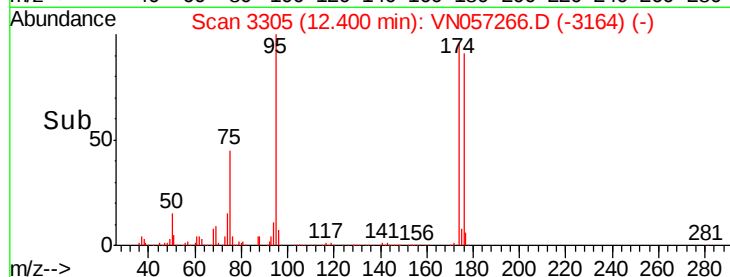
600

400

200

0

Time-->



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057266.D

Acq: 13 Aug 2019 23:28

Tgt Ion: 43 Resp: 7821

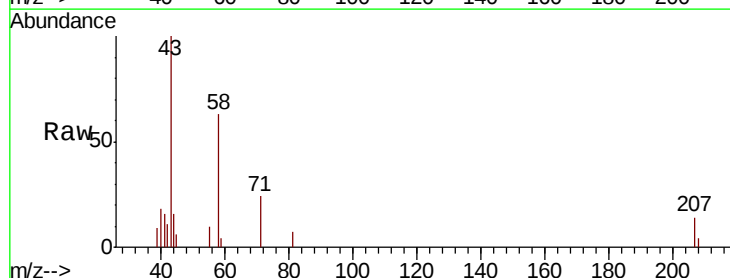
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.2#

55 6.0 21.0 31.4#

61 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.03

6000

5000

4000

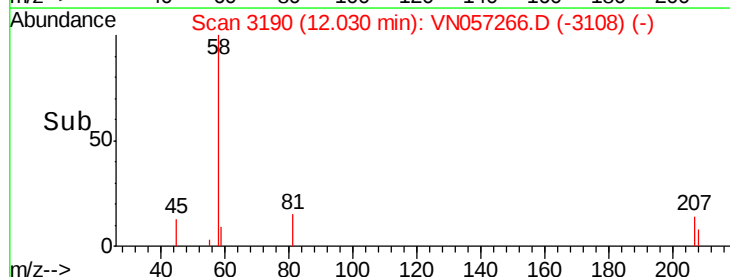
3000

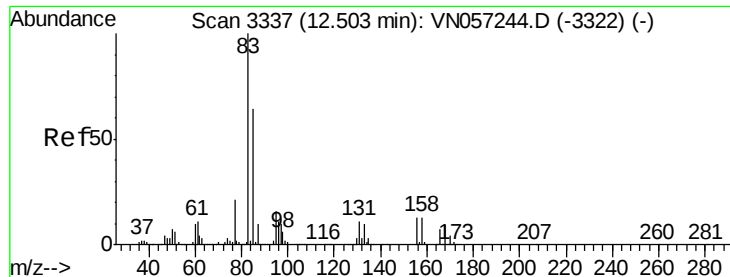
2000

1000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.10 min

Lab File: VN057266.D

Acq: 13 Aug 2019 23:28

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C3-(0)

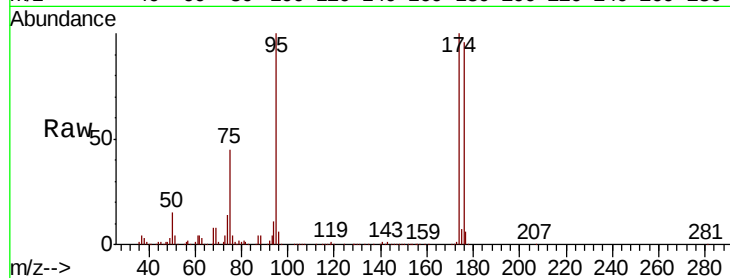
Tgt Ion: 83 Resp: 225

Ion Ratio Lower Upper

83 100

131 391.1 5.6 16.8#

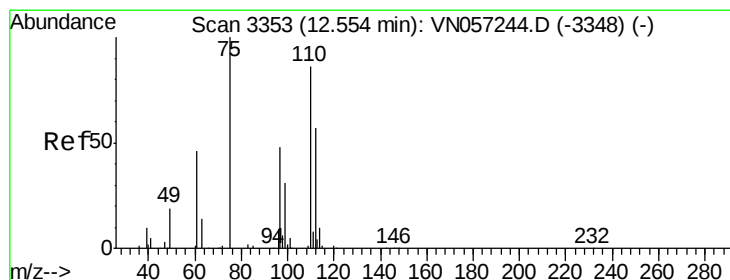
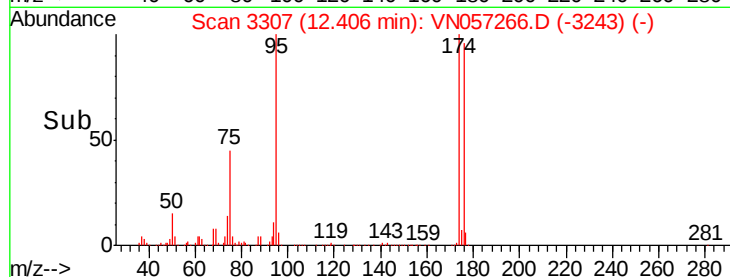
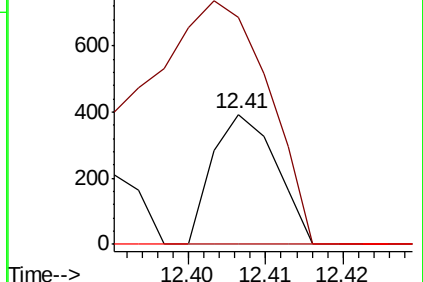
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 35.554 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057266.D

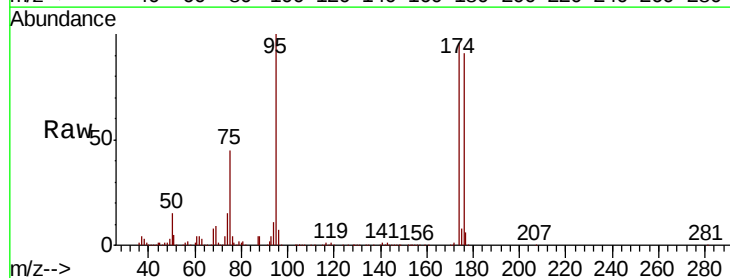
Acq: 13 Aug 2019 23:28

Tgt Ion: 75 Resp: 288525

Ion Ratio Lower Upper

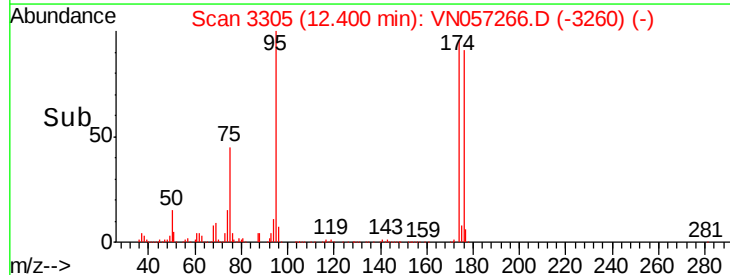
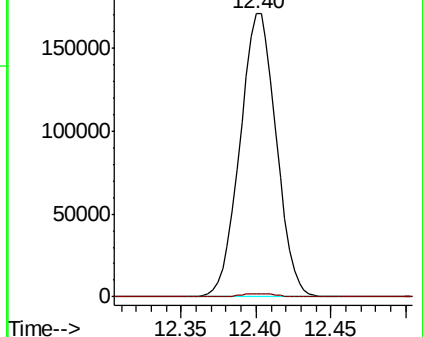
75 100

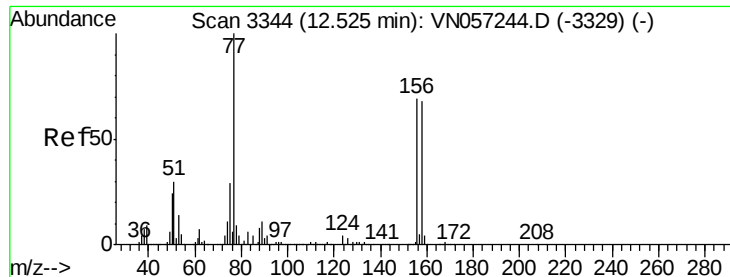
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.12 min

Lab File: VN057266.D

Acq: 13 Aug 2019 23:28

Instrument :

MSVOA_N

ClientSampled :

R1-R2-C3-(0)

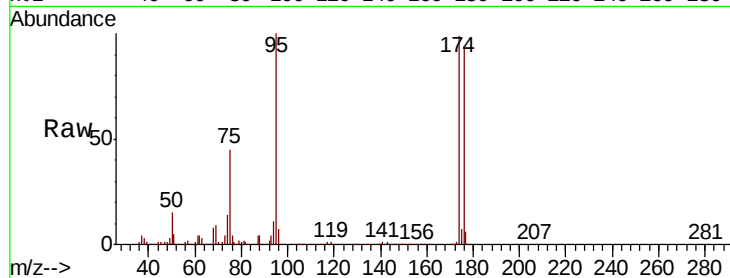
Tgt Ion:156 Resp: 232

Ion Ratio Lower Upper

156 100

77 1572.4 88.0 264.1#

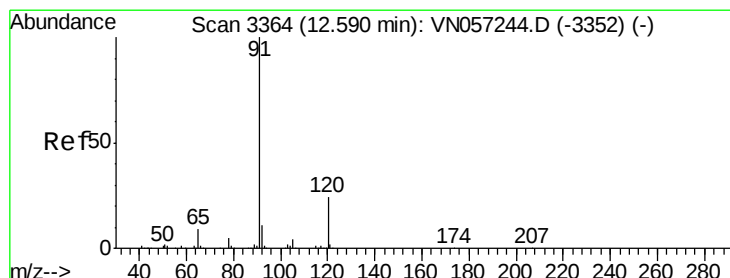
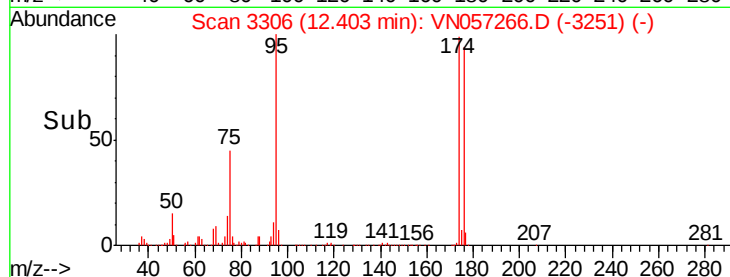
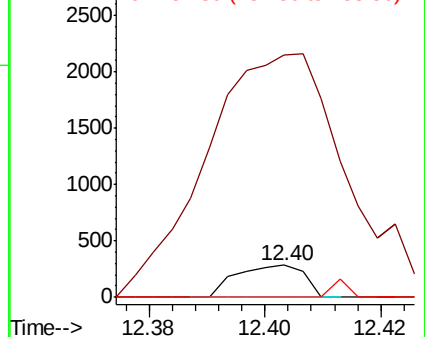
158 13.8 49.4 148.0#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: Below Cal

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057266.D

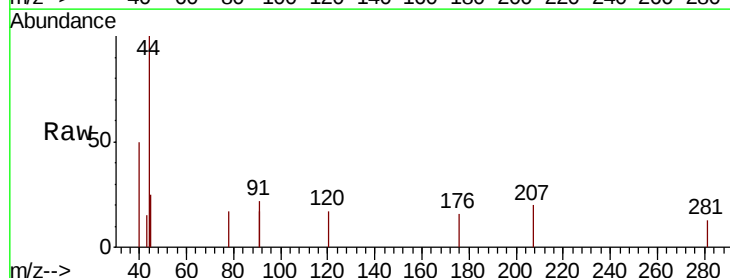
Acq: 13 Aug 2019 23:28

Tgt Ion: 91 Resp: 367

Ion Ratio Lower Upper

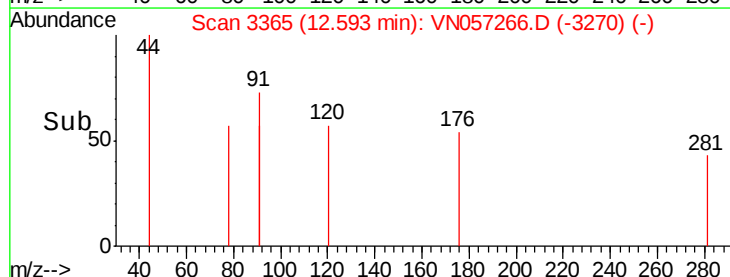
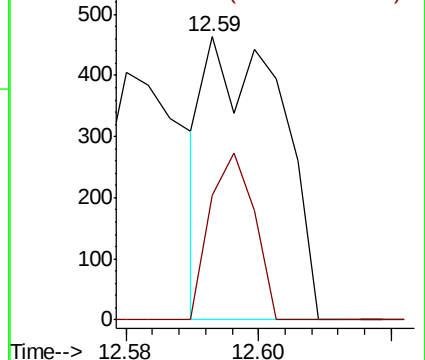
91 100

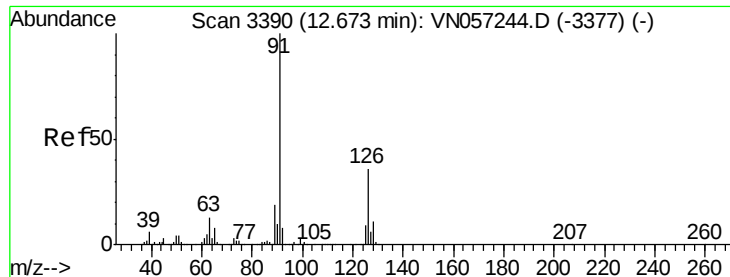
120 34.6 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

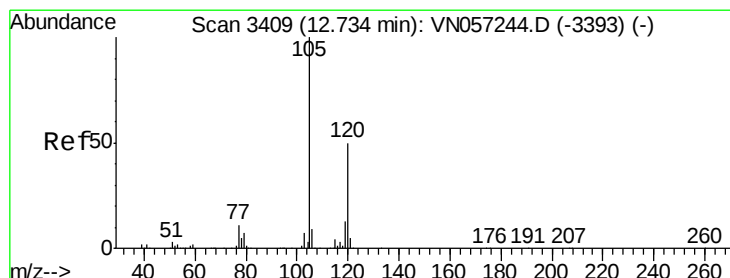
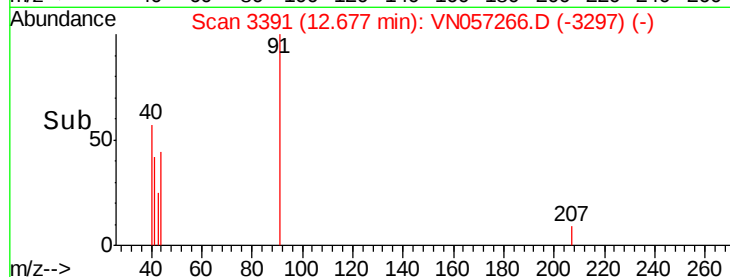
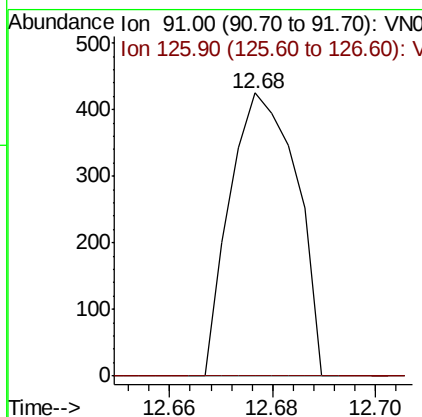
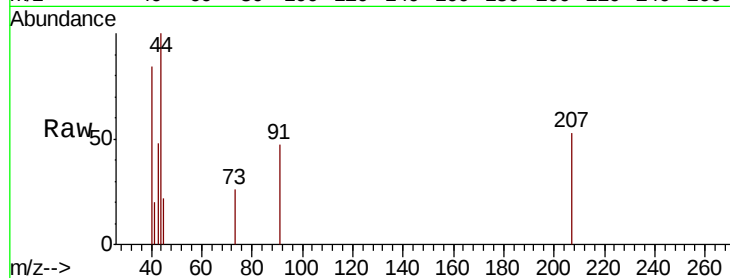




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN057266.D
 Acq: 13 Aug 2019 23:28

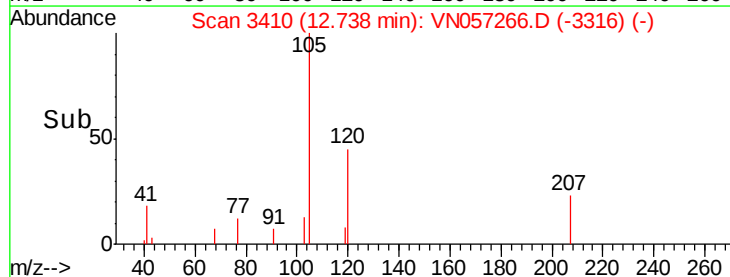
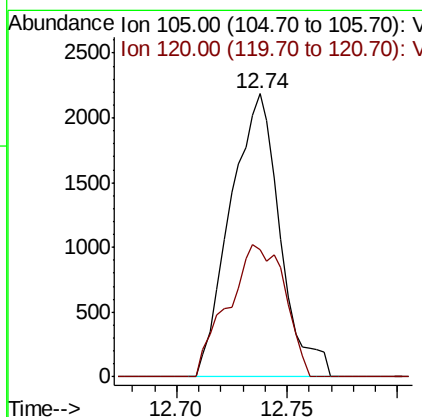
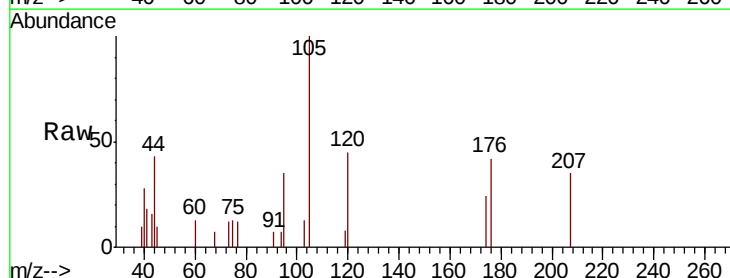
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C3-(0)

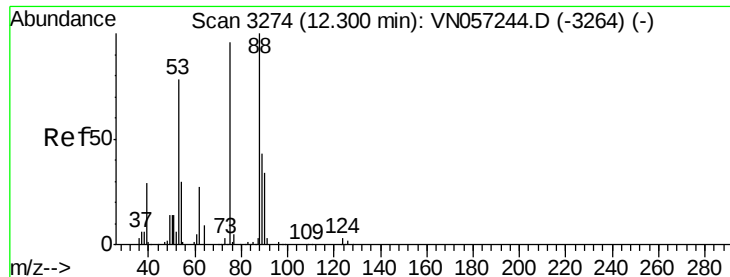
Tgt Ion: 91 Resp: 379
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.0 54.0#



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN057266.D
 Acq: 13 Aug 2019 23:28

Tgt Ion: 105 Resp: 3412
 Ion Ratio Lower Upper
 105 100
 120 53.3 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 85.972 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057266.D

Acq: 13 Aug 2019 23:28

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C3-(0)

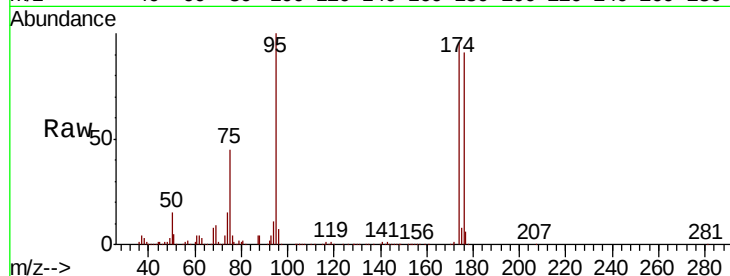
Tgt Ion: 75 Resp: 288525

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.6#

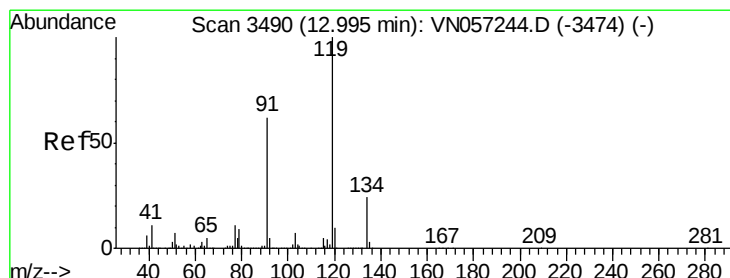
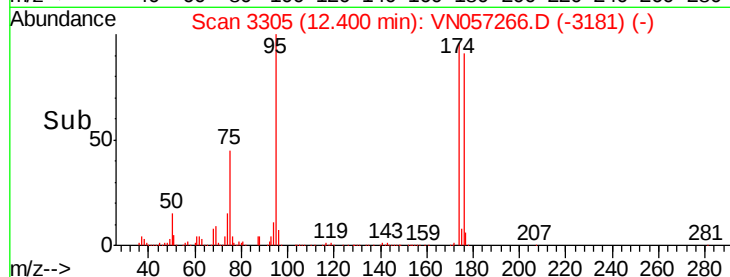
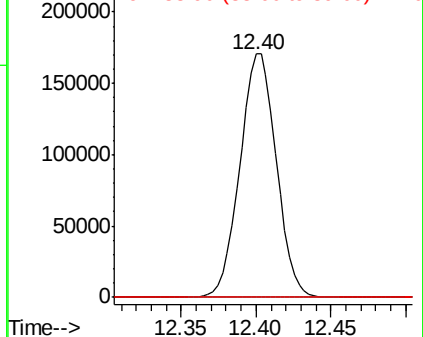
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VN057266.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN057266.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN057266.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.00 min Scan# 3492

Delta R.T. 0.01 min

Lab File: VN057266.D

Acq: 13 Aug 2019 23:28

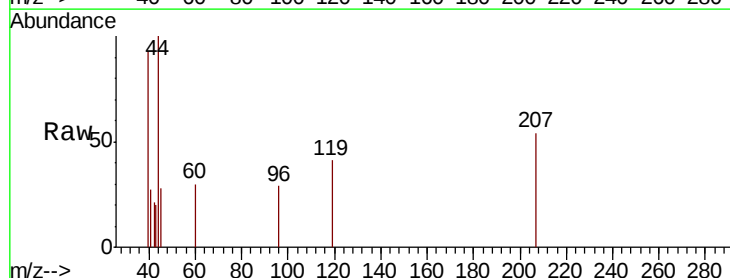
Tgt Ion: 119 Resp: 225

Ion Ratio Lower Upper

119 100

91 0.0 30.8 92.3#

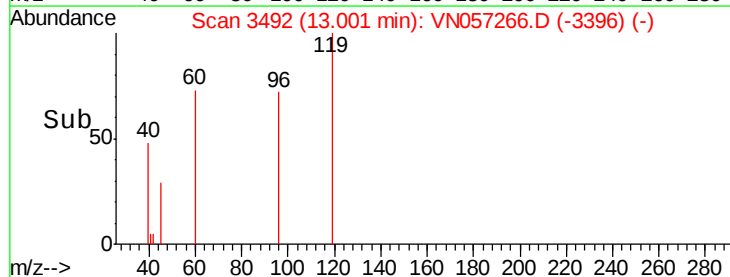
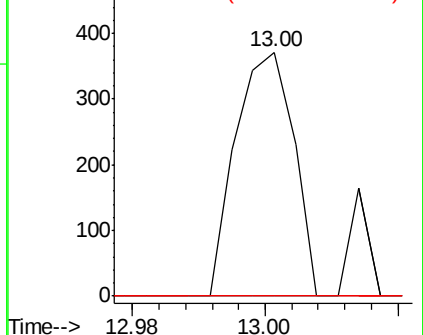
134 0.0 12.9 38.7#

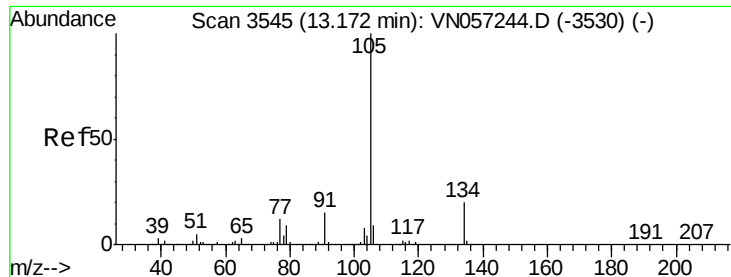


Abundance Ion 119.00 (118.70 to 119.70): VN057266.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN057266.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN057266.D (-3396) (-)

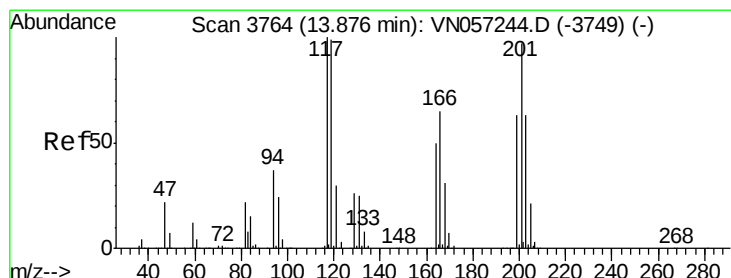
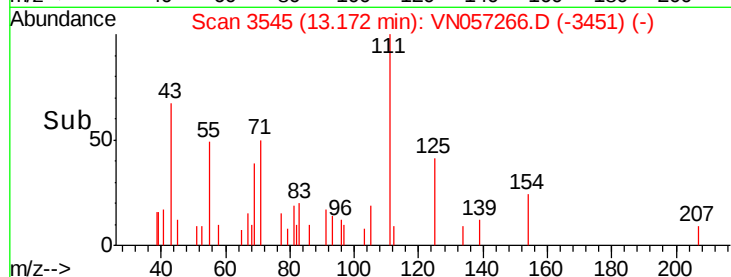
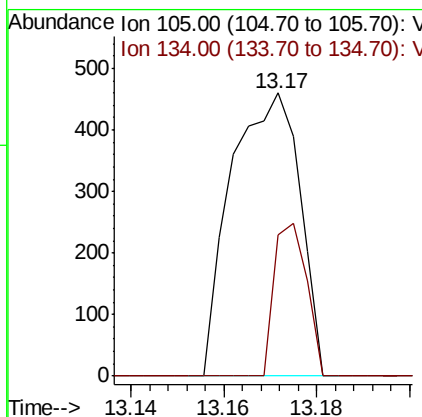
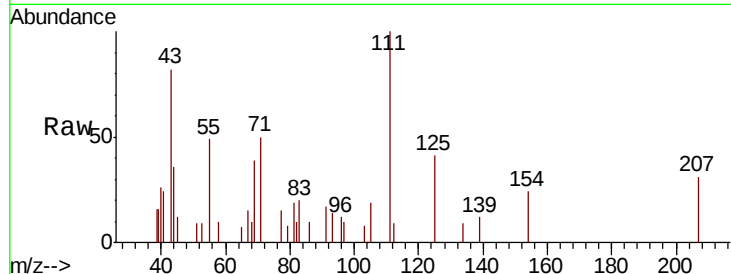




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN057266.D
 Acq: 13 Aug 2019 23:28

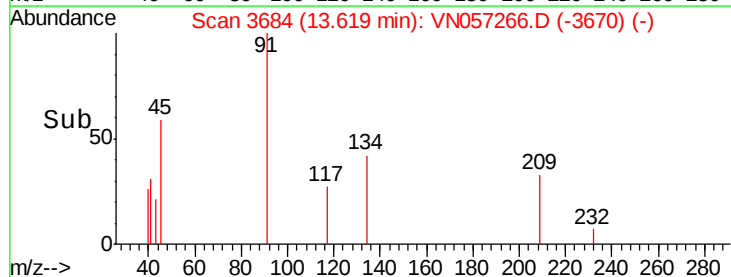
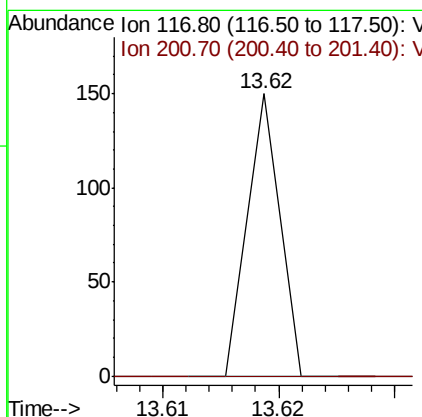
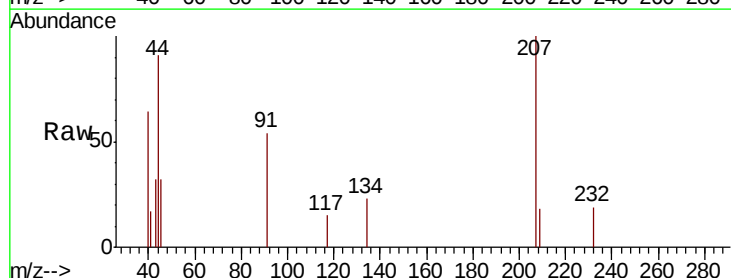
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C3-(0)

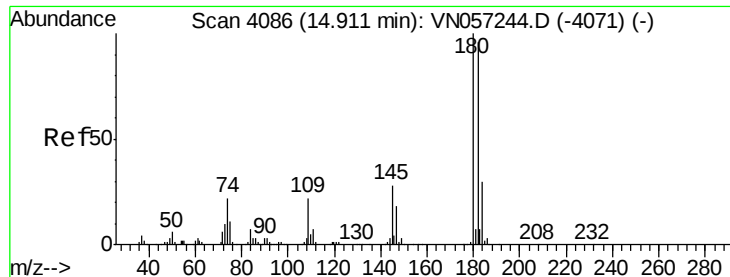
Tgt Ion:105 Resp: 475
 Ion Ratio Lower Upper
 105 100
 134 25.7 10.4 31.2



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.62 min Scan# 3684
 Delta R.T. -0.26 min
 Lab File: VN057266.D
 Acq: 13 Aug 2019 23:28

Tgt Ion:117 Resp: 29
 Ion Ratio Lower Upper
 117 100
 201 0.0 49.5 148.5#

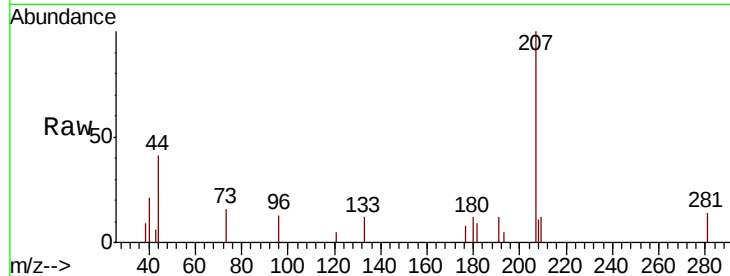




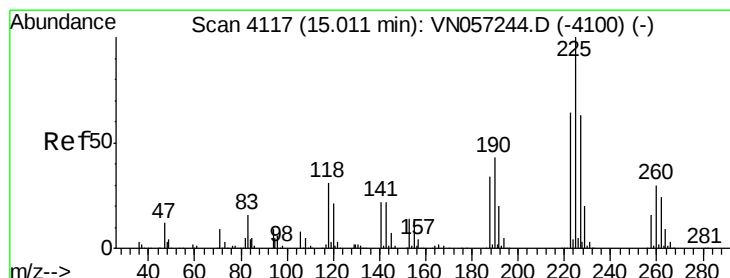
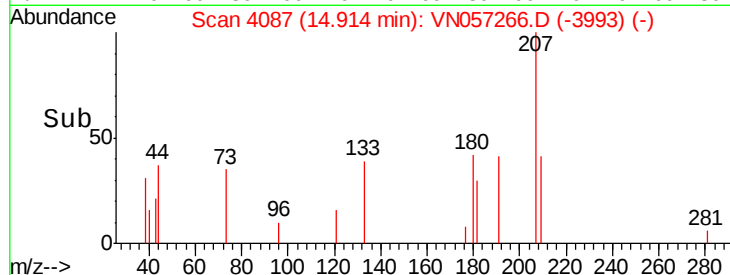
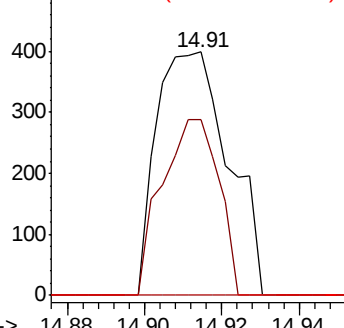
#93
 1,2,4-Trichlorobenzene
 Concen: 3.327 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057266.D
 Acq: 13 Aug 2019 23:28

Instrument :
 MSVOA_N
 ClientSampled :
 R1-R2-C3-(0)

Tgt Ion:180 Resp: 518
 Ion Ratio Lower Upper
 180 100
 182 56.9 47.7 143.1
 145 0.0 14.2 42.6#

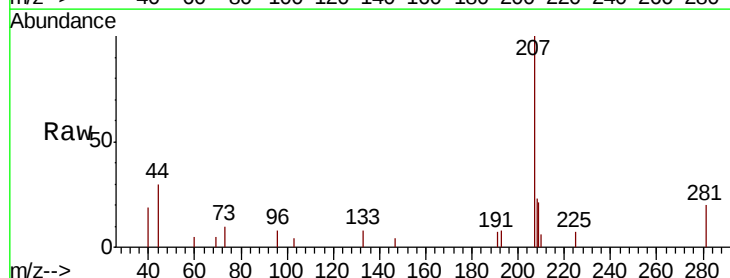


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

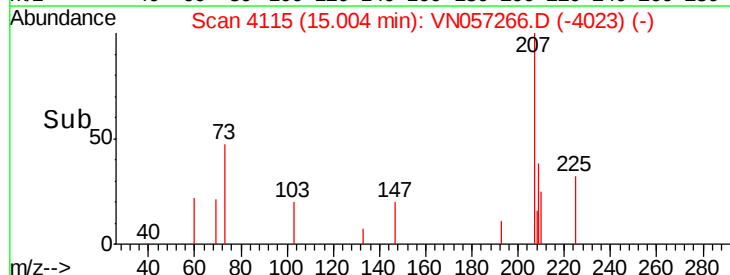
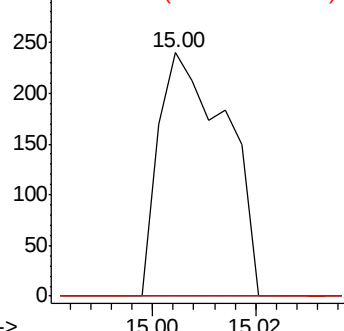


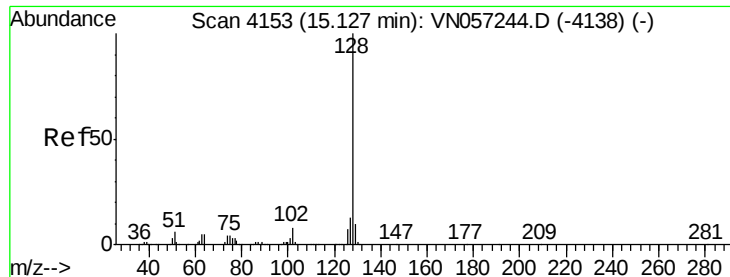
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.01 min
 Lab File: VN057266.D
 Acq: 13 Aug 2019 23:28

Tgt Ion:225 Resp: 218
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.4 94.2#
 227 0.0 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





#95

Naphthalene

Concen: Below Cal

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057266.D

Acq: 13 Aug 2019 23:28

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C3-(0)

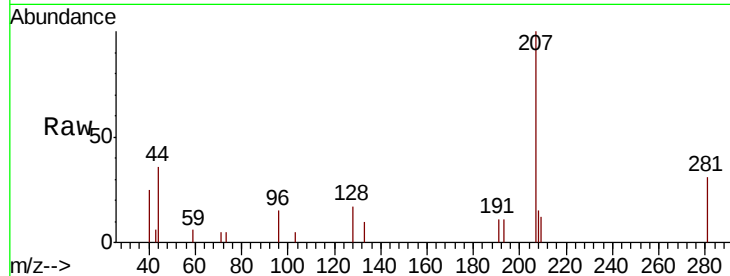
Tgt Ion:128 Resp: 519

Ion Ratio Lower Upper

128 100

127 6.6 10.4 15.6#

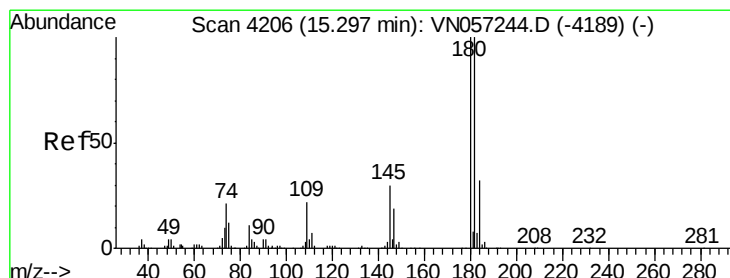
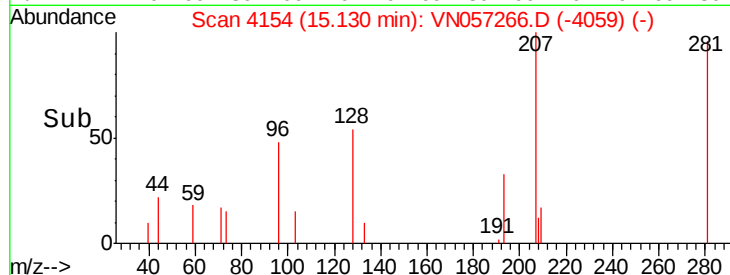
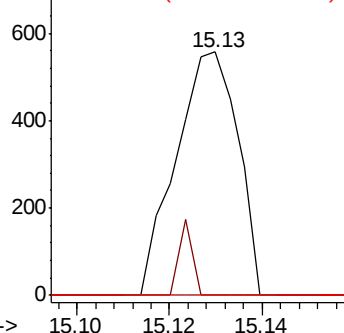
129 0.0 8.5 12.7#



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



#96

1,2,3-Trichlorobenzene

Concen: 4.315 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN057266.D

Acq: 13 Aug 2019 23:28

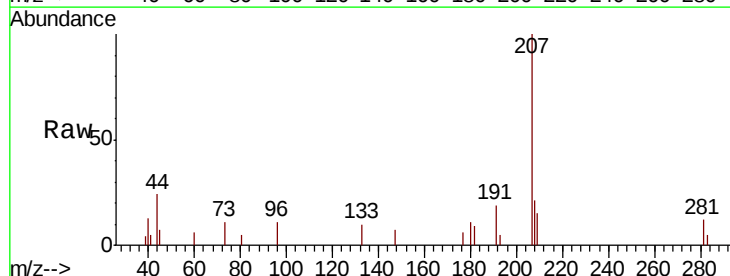
Tgt Ion:180 Resp: 459

Ion Ratio Lower Upper

180 100

182 77.6 48.9 146.7

145 0.0 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

