

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
 Data File : VN057486.D
 Acq On : 23 Aug 2019 21:19
 Operator : JC/SP
 Sample : K4472-30
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S1(2.5)

Quant Time: Aug 26 05:14:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	389964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	691638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	556948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	140046	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	327117	47.69	ug/l	0.00
Spiked Amount						
				Recovery	=	95.38%
35) Dibromofluoromethane	7.57	113	221641	47.44	ug/l	0.00
Spiked Amount						
				Recovery	=	94.88%
50) Toluene-d8	10.08	98	870322	49.27	ug/l	0.00
Spiked Amount						
				Recovery	=	98.54%
62) 4-Bromofluorobenzene	12.40	95	237694	39.71	ug/l	0.00
Spiked Amount						
				Recovery	=	79.42%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	1361	0.207	ug/l	89
8) Diethyl Ether	3.39	74	2103	Below Cal		82
9) 1,1,2-Trichlorotrifluoroet	3.71	101	33	Below Cal	#	1
11) Tert butyl alcohol	4.78	59	272	0.319	ug/l #	1
16) Acetone	3.80	43	21775	6.912	ug/l #	77
18) Methyl Acetate	4.30	43	10049	0.534	ug/l #	68
20) Methylene Chloride	4.53	84	8808	1.814	ug/l #	85
25) 2-Butanone	6.82	43	813	0.238	ug/l #	53
31) Cyclohexane	7.65	56	12519	1.299	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	40442	5.722	ug/l #	51
38) Carbon Tetrachloride	7.65	117	43086	6.137	ug/l #	16
43) Isopropyl Acetate	8.16	43	76680	5.988	ug/l	100
46) Dibromomethane	9.44	93	63	Below Cal	#	10
48) Methyl methacrylate	9.18	41	4262	0.700	ug/l #	15
49) 1,4-Dioxane	8.94	88	30	0.381	ug/l #	18
51) 4-Methyl-2-Pentanone	9.98	43	4499	0.630	ug/l #	64
54) cis-1,3-Dichloropropene	9.90	75	33869	3.685	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	3562	0.414	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.69	63	81	17.099	ug/l #	52
59) 2-Hexanone	10.76	43	65725	13.428	ug/l #	54
71) Bromoform	12.41	173	1161	0.398	ug/l #	1
73) Isopropylbenzene	12.40	105	397	Below Cal	#	64
74) N-amyl acetate	12.06	43	837	Below Cal	#	35
75) 1,1,2,2-Tetrachloroethane	12.50	83	30	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	136580	43.581	ug/l #	100
78) n-propylbenzene	12.60	91	750	Below Cal	#	55
79) 2-Chlorotoluene	12.69	91	170	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.72	105	344	Below Cal	#	12
81) trans-1,4-Dichloro-2-buten	12.40	75	136580	111.919	ug/l #	9
82) 4-Chlorotoluene	12.79	91	64	Below Cal	#	45
85) sec-Butylbenzene	13.17	105	182	Below Cal		95
92) 1,2-Dibromo-3-Chloropropan	14.21	75	64	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.91	180	373	5.562	ug/l #	36
95) Naphthalene	15.12	128	352	4.397	ug/l #	69

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QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

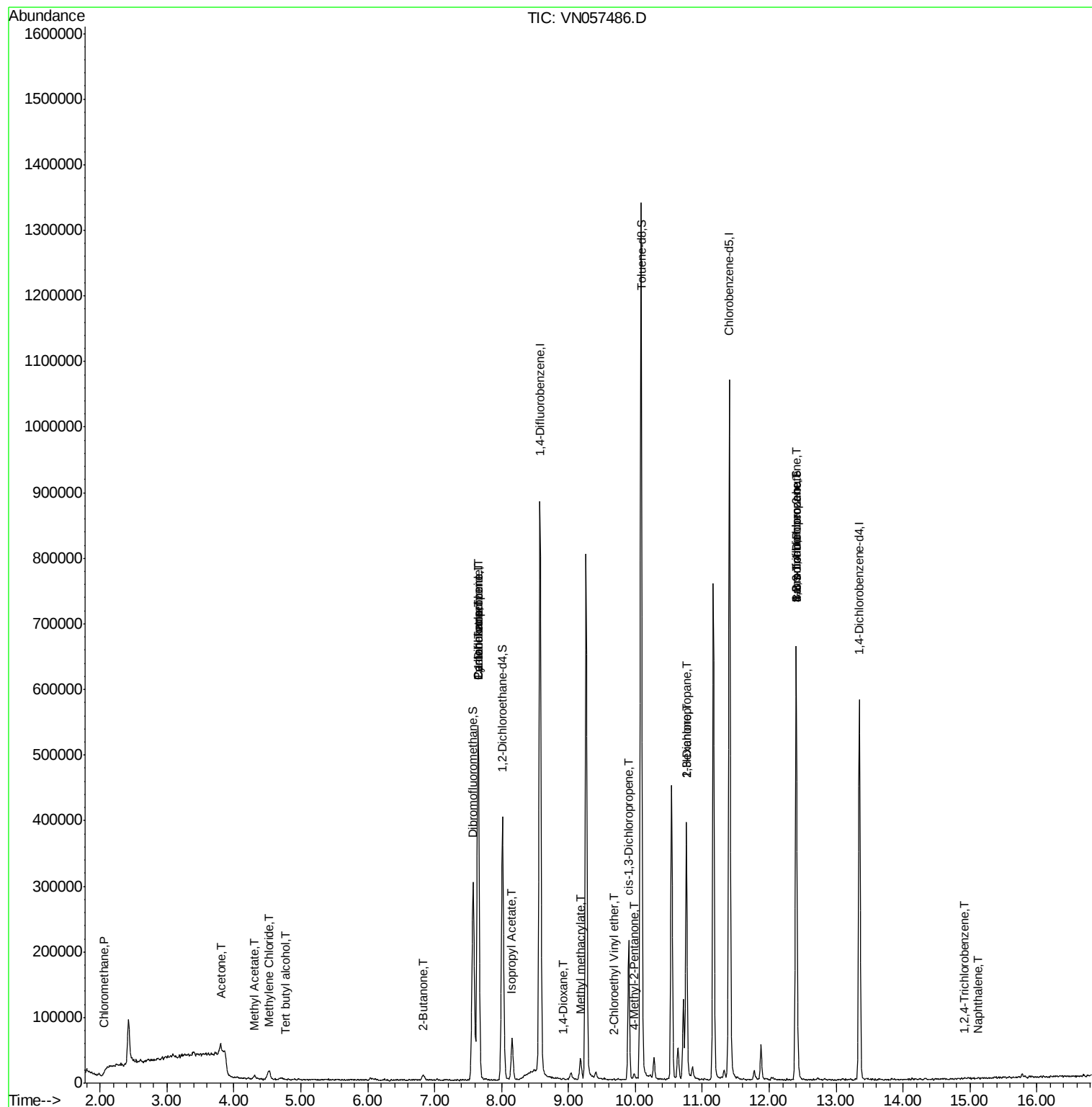
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

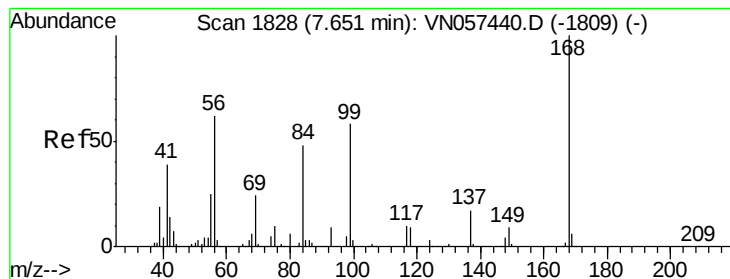
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
Data File : VN057486.D
Acq On : 23 Aug 2019 21:19
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Sample : K4472-30
Misc : 5.00mL/MSVOA_N/WATER
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampleId :

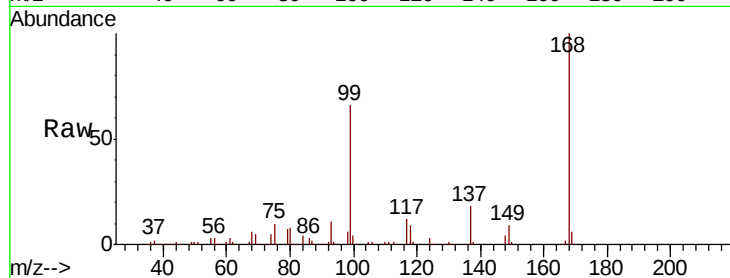
T2-S1(2.5)

Tgt Ion:168 Resp: 389964

Ion Ratio Lower Upper

168 100

99 65.9 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

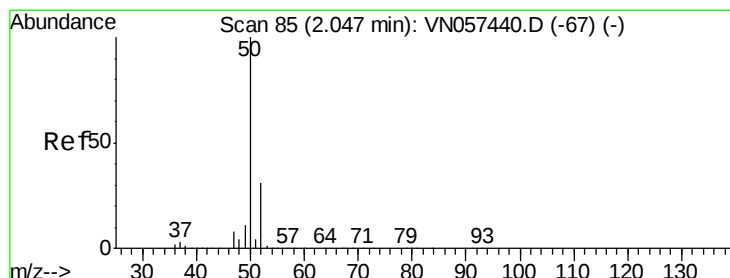
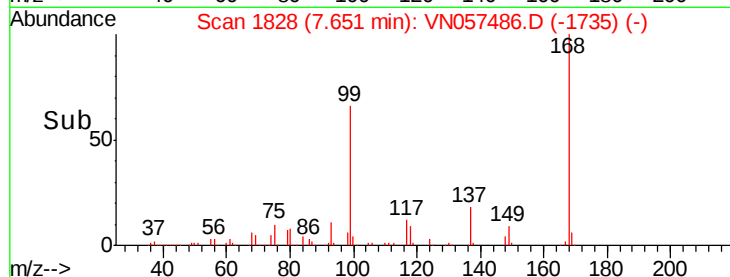
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.207 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN057486.D

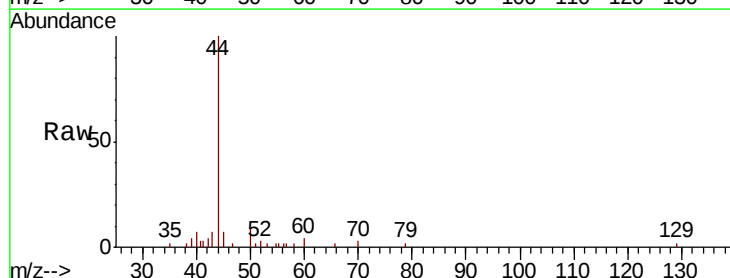
Acq: 23 Aug 2019 21:19

Tgt Ion: 50 Resp: 1361

Ion Ratio Lower Upper

50 100

52 37.2 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.05

800

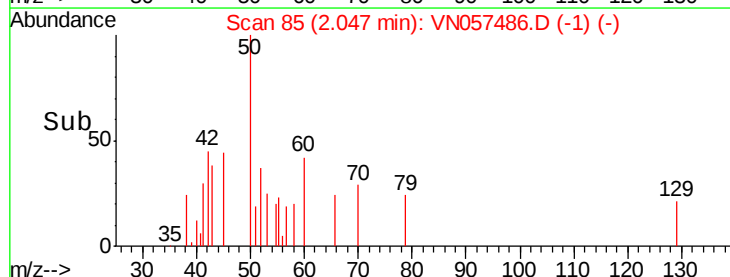
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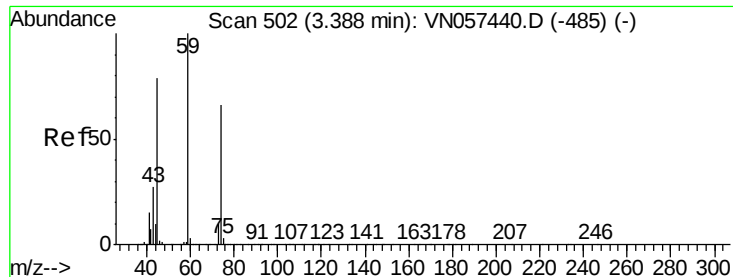
400

200

0

Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 3.39 min Scan# 503

Delta R.T. 0.00 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampleId :

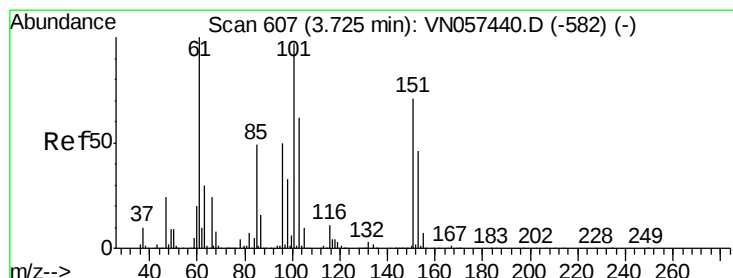
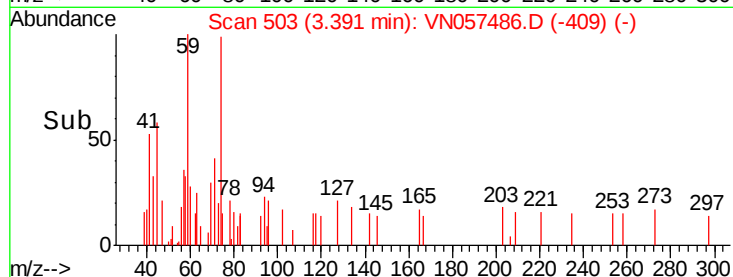
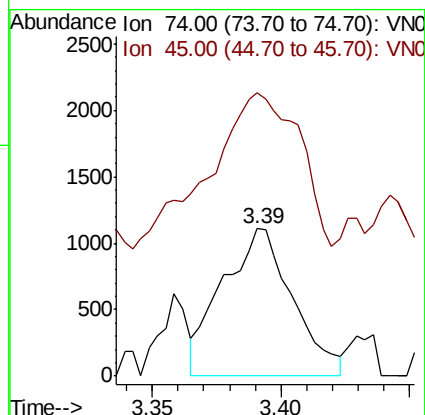
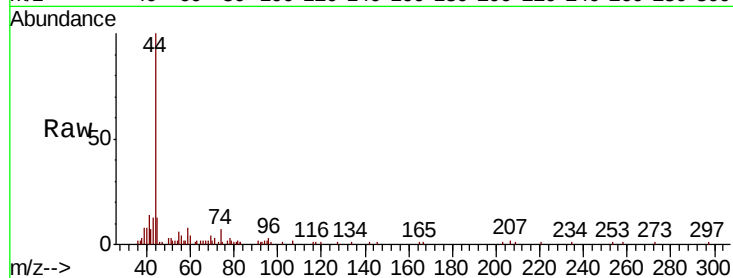
T2-S1(2.5)

Tgt Ion: 74 Resp: 2103

Ion Ratio Lower Upper

74 100

45 135.7 57.9 173.6



#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.71 min Scan# 602

Delta R.T. -0.02 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

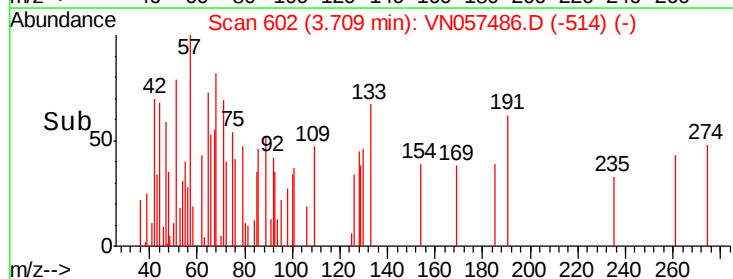
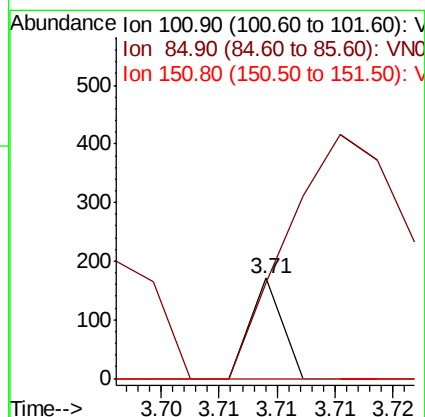
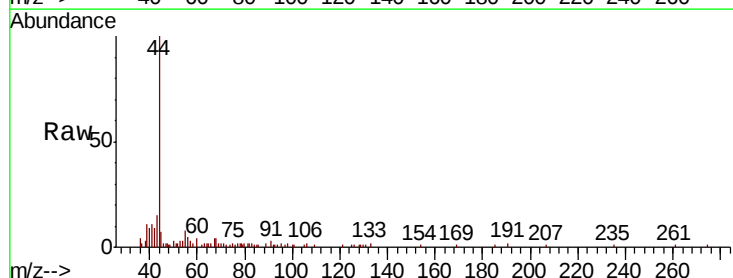
Tgt Ion: 101 Resp: 33

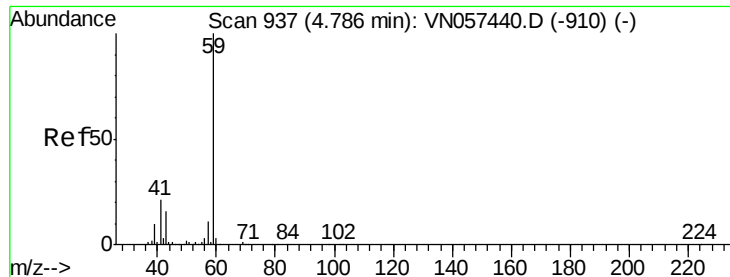
Ion Ratio Lower Upper

101 100

85 872.7 40.0 60.0#

151 0.0 57.0 85.6#



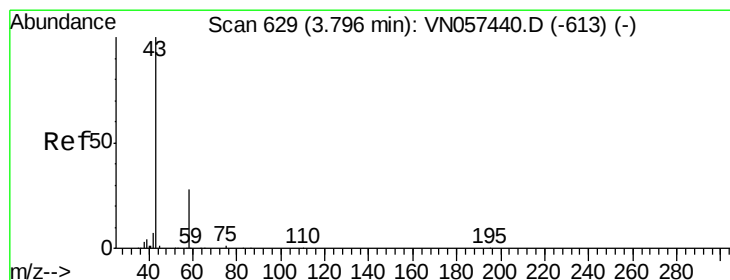
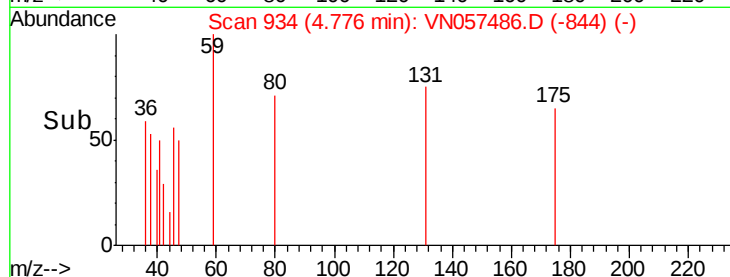
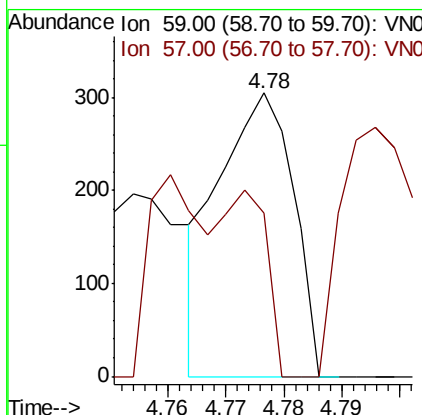
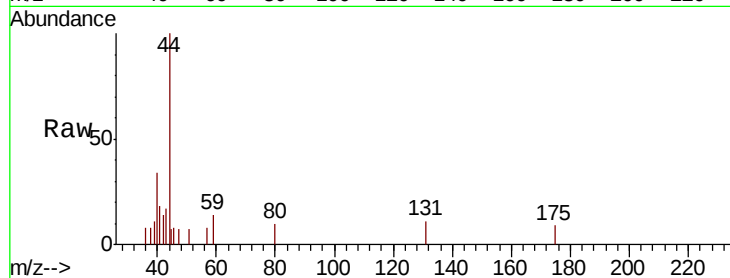


#11

Tert butyl alcohol
Concen: 0.319 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.01 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
T2-S1(2.5)

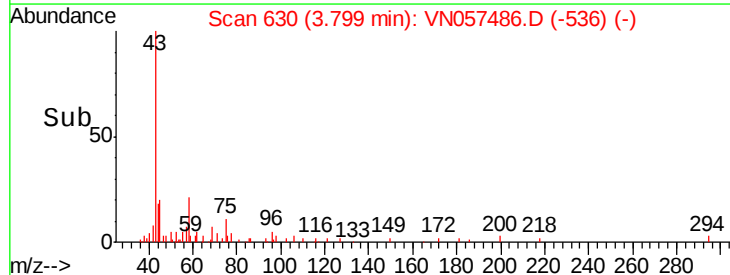
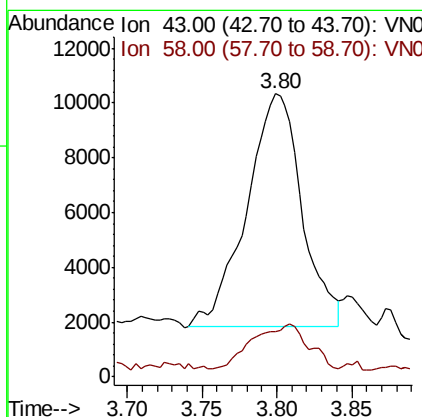
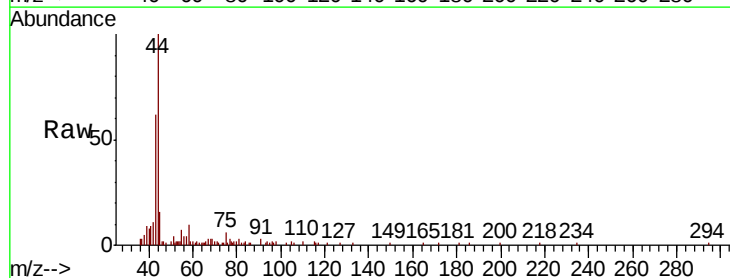
Tgt Ion: 59 Resp: 272
Ion Ratio Lower Upper
59 100
57 52.2 9.1 13.7#

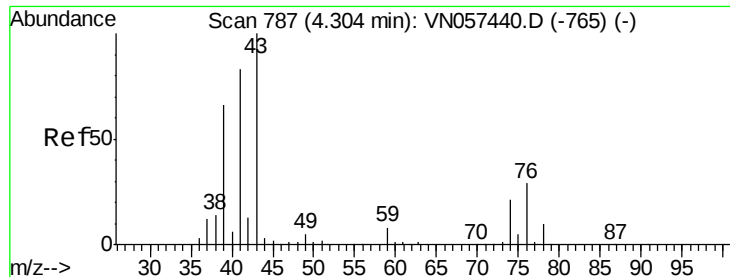


#16

Acetone
Concen: 6.912 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.00 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

Tgt Ion: 43 Resp: 21775
Ion Ratio Lower Upper
43 100
58 15.8 22.1 33.1#

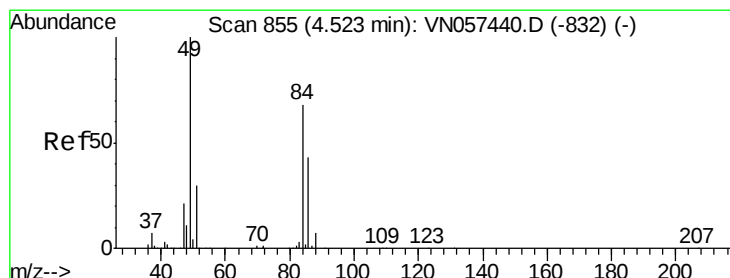
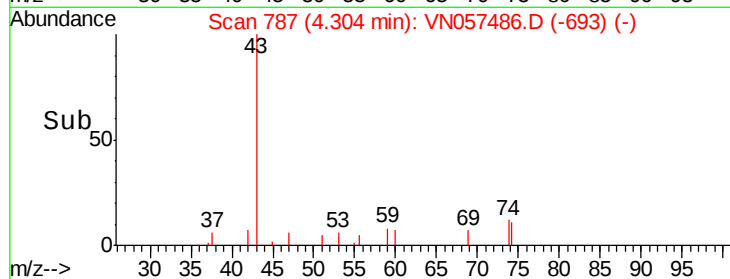
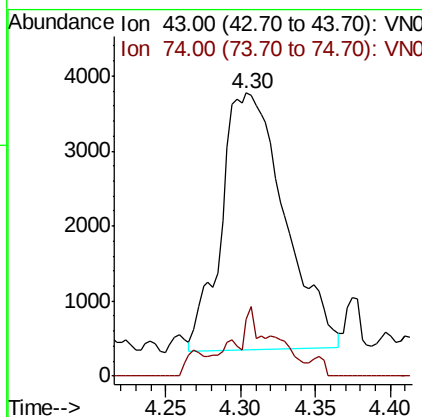
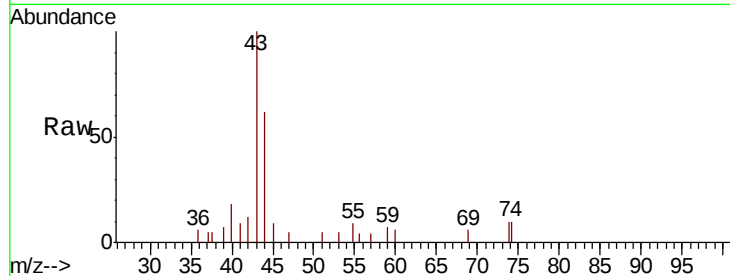




#18
Methyl Acetate
Concen: 0.534 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

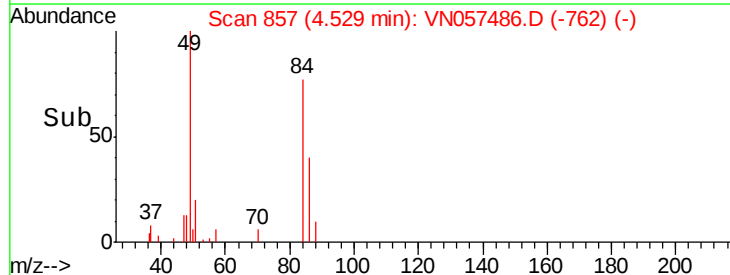
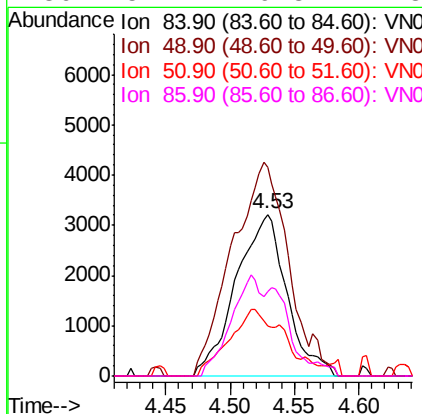
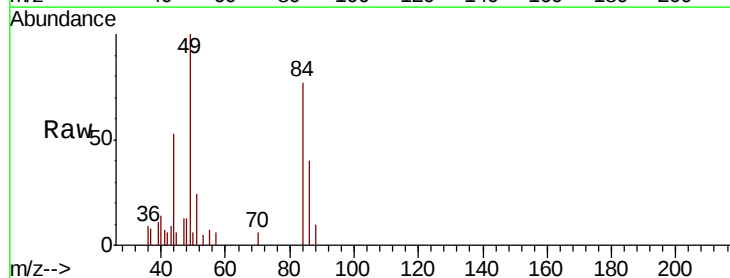
Instrument :
MSVOA_N
ClientSampleId :
T2-S1(2.5)

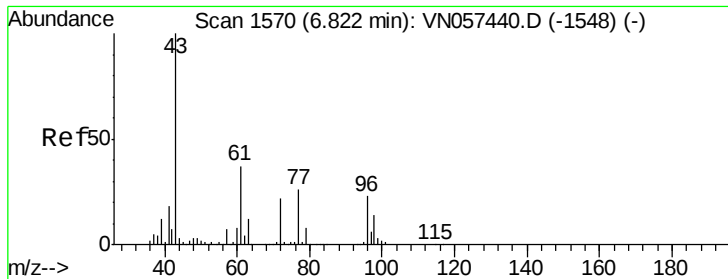
Tgt Ion: 43 Resp: 10049
Ion Ratio Lower Upper
43 100
74 5.1 15.9 23.9#



#20
Methylene Chloride
Concen: 1.814 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

Tgt Ion: 84 Resp: 8808
Ion Ratio Lower Upper
84 100
49 129.2 117.0 175.4
51 31.3 35.5 53.3#
86 52.2 49.8 74.8





#25

2-Butanone

Concen: 0.238 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampled :

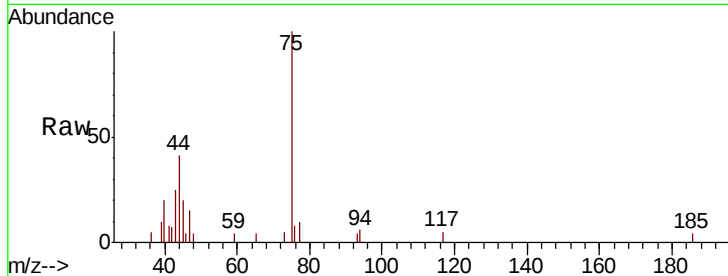
T2-S1(2.5)

Tgt Ion: 43 Resp: 813

Ion Ratio Lower Upper

43 100

72 0.0 17.8 26.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.82

1000

800

600

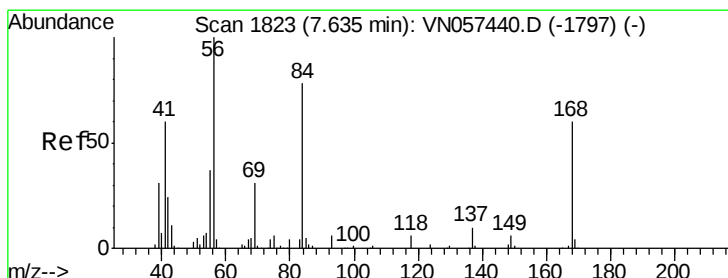
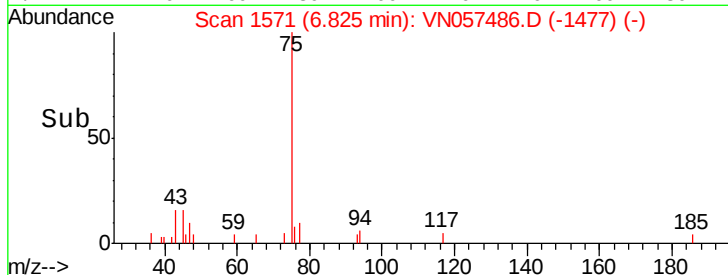
400

200

0

Time-->

6.78 6.80 6.82 6.84



#31

Cyclohexane

Concen: 1.299 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.02 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

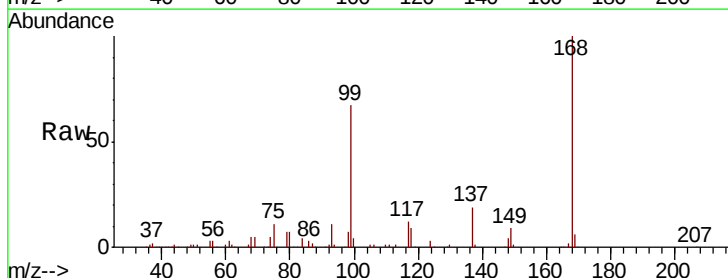
Tgt Ion: 56 Resp: 12519

Ion Ratio Lower Upper

56 100

69 168.3 25.0 37.6#

84 119.7 62.5 93.7#



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

10000

8000

6000

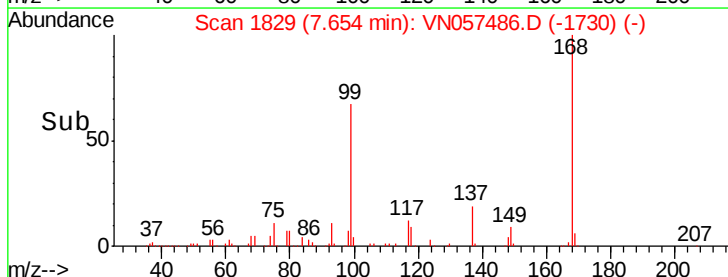
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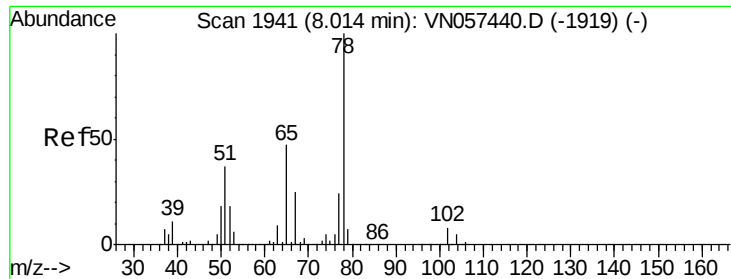
2000

0

Time-->

7.55 7.60 7.65 7.70

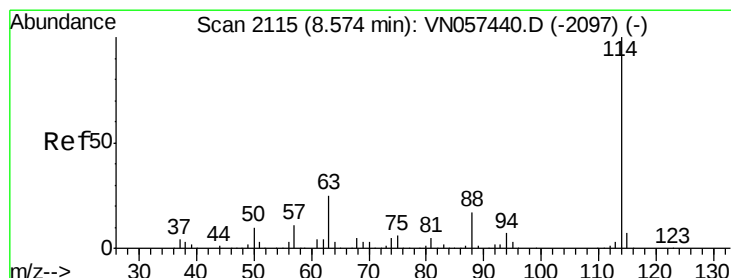
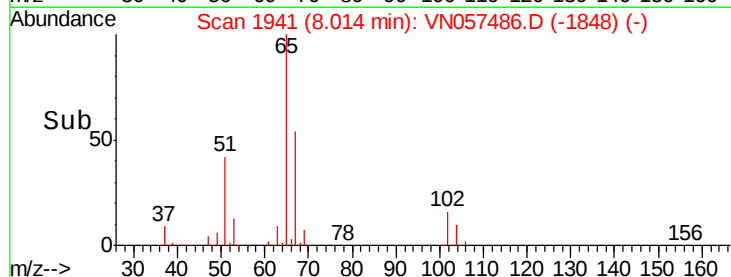
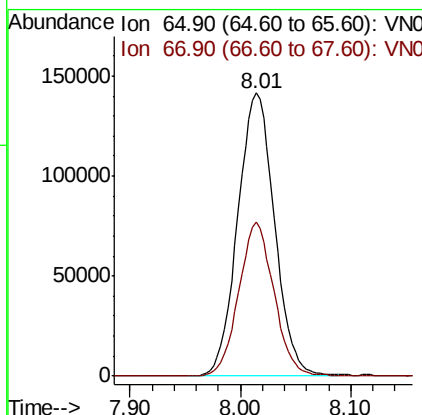
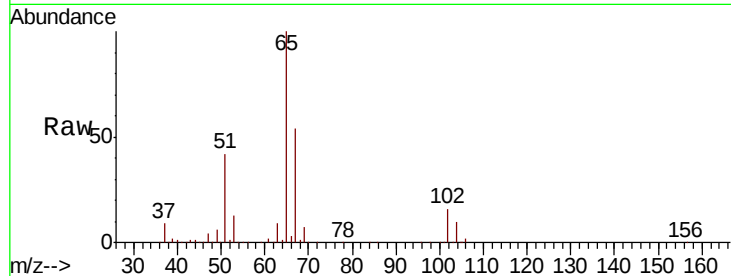




#33
 1,2-Dichloroethane-d4
 Concen: 47.685 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057486.D
 Acq: 23 Aug 2019 21:19

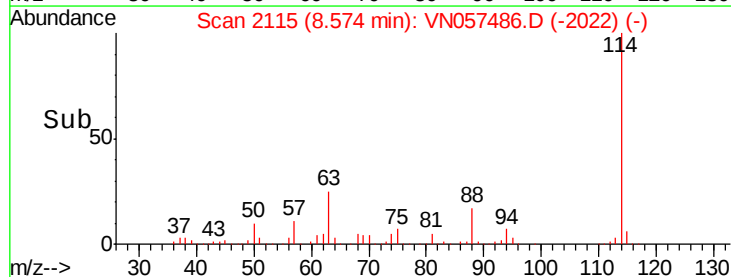
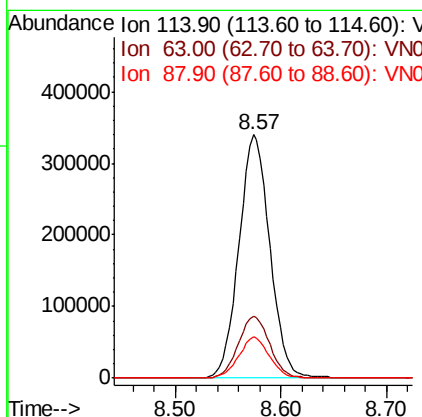
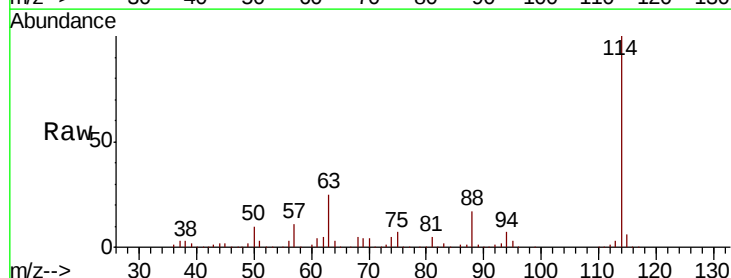
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S1(2.5)

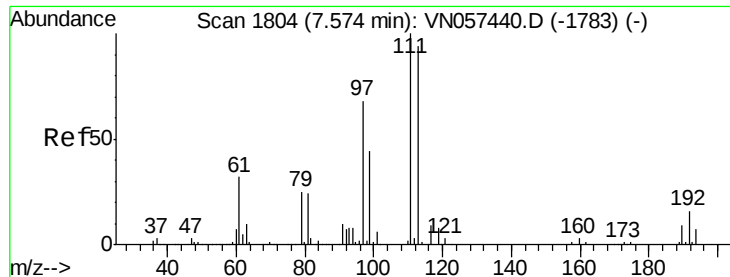
Tgt Ion: 65 Resp: 327117
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057486.D
 Acq: 23 Aug 2019 21:19

Tgt Ion: 114 Resp: 691638
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 50.2
 88 17.0 0.0 34.6

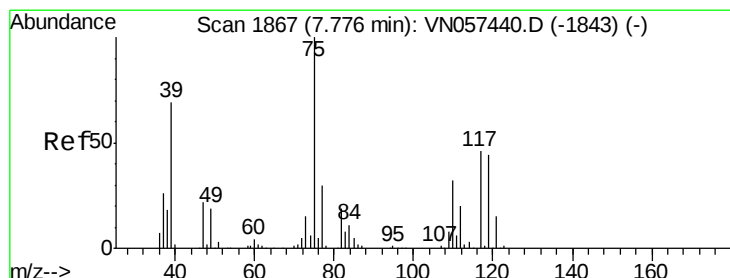
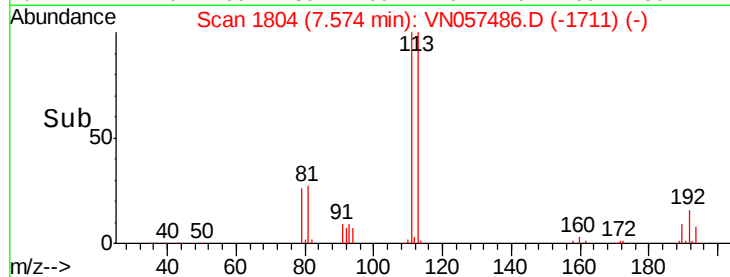
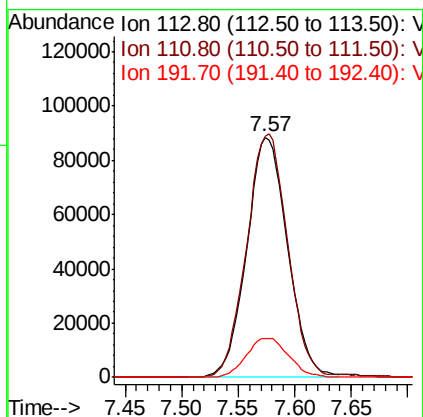
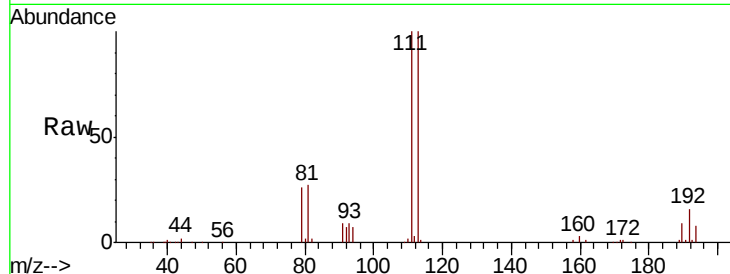




#35
 Dibromofluoromethane
 Concen: 47.443 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057486.D
 Acq: 23 Aug 2019 21:19

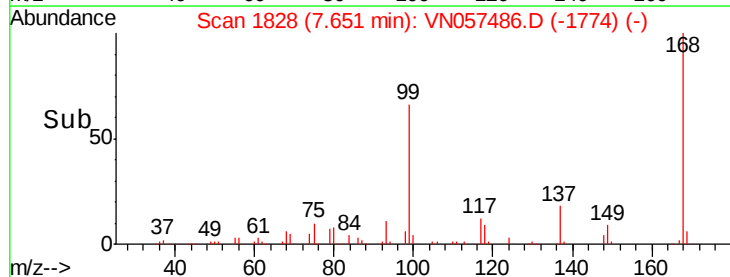
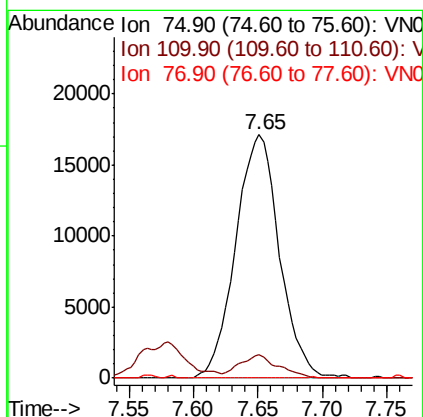
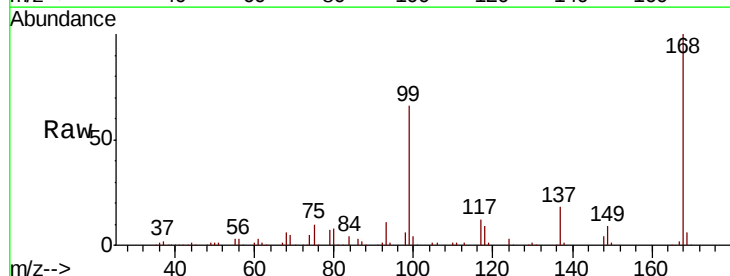
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S1(2.5)

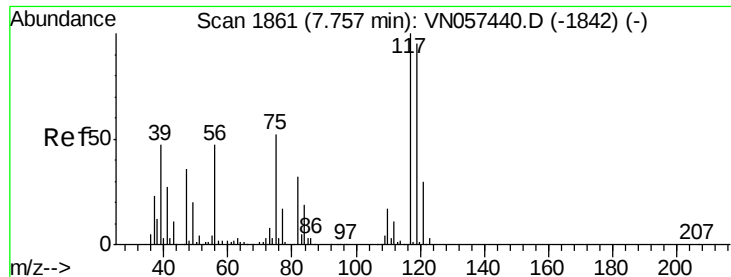
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.8	125.6
192	17.0	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 5.722 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057486.D
 Acq: 23 Aug 2019 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.1	48.3#
77	0.0	24.8	37.2#

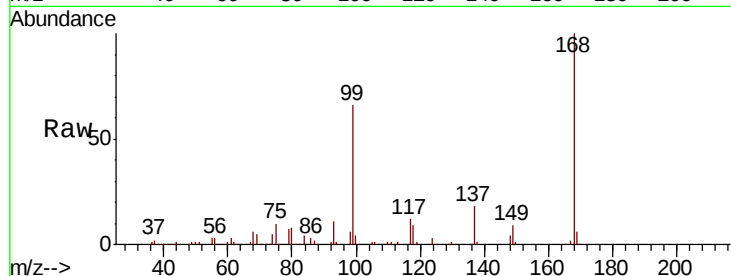




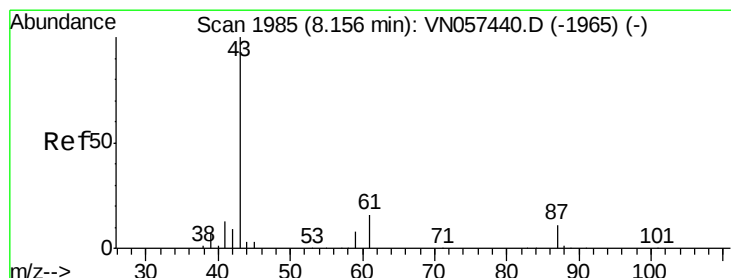
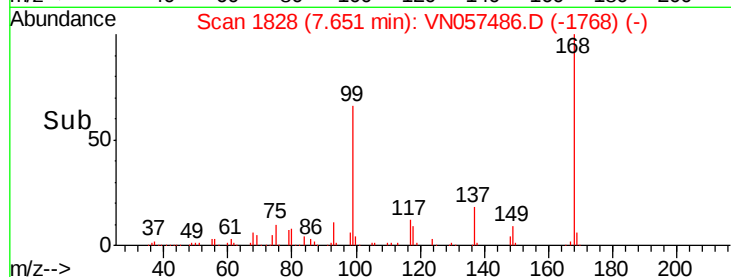
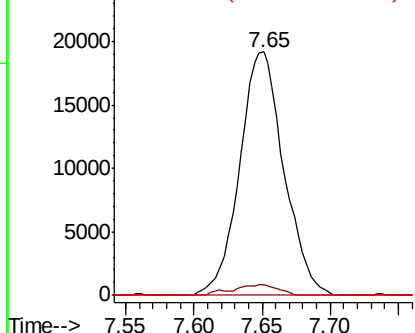
#38
Carbon Tetrachloride
Concen: 6.137 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
T2-S1(2.5)

Tgt Ion:117 Resp: 43086
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.4#
121 0.0 23.8 35.6#

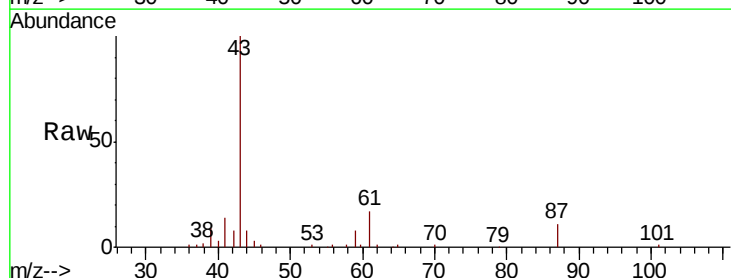


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

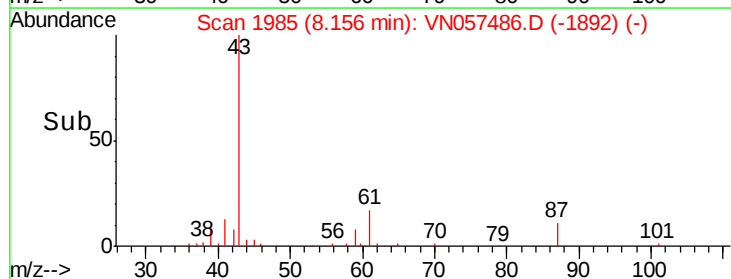
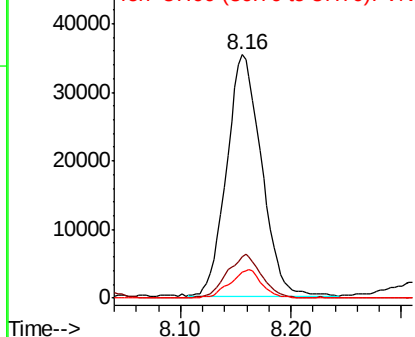


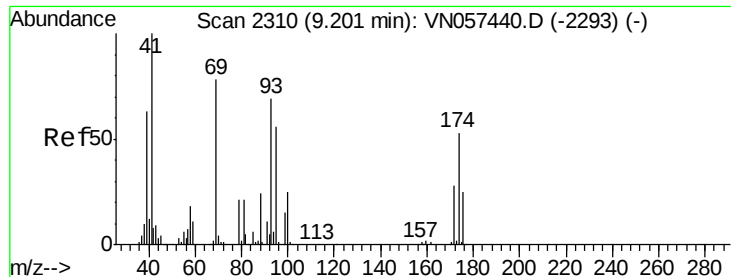
#43
Isopropyl Acetate
Concen: 5.988 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

Tgt Ion: 43 Resp: 76680
Ion Ratio Lower Upper
43 100
61 17.8 14.5 21.7
87 10.8 8.6 12.8



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

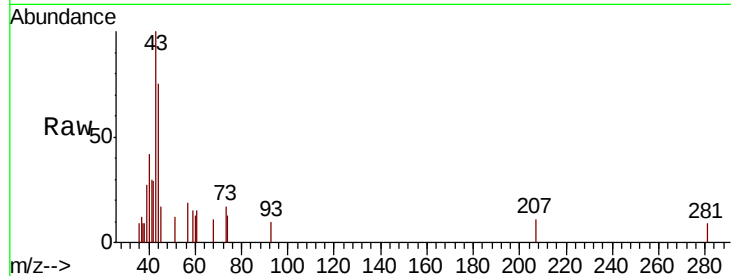




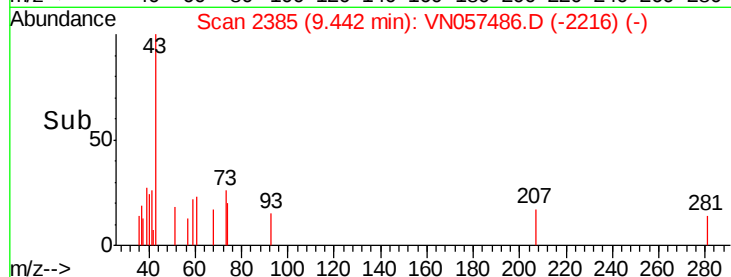
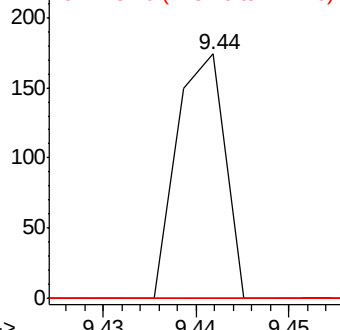
#46
Dibromomethane
Concen: Below Cal
RT: 9.44 min Scan# 2385
Delta R.T. 0.24 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
T2-S1(2.5)

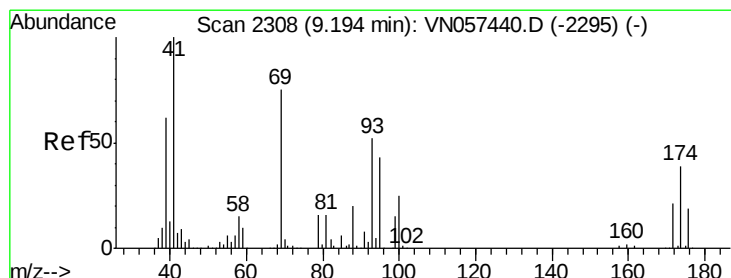
Tgt Ion: 93 Resp: 63
Ion Ratio Lower Upper
93 100
95 0.0 64.7 97.1#
174 0.0 62.3 93.5#



Abundance Ion 92.80 (92.50 to 93.50): VNO
Ion 94.80 (94.50 to 95.50): VNO
Ion 173.70 (173.40 to 174.40): VNO

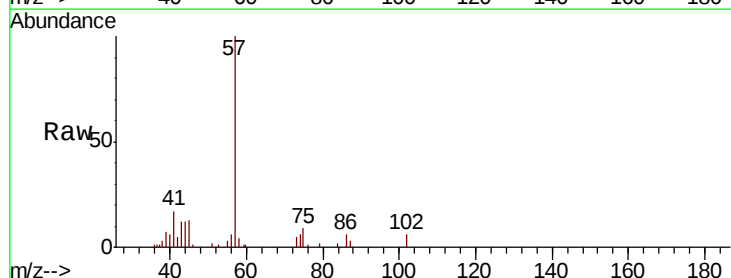


Time-->

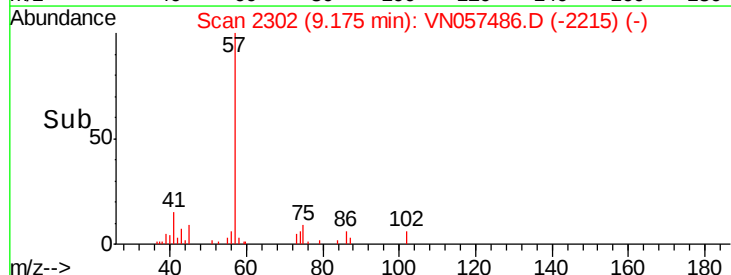
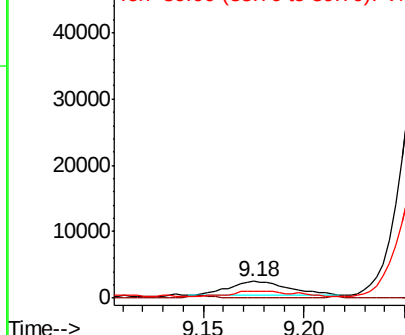


#48
Methyl methacrylate
Concen: 0.700 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

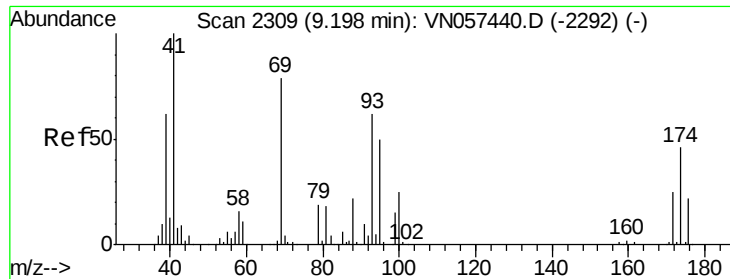
Tgt Ion: 41 Resp: 4262
Ion Ratio Lower Upper
41 100
69 0.0 59.3 88.9#
39 0.0 50.6 75.8#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO



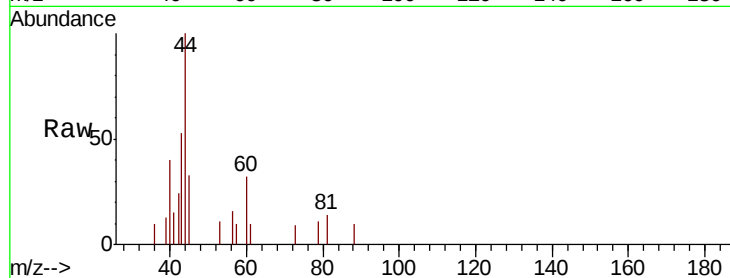
Time-->



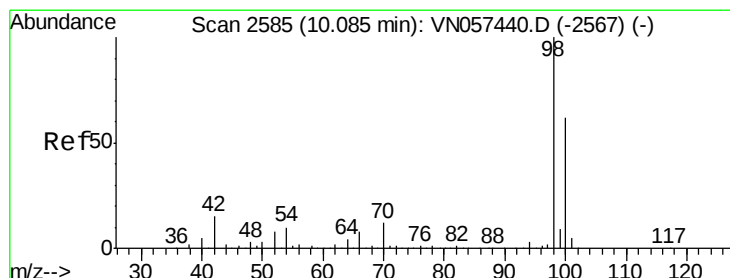
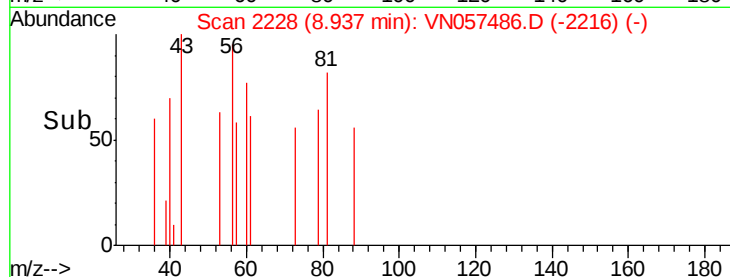
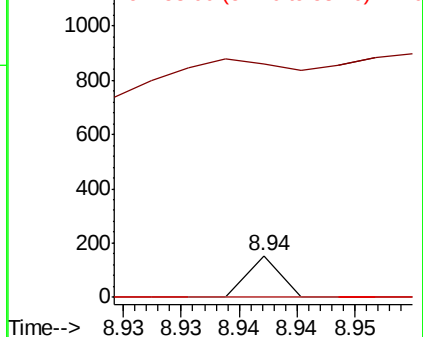
#49
1,4-Dioxane
Concen: 0.381 ug/l
RT: 8.94 min Scan# 2228
Delta R.T. -0.26 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
T2-S1(2.5)

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 0.0 64.5 96.7#

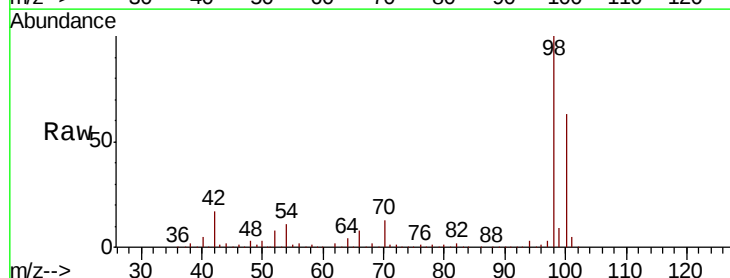


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

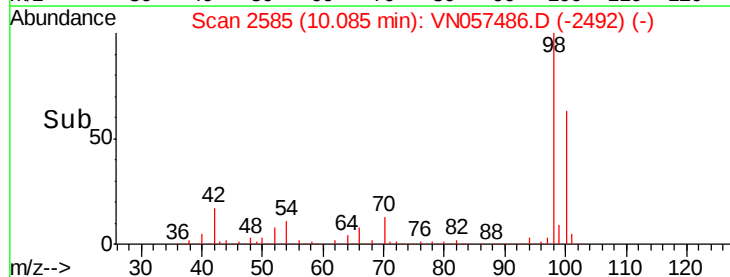
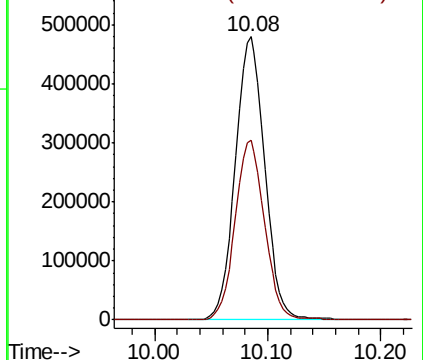


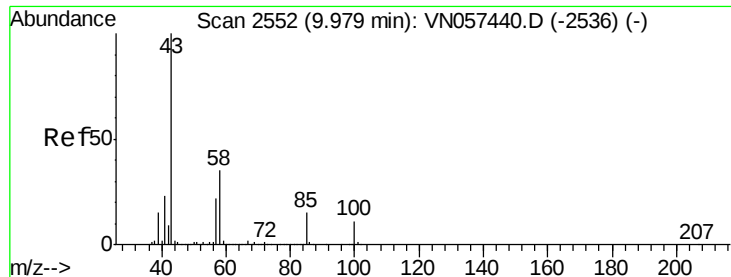
#50
Toluene-d8
Concen: 49.269 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

Tgt Ion: 98 Resp: 870322
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

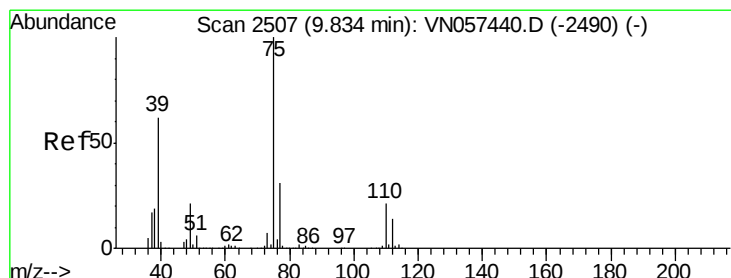
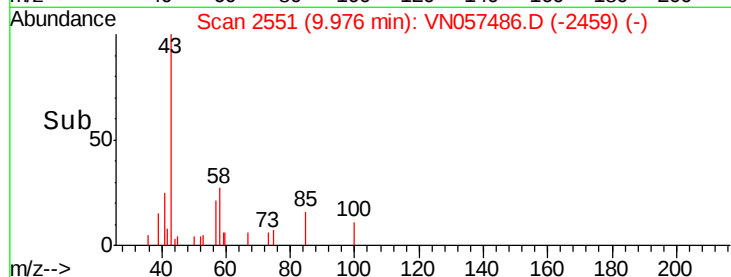
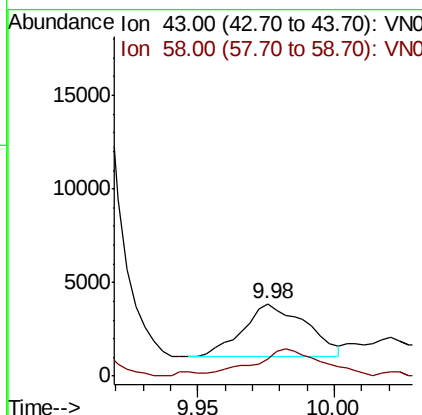
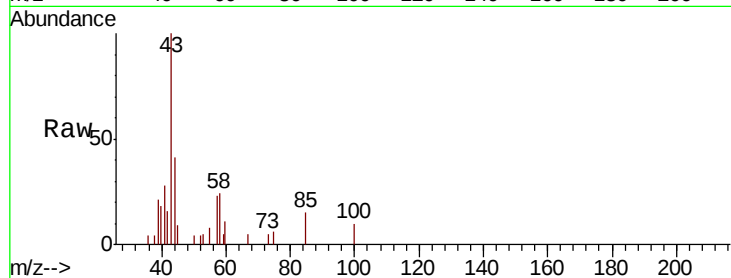




#51
 4-Methyl-2-Pentanone
 Concen: 0.630 ug/l
 RT: 9.98 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: VN057486.D
 Acq: 23 Aug 2019 21:19

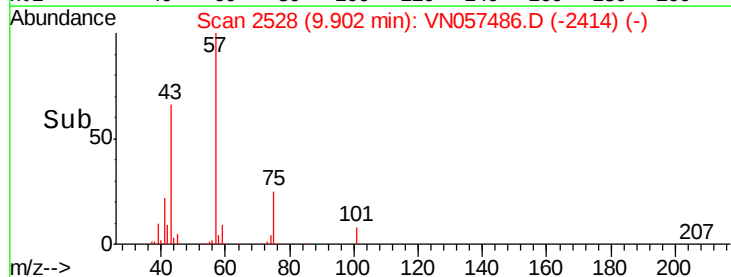
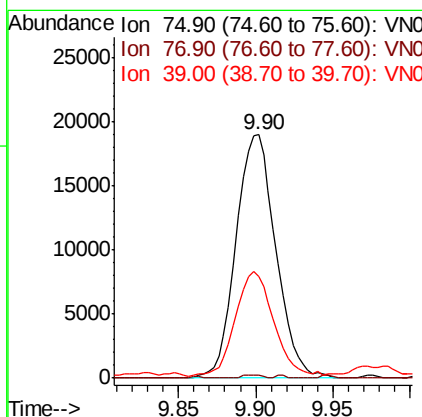
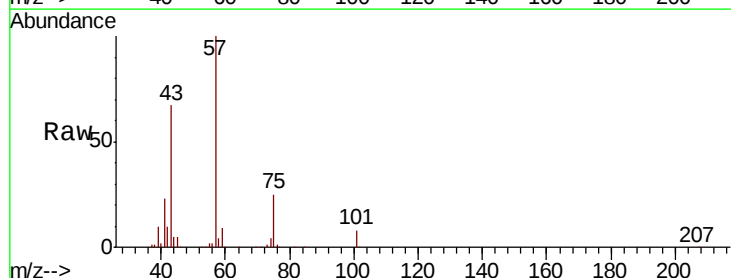
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S1(2.5)

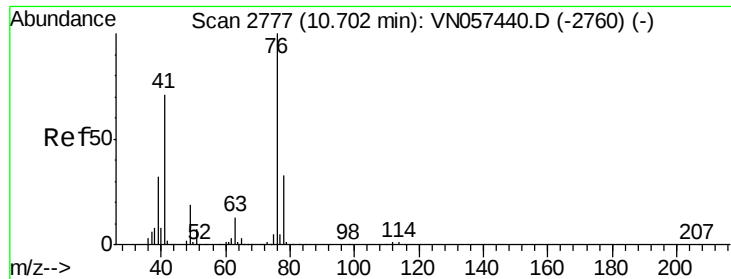
Tgt Ion: 43 Resp: 4499
 Ion Ratio Lower Upper
 43 100
 58 55.5 27.9 41.9#



#54
 cis-1,3-Dichloropropene
 Concen: 3.685 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057486.D
 Acq: 23 Aug 2019 21:19

Tgt Ion: 75 Resp: 33869
 Ion Ratio Lower Upper
 75 100
 77 1.2 25.0 37.6#
 39 40.6 49.2 73.8#

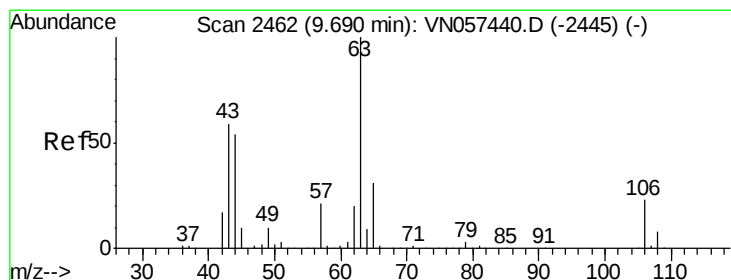
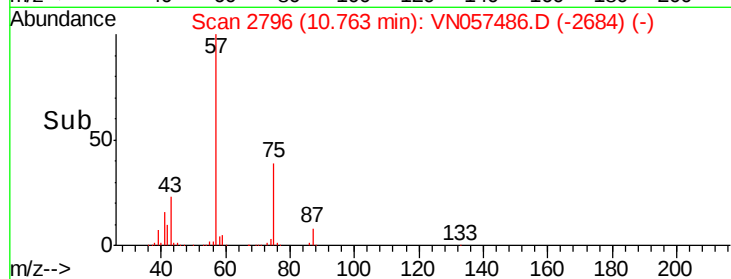
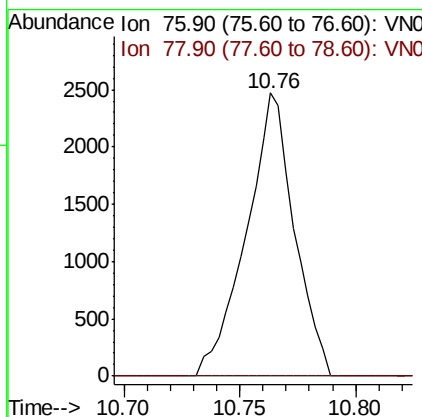
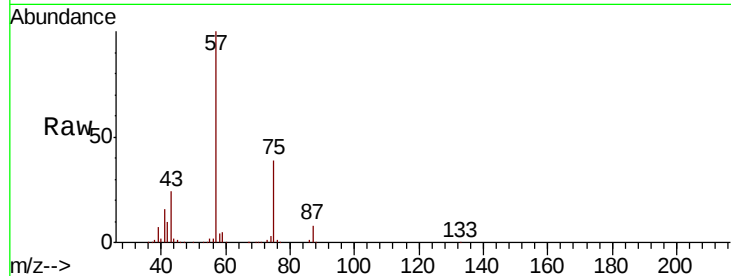




#57
 1,3-Dichloropropane
 Concen: 0.414 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN057486.D
 Acq: 23 Aug 2019 21:19

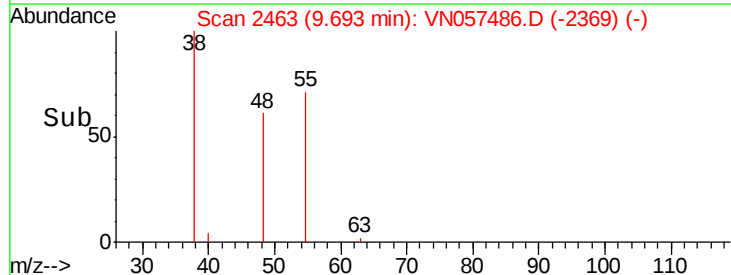
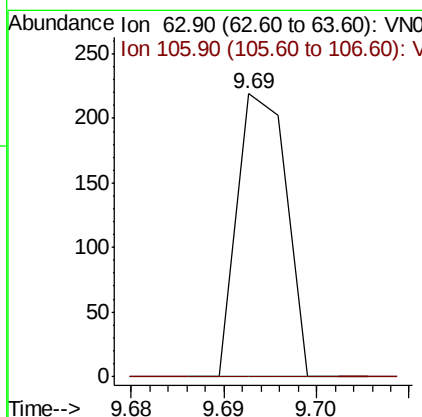
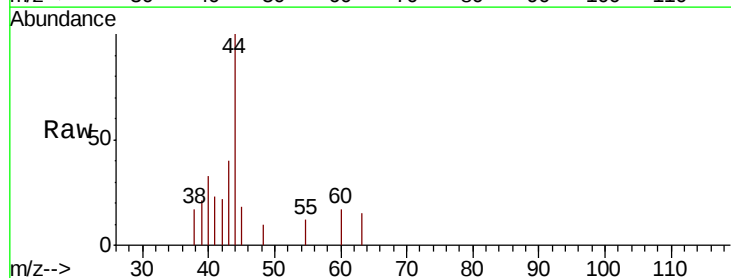
Instrument :
 MSVOA_N
 ClientSampled :
 T2-S1(2.5)

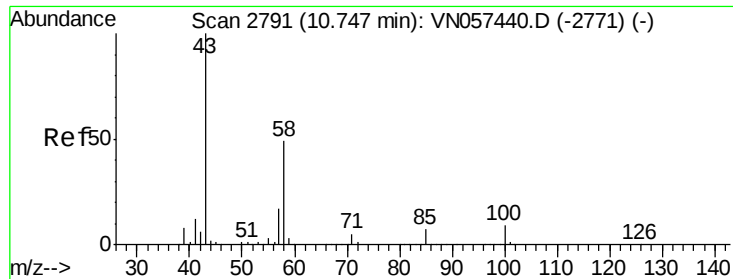
Tgt Ion: 76 Resp: 3562
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#



#58
 2-Chloroethyl Vinyl ether
 Concen: 17.099 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN057486.D
 Acq: 23 Aug 2019 21:19

Tgt Ion: 63 Resp: 81
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#

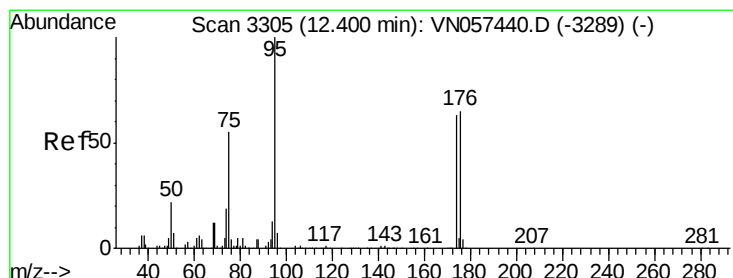
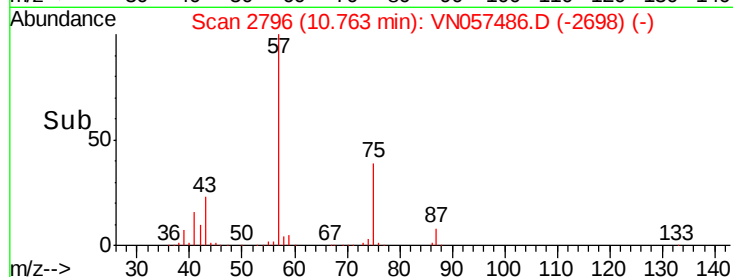
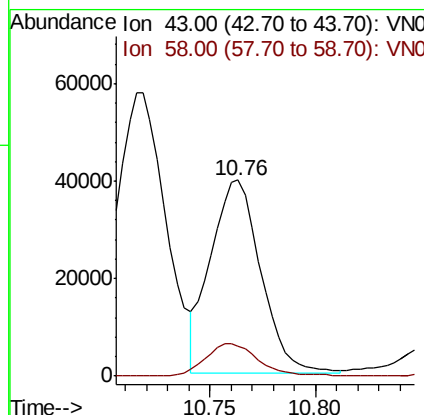
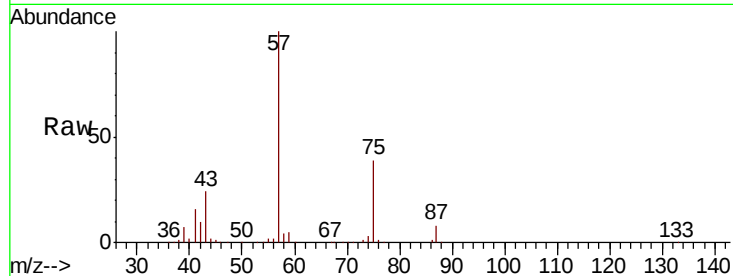




#59
2-Hexanone
Concen: 13.428 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.02 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

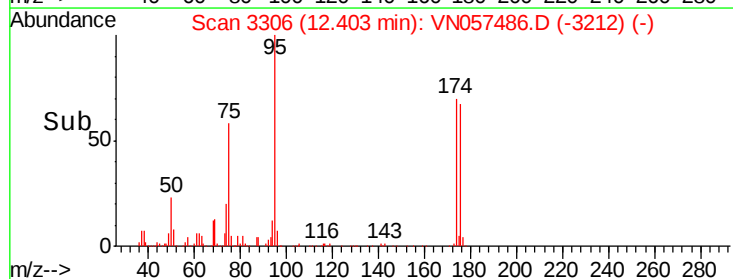
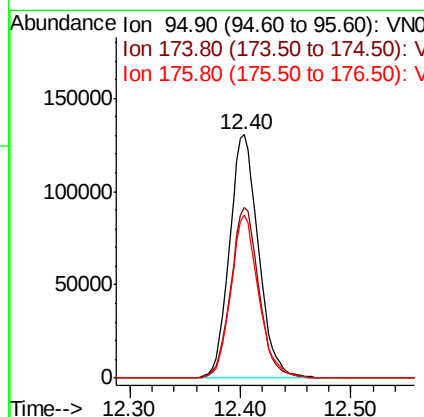
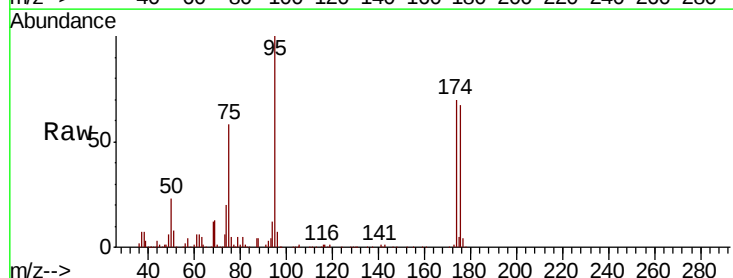
Instrument :
MSVOA_N
ClientSampleId :
T2-S1(2.5)

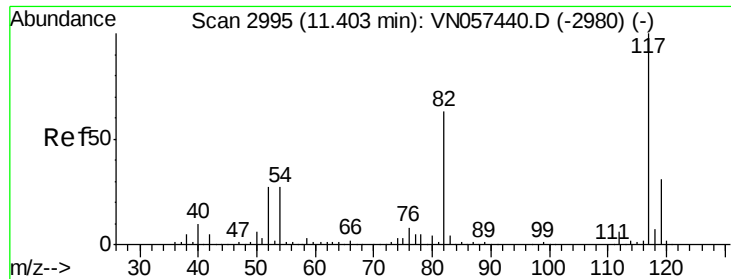
Tgt Ion: 43 Resp: 65725
Ion Ratio Lower Upper
43 100
58 17.7 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 39.706 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

Tgt Ion: 95 Resp: 237694
Ion Ratio Lower Upper
95 100
174 68.1 0.0 133.0
176 64.7 0.0 130.8

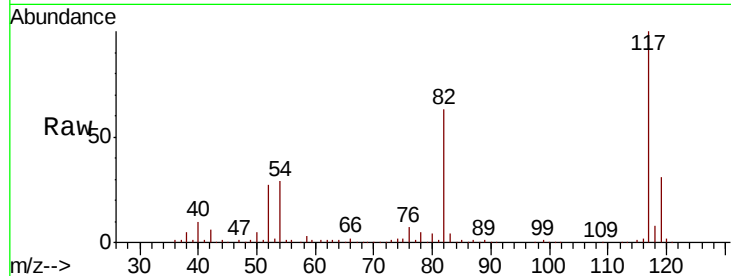




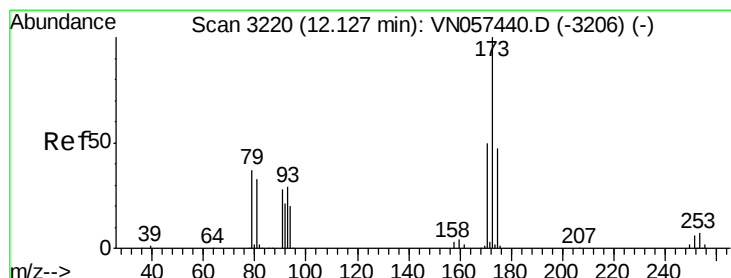
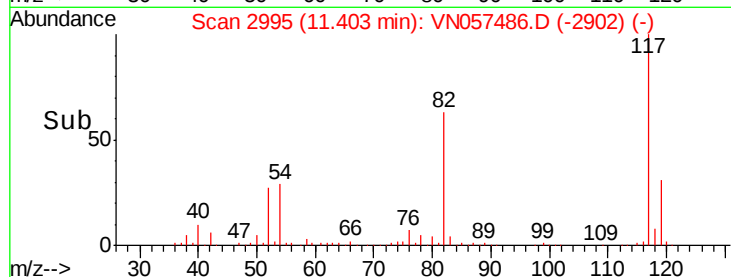
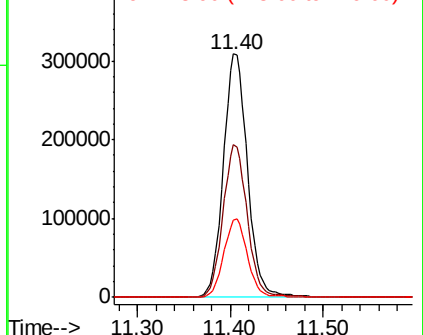
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
T2-S1(2.5)

Tgt Ion:117 Resp: 556948
Ion Ratio Lower Upper
117 100
82 62.5 50.6 75.8
119 31.5 24.6 36.8

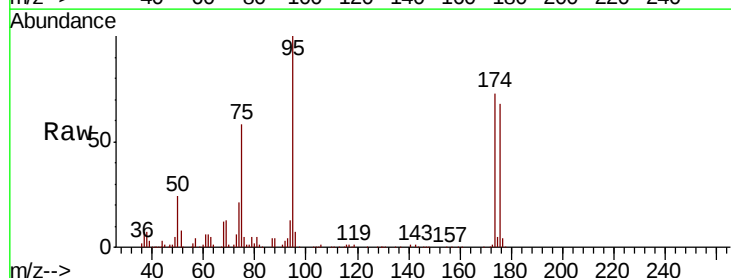


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

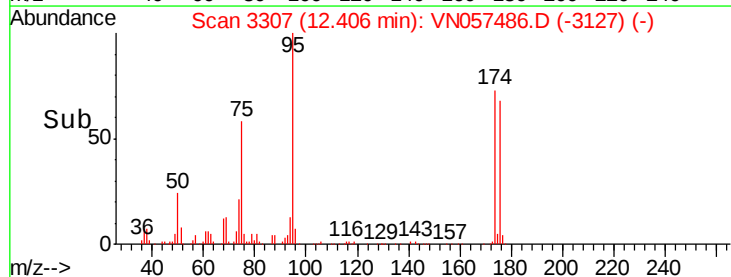
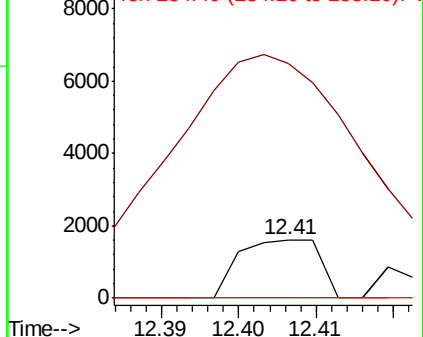


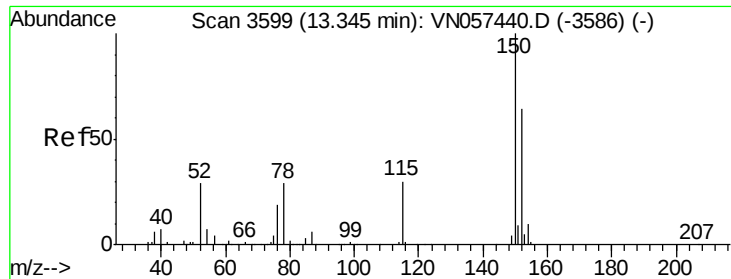
#71
Bromoform
Concen: 0.398 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

Tgt Ion:173 Resp: 1161
Ion Ratio Lower Upper
173 100
175 866.1 23.9 71.8#
254 0.0 0.1 0.1#



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# 3600

Delta R.T. 0.00 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampleId :

T2-S1(2.5)

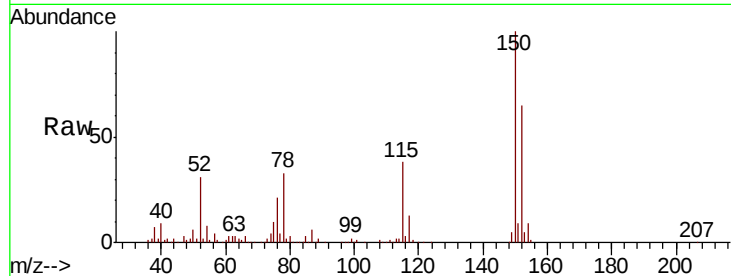
Tgt Ion:152 Resp: 140046

Ion Ratio Lower Upper

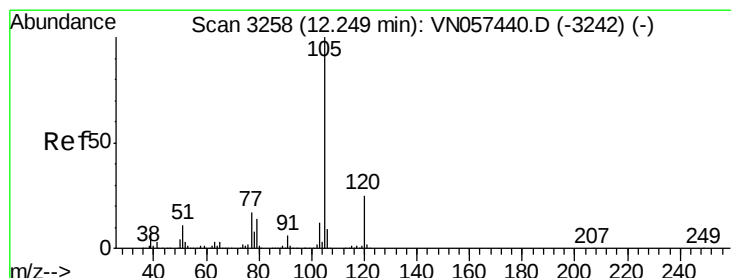
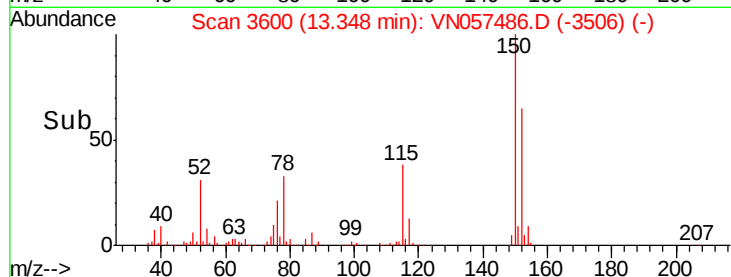
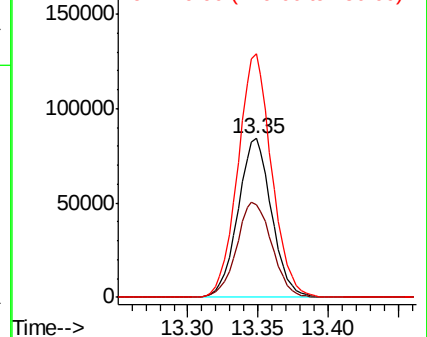
152 100

115 63.0 32.0 96.0

150 154.4 0.0 346.6



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: 12.40 min Scan# 3305

Delta R.T. 0.15 min

Lab File: VN057486.D

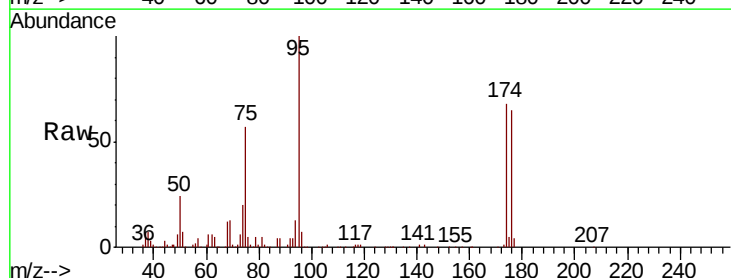
Acq: 23 Aug 2019 21:19

Tgt Ion:105 Resp: 397

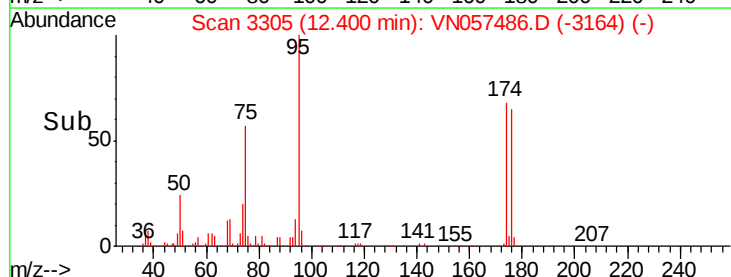
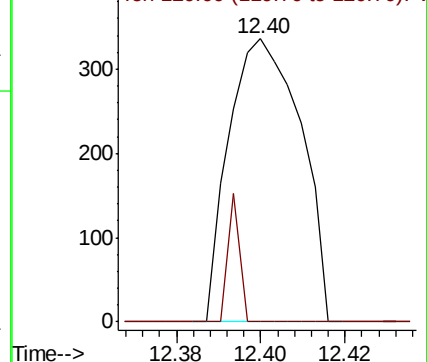
Ion Ratio Lower Upper

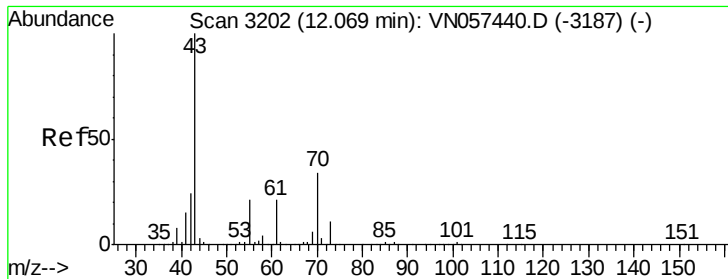
105 100

120 7.3 12.7 38.0#



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





#74

N-ethyl acetate

Concen: Below Cal

RT: 12.06 min Scan# 3198

Delta R.T. -0.01 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampled :

T2-S1(2.5)

Tgt Ion: 43 Resp: 837

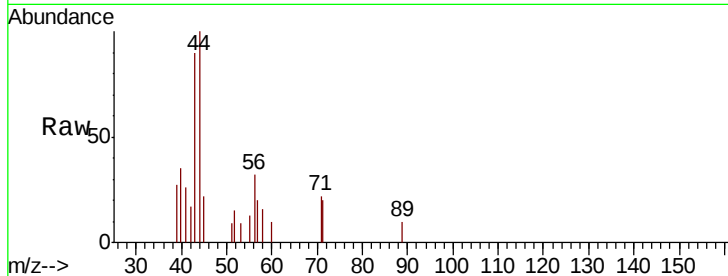
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 65.6 17.0 25.4#

61 0.0 17.0 25.6#

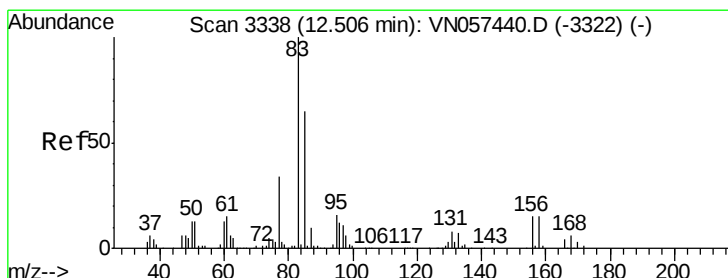
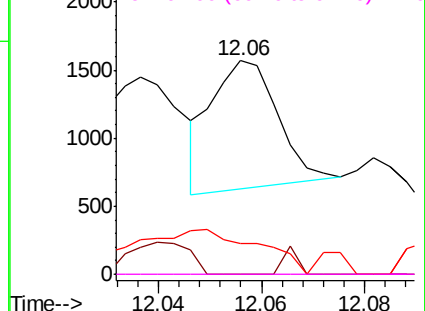
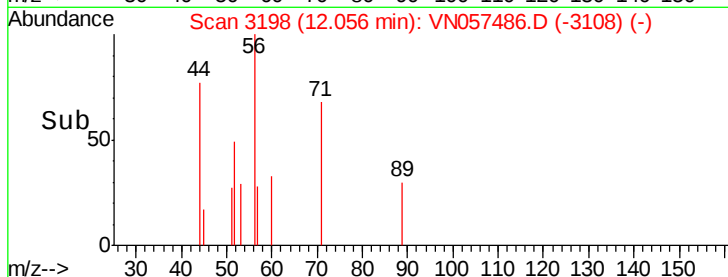


Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-3187) (-)

Ion 70.00 (69.70 to 70.70): VN057440.D (-3187) (-)

Ion 55.00 (54.70 to 55.70): VN057440.D (-3187) (-)

Ion 61.00 (60.70 to 61.70): VN057440.D (-3187) (-)



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3336

Delta R.T. -0.01 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

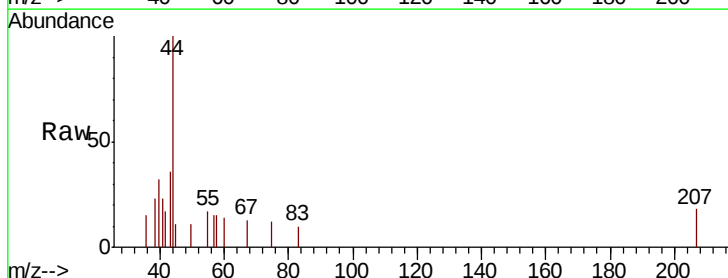
Tgt Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

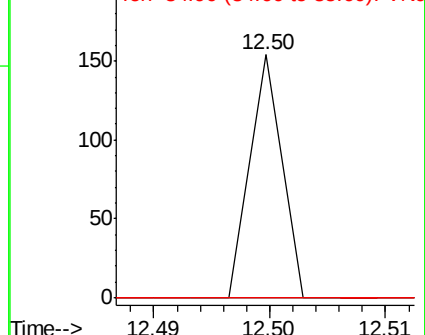
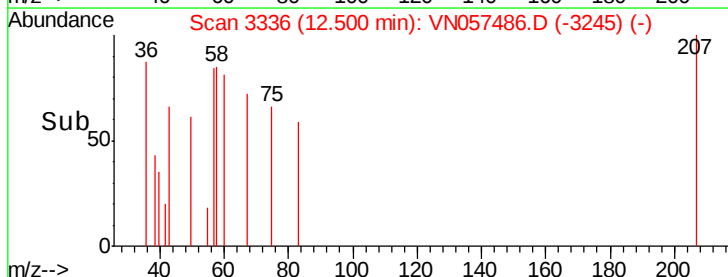
85 0.0 32.3 96.8#

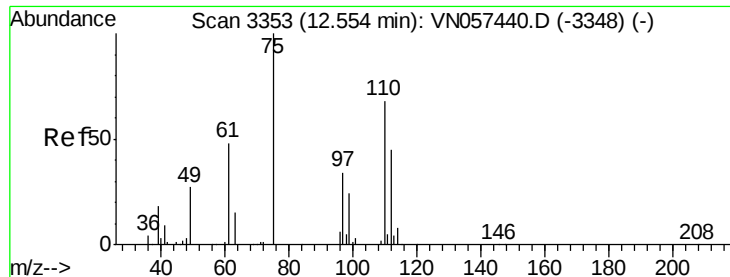


Abundance Ion 82.90 (82.60 to 83.60): VN057440.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN057440.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN057440.D (-3322) (-)





#76

1,2,3-Trichloropropane

Concen: 43.581 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampleId :

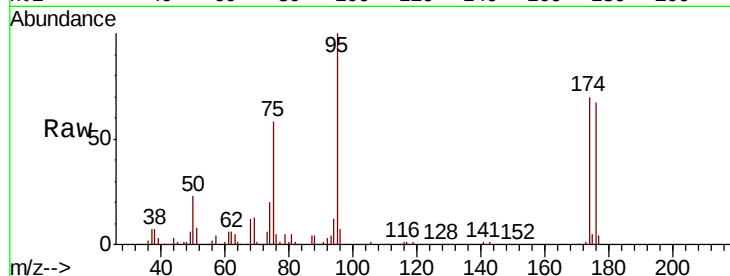
T2-S1(2.5)

Tgt Ion: 75 Resp: 136580

Ion Ratio Lower Upper

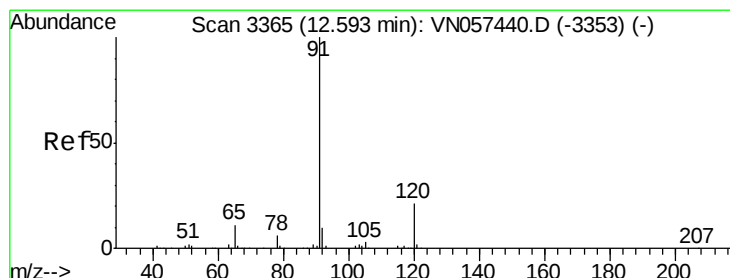
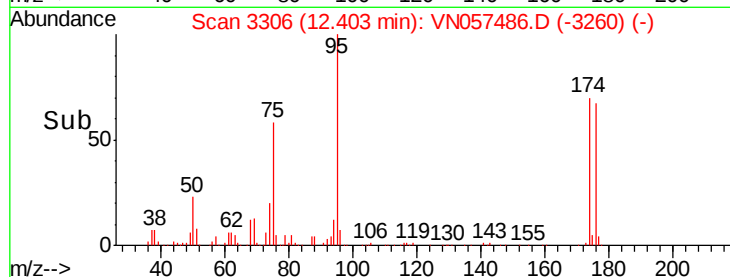
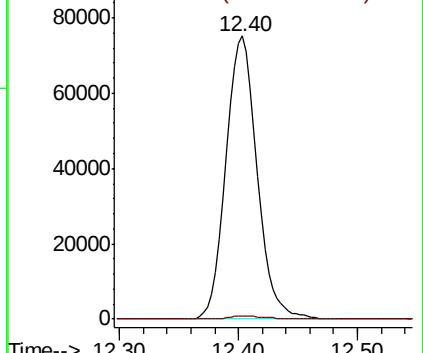
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: Below Cal

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN057486.D

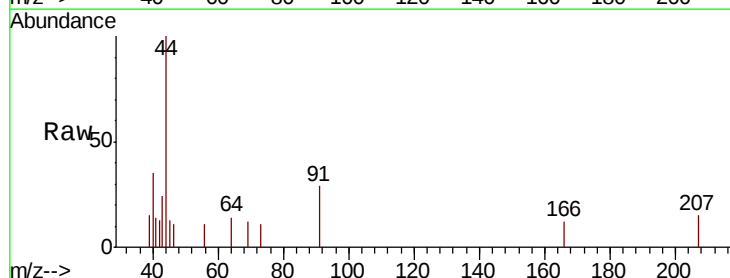
Acq: 23 Aug 2019 21:19

Tgt Ion: 91 Resp: 750

Ion Ratio Lower Upper

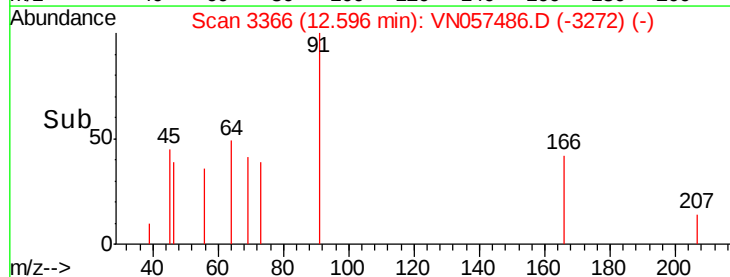
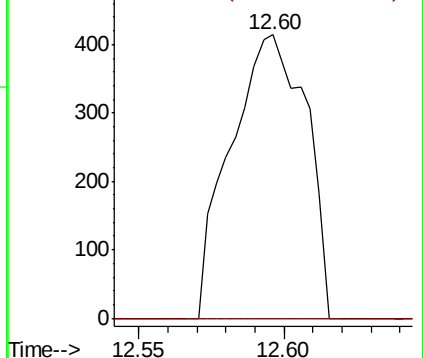
91 100

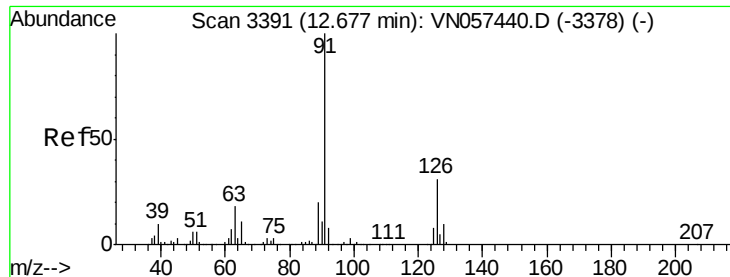
120 0.0 10.7 32.1#



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: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampled :

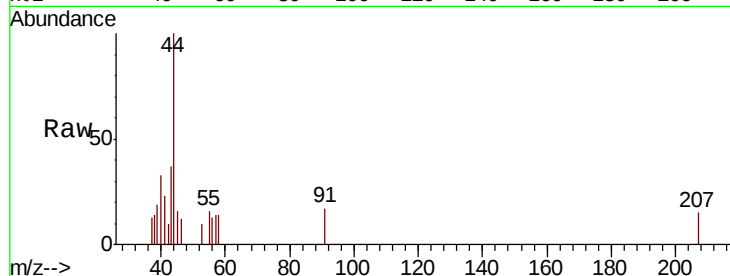
T2-S1(2.5)

Tgt Ion: 91 Resp: 170

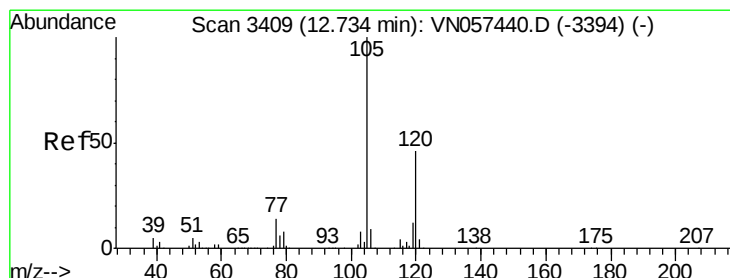
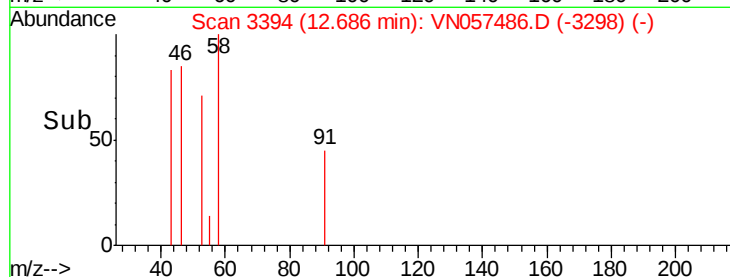
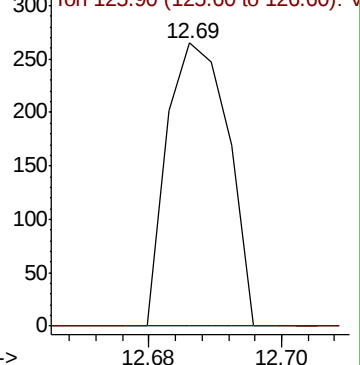
Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.8#



Abundance Ion 91.00 (90.70 to 91.70): VN057440.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.72 min Scan# 3406

Delta R.T. -0.01 min

Lab File: VN057486.D

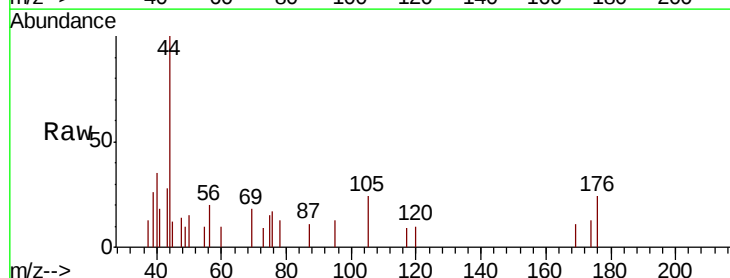
Acq: 23 Aug 2019 21:19

Tgt Ion: 105 Resp: 344

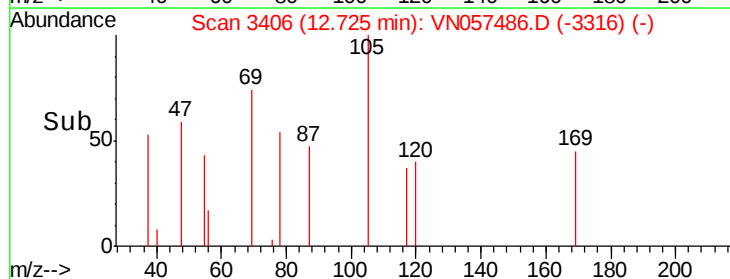
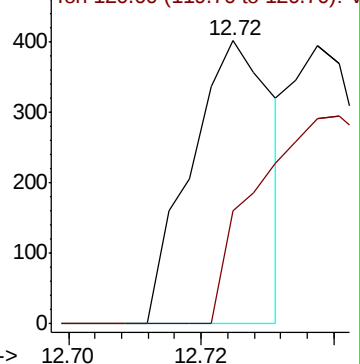
Ion Ratio Lower Upper

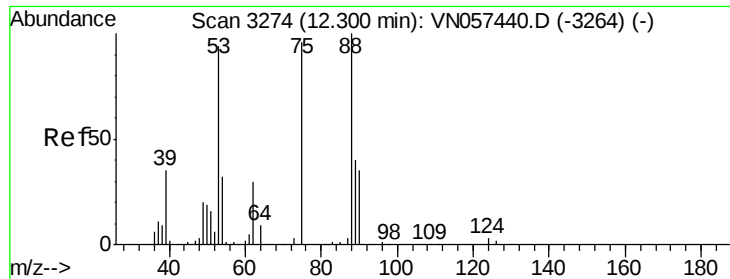
105 100

120 105.2 23.3 69.8#



Abundance Ion 105.00 (104.70 to 105.70): VN057440.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 111.919 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampleId :

T2-S1(2.5)

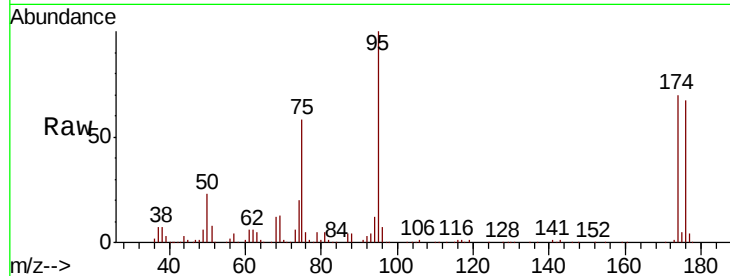
Tgt Ion: 75 Resp: 136580

Ion Ratio Lower Upper

75 100

53 0.0 82.7 124.1#

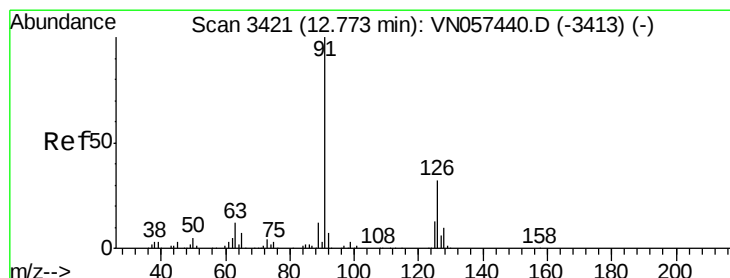
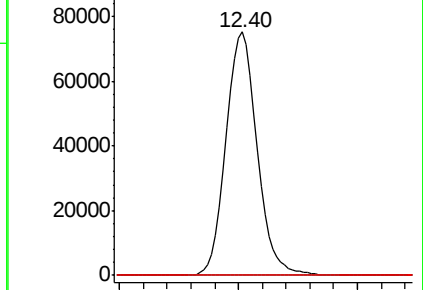
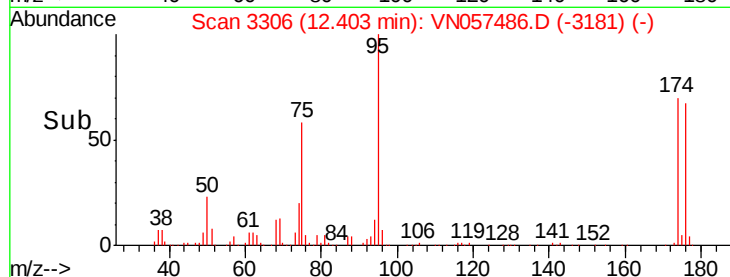
89 0.1 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.79 min Scan# 3426

Delta R.T. 0.02 min

Lab File: VN057486.D

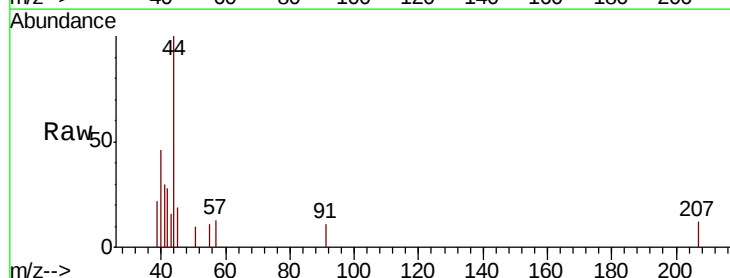
Acq: 23 Aug 2019 21:19

Tgt Ion: 91 Resp: 64

Ion Ratio Lower Upper

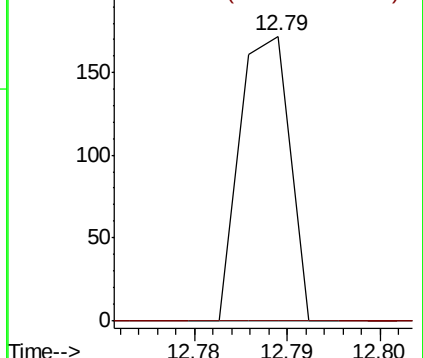
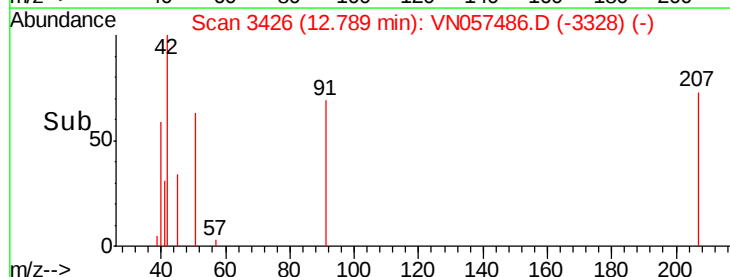
91 100

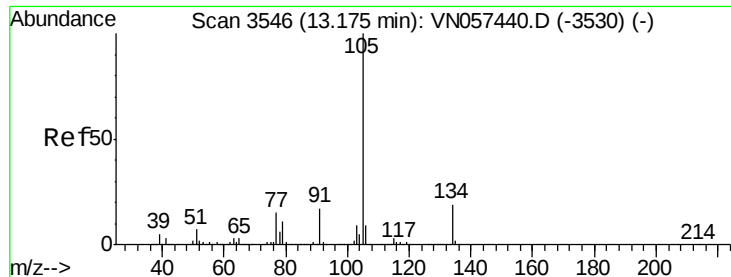
126 0.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampleId :

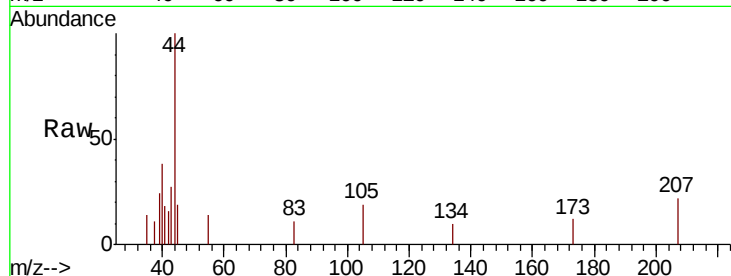
T2-S1(2.5)

Tgt Ion: 105 Resp: 182

Ion Ratio Lower Upper

105 100

134 16.5 9.3 27.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

300

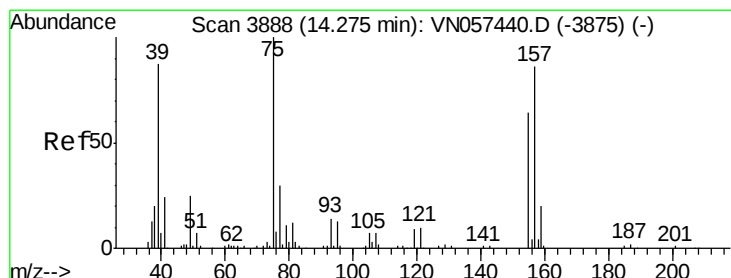
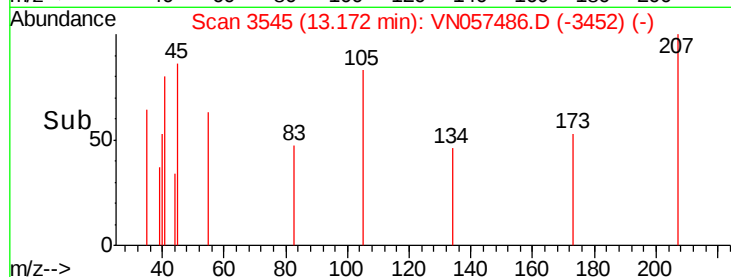
200

100

0

13.16 13.18

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.21 min Scan# 3867

Delta R.T. -0.07 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

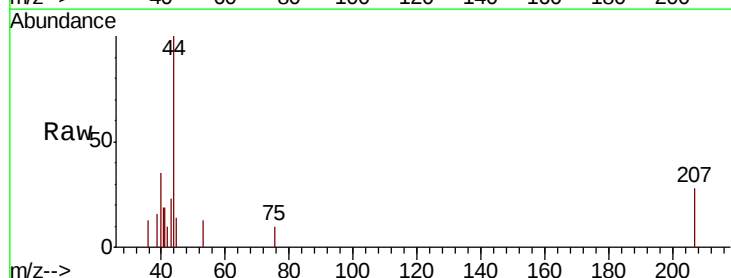
Tgt Ion: 75 Resp: 64

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

157 0.0 43.3 129.8#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.21

200

150

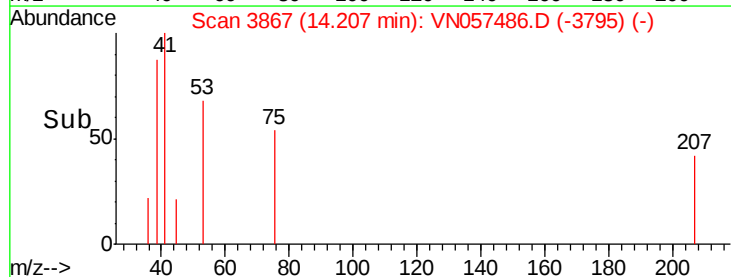
100

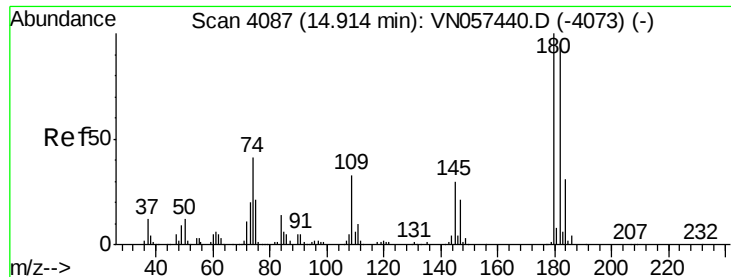
50

0

14.19 14.20 14.21

Time-->

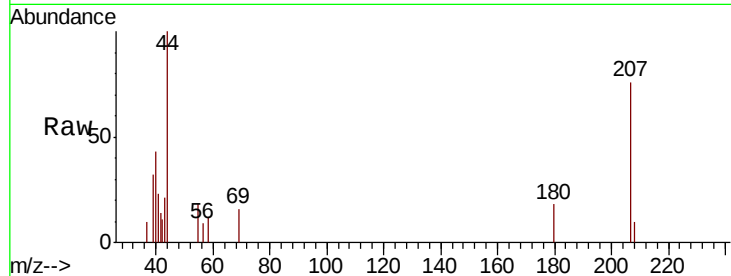




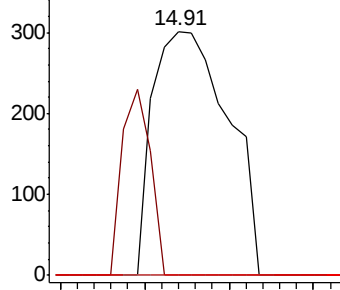
#93
 1,2,4-Trichlorobenzene
 Concen: 5.562 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.01 min
 Lab File: VN057486.D
 Acq: 23 Aug 2019 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S1(2.5)

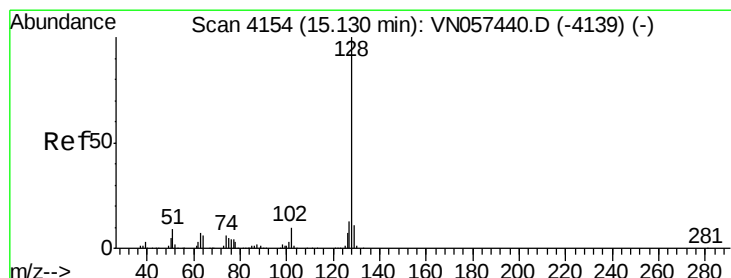
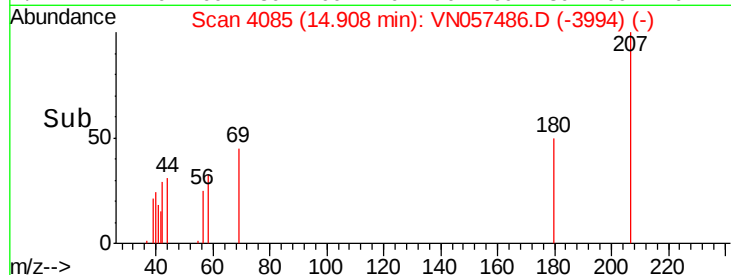
Tgt Ion:180 Resp: 373
 Ion Ratio Lower Upper
 180 100
 182 29.2 46.7 140.1#
 145 0.0 15.6 46.8#



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

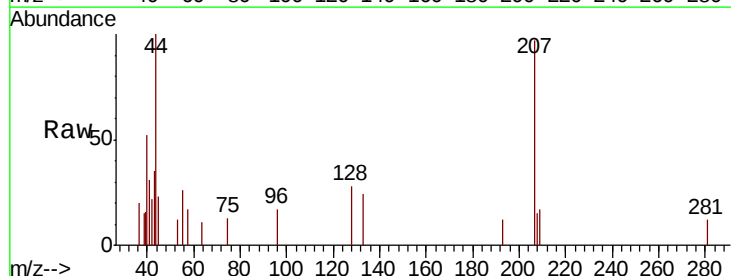


Time--> 14.88 14.90 14.92 14.94

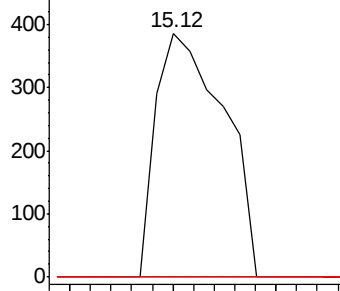


#95
 Naphthalene
 Concen: 4.397 ug/l
 RT: 15.12 min Scan# 4151
 Delta R.T. -0.01 min
 Lab File: VN057486.D
 Acq: 23 Aug 2019 21:19

Tgt Ion:128 Resp: 352
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 8.6 13.0#



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



Time--> 15.10 15.12 15.14

