

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
 Data File : VN057489.D
 Acq On : 23 Aug 2019 22:35
 Operator : JC/SP
 Sample : K4472-33
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S4(0)

Quant Time: Aug 26 05:15:27 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	396715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	685177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	547502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	133799	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	324496	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
35) Dibromofluoromethane	7.57	113	216943	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
50) Toluene-d8	10.09	98	855267	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.40	95	228760	38.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.14%	

Target Compounds

					Qvalue	
5) Bromomethane	2.56	94	1198	0.239	ug/l #	41
8) Diethyl Ether	3.21	74	320	Below Cal		100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	94	Below Cal	#	43
11) Tert butyl alcohol	4.75	59	639	0.737	ug/l #	83
13) Acrolein	3.58	56	382	0.501	ug/l #	60
16) Acetone	3.78	43	4639	1.447	ug/l #	74
18) Methyl Acetate	4.31	43	9911	0.488	ug/l	96
20) Methylene Chloride	4.52	84	7621	1.531	ug/l #	78
29) Tetrahydrofuran	7.20	42	622	0.271	ug/l #	47
31) Cyclohexane	7.65	56	12218	1.246	ug/l #	44
36) 1,1-Dichloropropene	7.65	75	39463	5.637	ug/l #	51
38) Carbon Tetrachloride	7.65	117	43772	6.293	ug/l #	16
43) Isopropyl Acetate	8.16	43	79094	6.235	ug/l	98
46) Dibromomethane	9.30	93	72	Below Cal	#	10
48) Methyl methacrylate	9.18	41	5127	0.850	ug/l #	15
49) 1,4-Dioxane	9.33	88	31	0.397	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7776	1.100	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	34500	3.789	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	4437	0.521	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.72	63	31	17.078	ug/l #	52
59) 2-Hexanone	10.76	43	70386	14.516	ug/l #	55
73) Isopropylbenzene	12.40	105	208	Below Cal	#	50
74) N-amyl acetate	12.04	43	2922	Below Cal	#	56
75) 1,1,2,2-Tetrachloroethane	12.48	83	69	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	132474	44.306	ug/l #	100
78) n-propylbenzene	12.61	91	77	Below Cal	#	55
79) 2-Chlorotoluene	12.63	91	65	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.74	105	1017	Below Cal	#	46
81) trans-1,4-Dichloro-2-buten	12.40	75	132474	113.671	ug/l #	9
82) 4-Chlorotoluene	12.78	91	109	Below Cal	#	45
83) tert-Butylbenzene	13.00	119	85	Below Cal	#	45
85) sec-Butylbenzene	13.17	105	151	Below Cal	#	58
90) Hexachloroethane	14.09	117	77	Below Cal	#	17
92) 1,2-Dibromo-3-Chloropropan	14.30	75	86	Below Cal	#	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
Data File : VN057489.D
Acq On : 23 Aug 2019 22:35
Operator : JC/SP
Sample : K4472-33
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T2-S4(0)

Quant Time: Aug 26 05:15:27 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

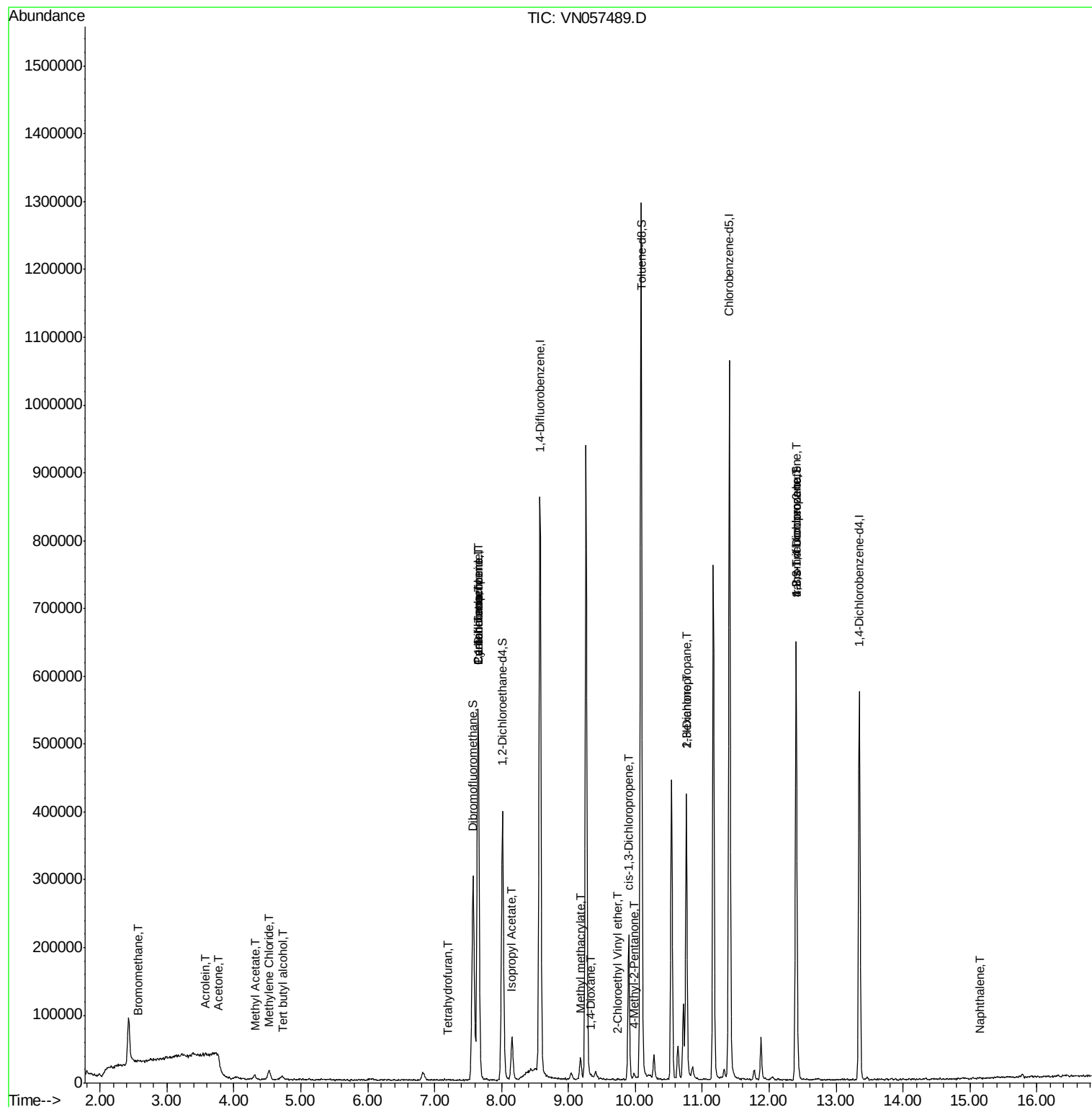
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	559	4.435	ug/l #	69

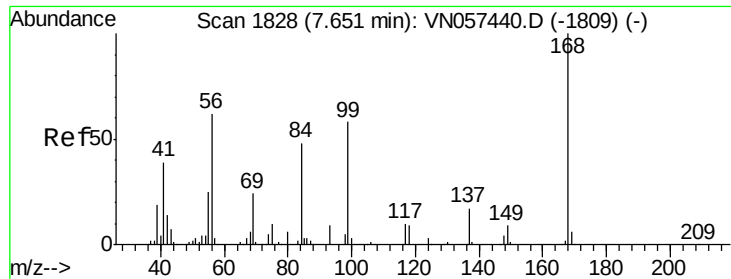
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
Data File : VN057489.D
Acq On : 23 Aug 2019 22:35
Operator : JC/SP
Sample : K4472-33
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T2-S4(0)

Quant Time: Aug 26 05:15:27 2019
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: VN057489.D

Acq: 23 Aug 2019 22:35

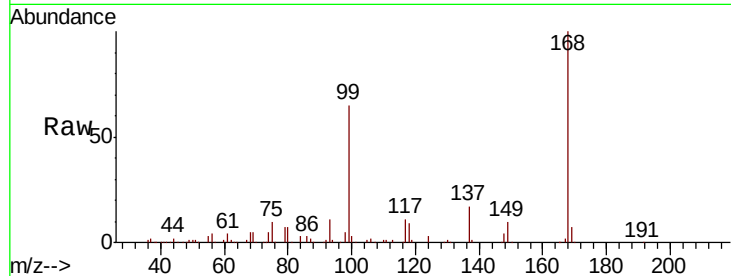
Instrument :
MSVOA_N
ClientSampled :
T2-S4(0)

Tgt Ion:168 Resp: 396715

Ion Ratio Lower Upper

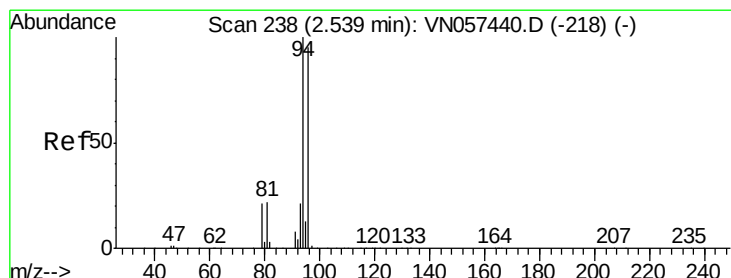
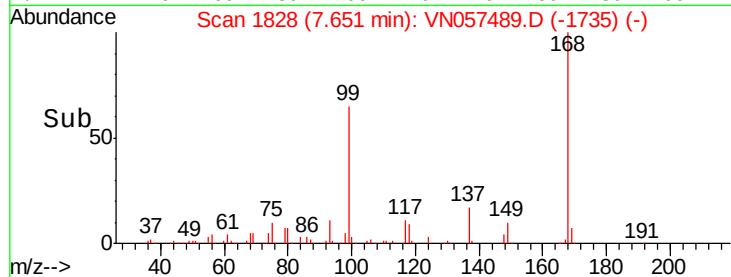
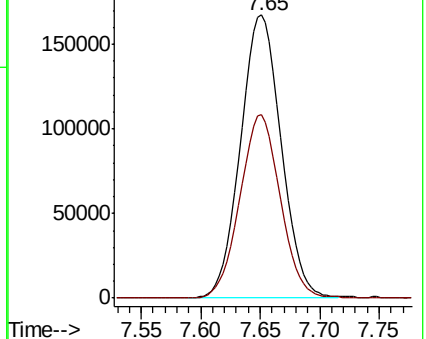
168 100

99 64.8 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#5

Bromomethane

Concen: 0.239 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.02 min

Lab File: VN057489.D

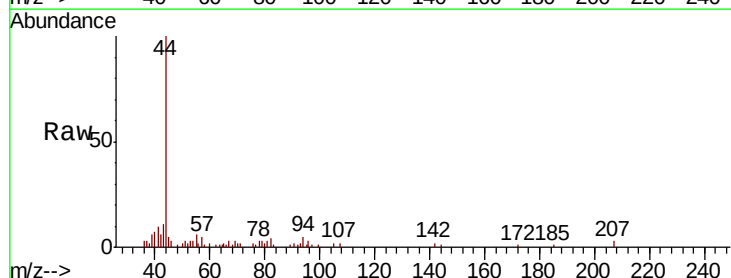
Acq: 23 Aug 2019 22:35

Tgt Ion: 94 Resp: 1198

Ion Ratio Lower Upper

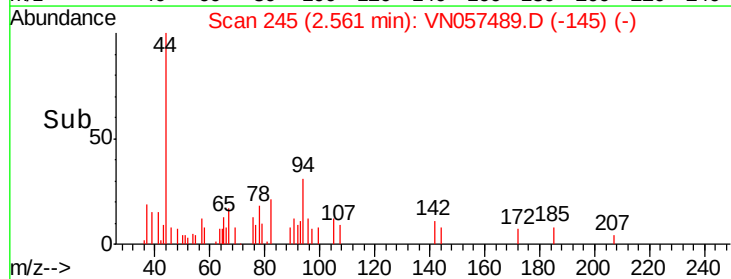
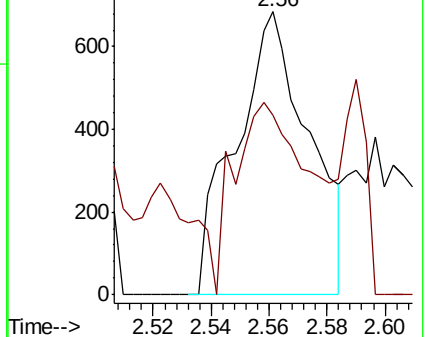
94 100

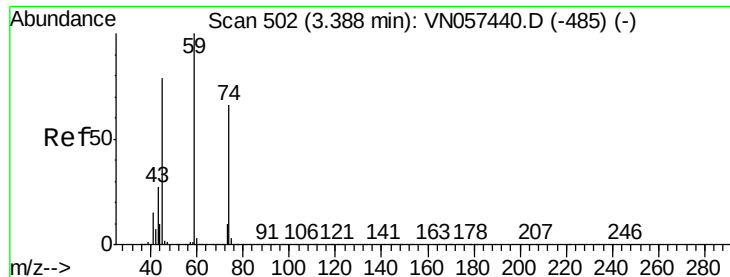
96 37.9 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

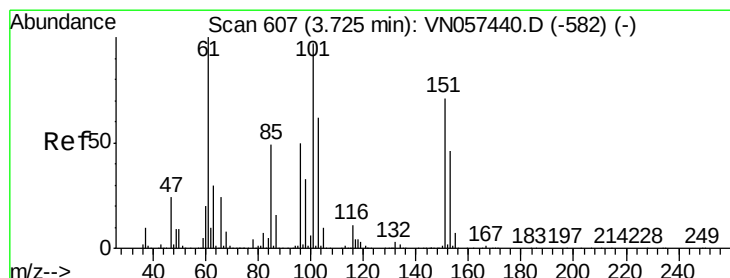
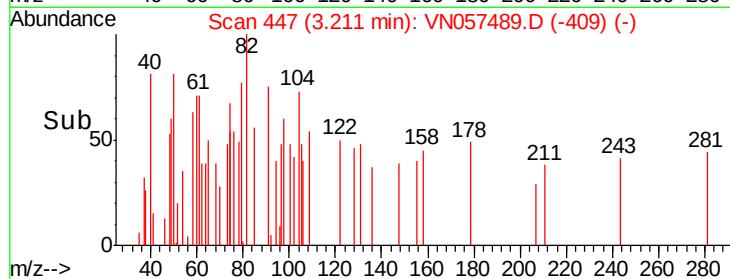
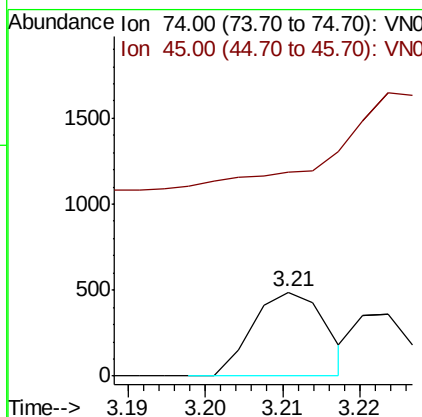
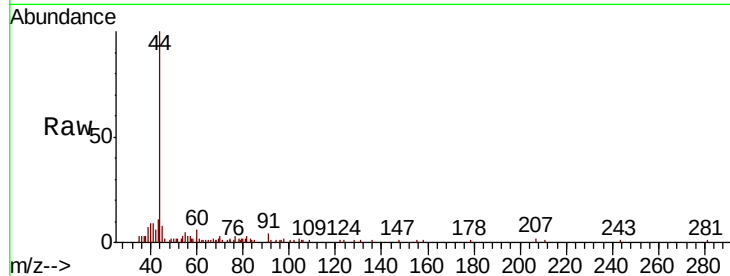




#8
Diethyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 447
Delta R.T. -0.18 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

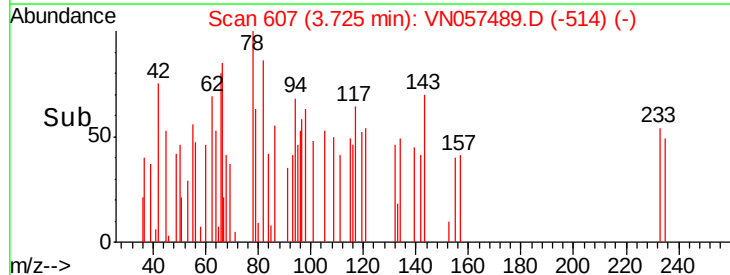
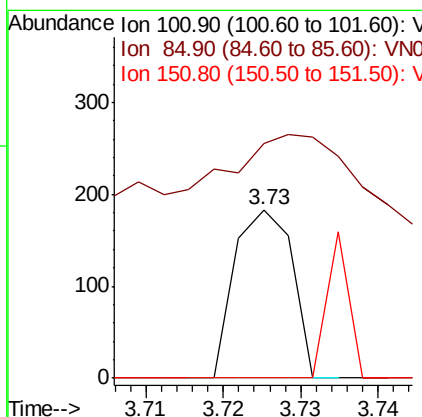
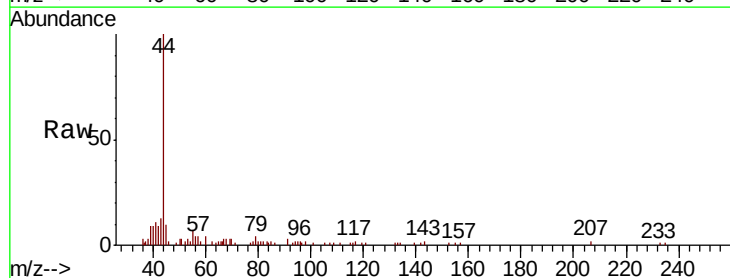
Instrument :
MSVOA_N
ClientSampleId :
T2-S4(0)

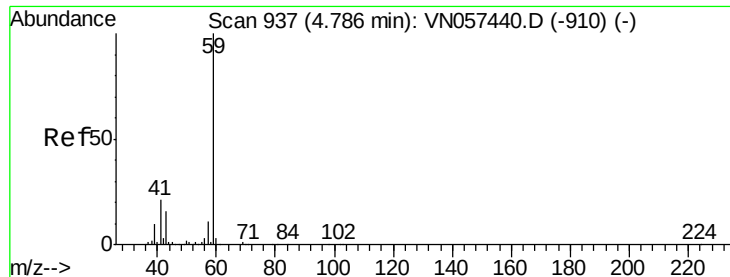
Tgt Ion: 74 Resp: 320
Ion Ratio Lower Upper
74 100
45 115.3 57.9 173.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: Below Cal
RT: 3.73 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

Tgt Ion: 101 Resp: 94
Ion Ratio Lower Upper
101 100
85 0.0 40.0 60.0#
151 33.0 57.0 85.6#

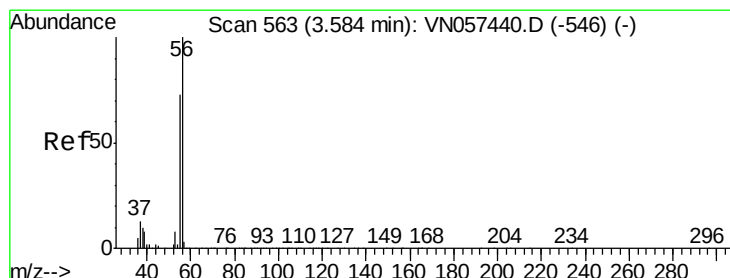
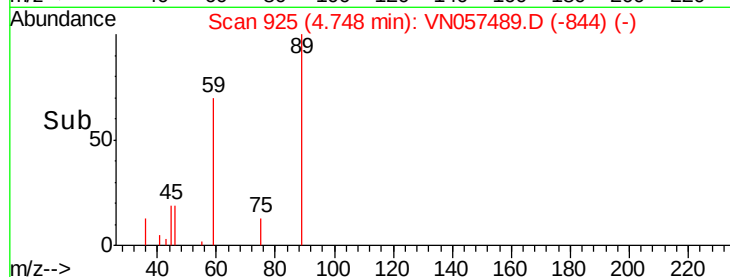
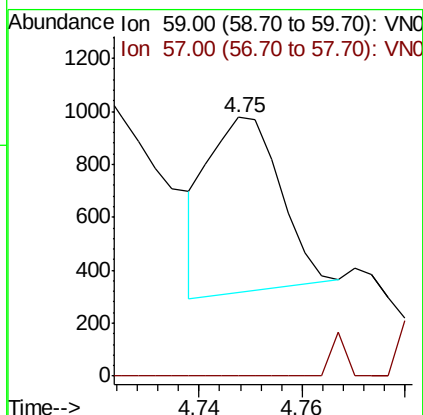
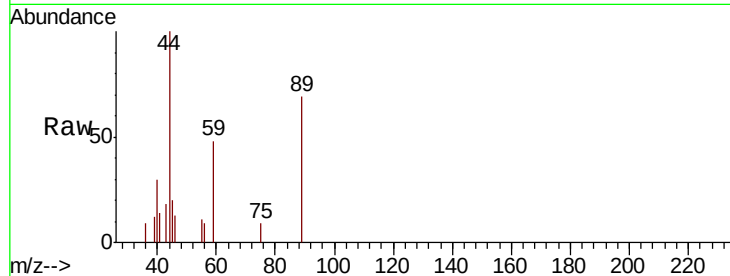




#11
Tert butyl alcohol
Concen: 0.737 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

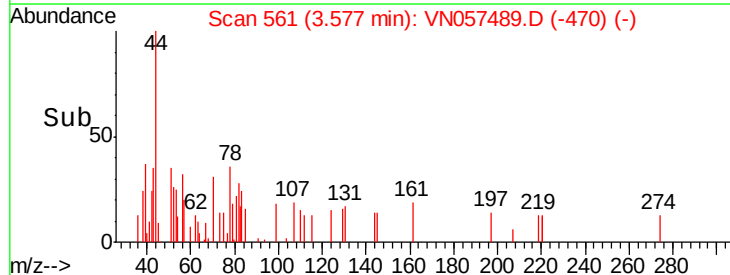
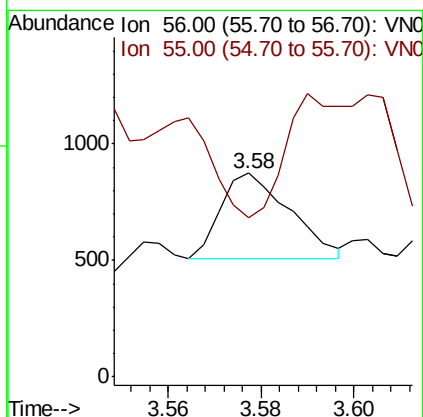
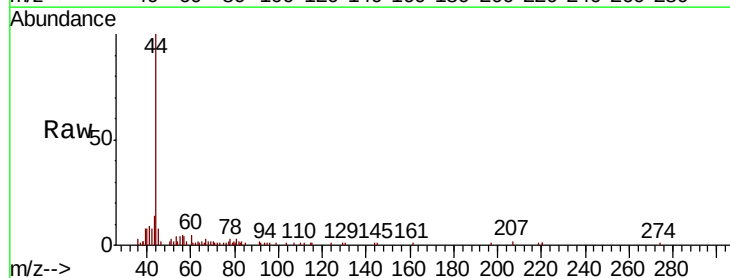
Instrument :
MSVOA_N
ClientSampleId :
T2-S4(0)

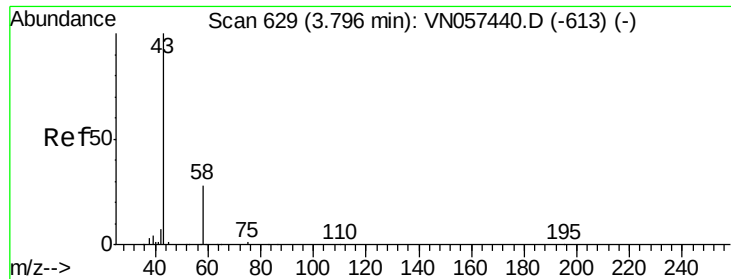
Tgt Ion: 59 Resp: 639
Ion Ratio Lower Upper
59 100
57 5.0 9.1 13.7#



#13
Acrolein
Concen: 0.501 ug/l
RT: 3.58 min Scan# 561
Delta R.T. -0.01 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

Tgt Ion: 56 Resp: 382
Ion Ratio Lower Upper
56 100
55 107.3 59.0 88.4#





#16

Acetone

Concen: 1.447 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.02 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampled :

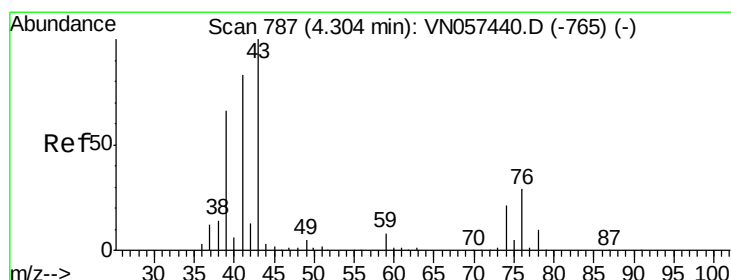
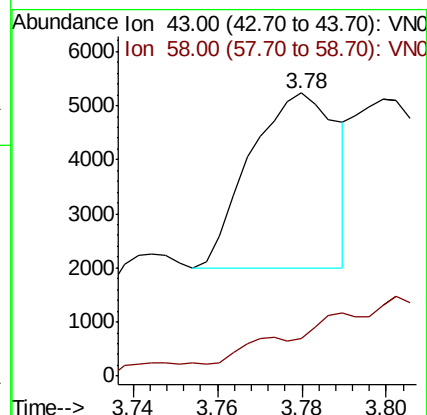
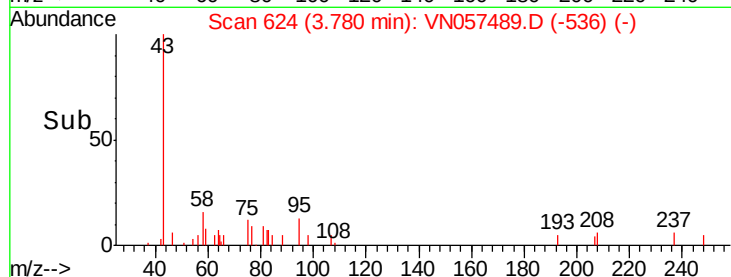
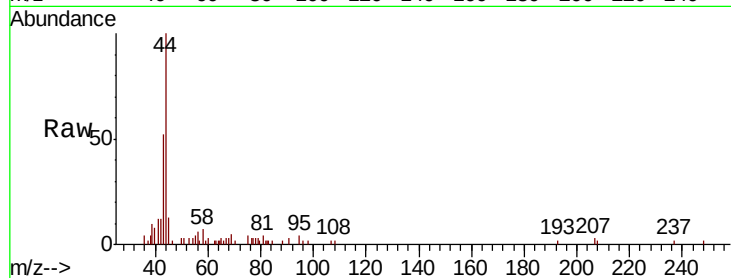
T2-S4(0)

Tgt Ion: 43 Resp: 4639

Ion Ratio Lower Upper

43 100

58 13.9 22.1 33.1#



#18

Methyl Acetate

Concen: 0.488 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN057489.D

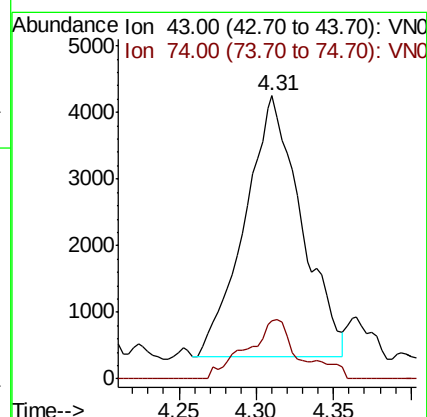
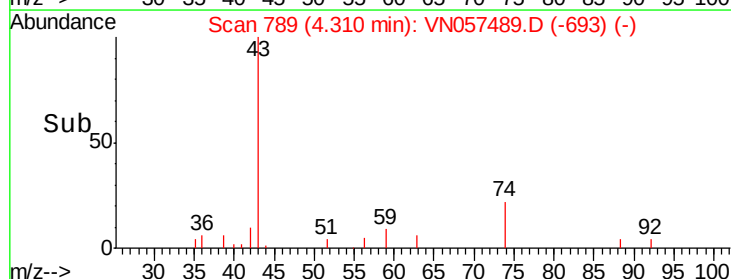
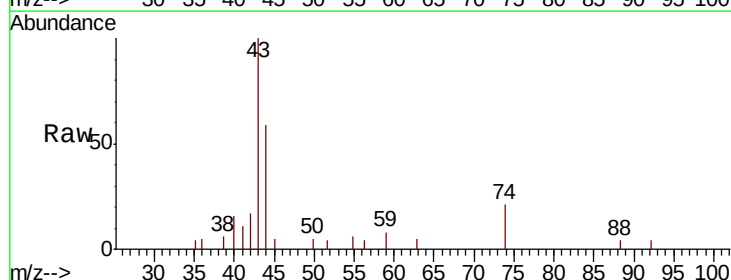
Acq: 23 Aug 2019 22:35

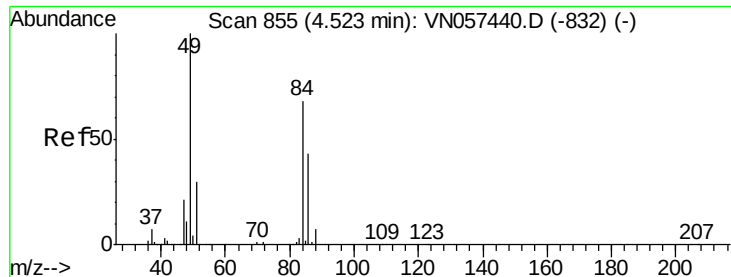
Tgt Ion: 43 Resp: 9911

Ion Ratio Lower Upper

43 100

74 18.2 15.9 23.9





#20

Methylene Chloride

Concen: 1.531 ug/l

RT: 4.52 min Scan# 853

Delta R.T. -0.01 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

T2-S4(0)

Tgt Ion: 84 Resp: 7621

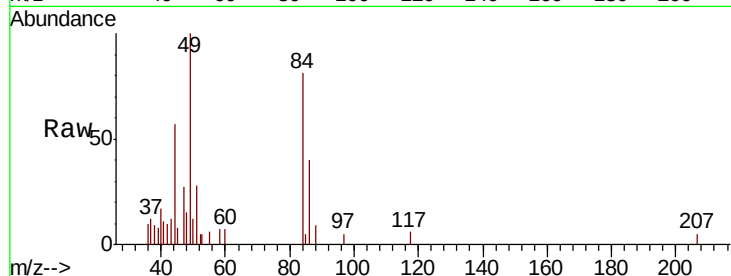
Ion Ratio Lower Upper

84 100

49 117.1 117.0 175.4

51 28.8 35.5 53.3#

86 49.5 49.8 74.8#

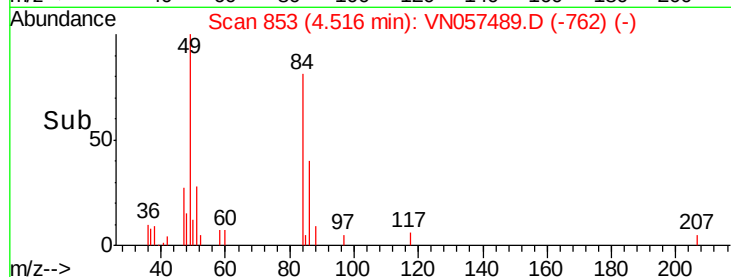
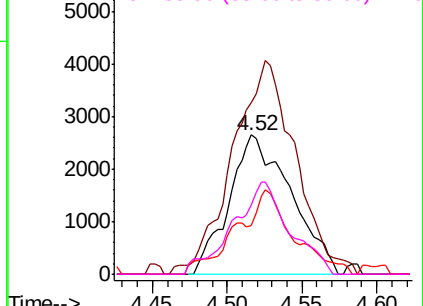


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#29

Tetrahydrofuran

Concen: 0.271 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

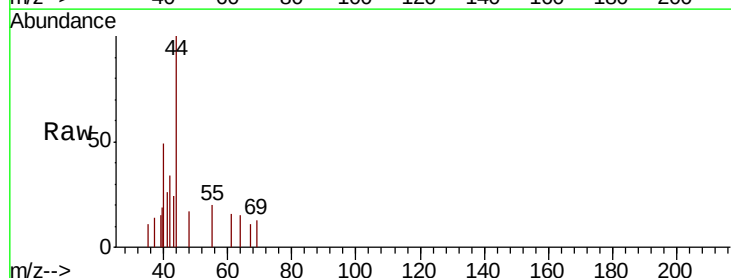
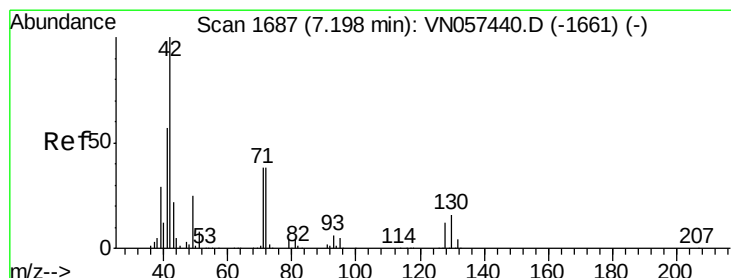
Tgt Ion: 42 Resp: 622

Ion Ratio Lower Upper

42 100

72 10.5 30.1 45.1#

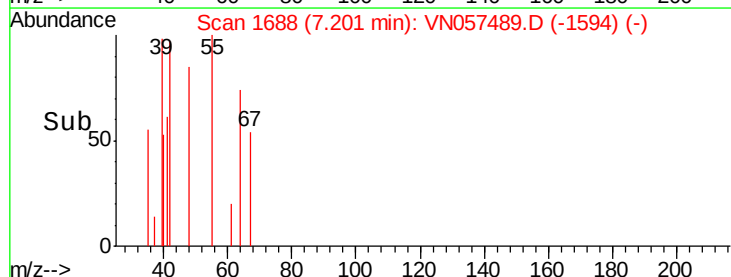
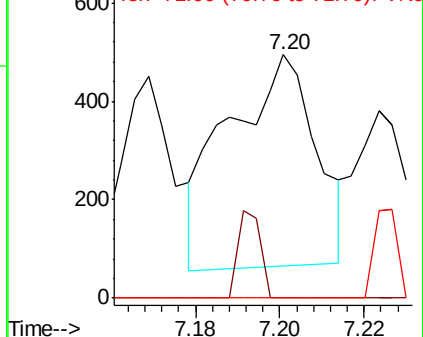
71 0.0 28.8 43.2#

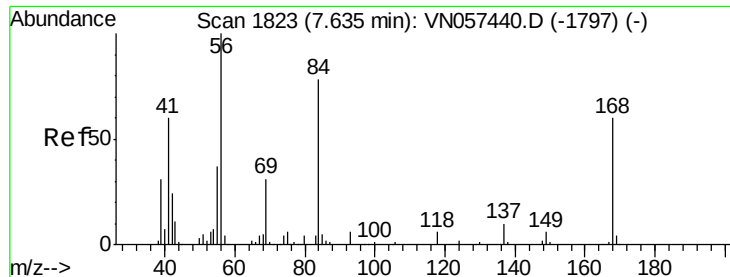


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

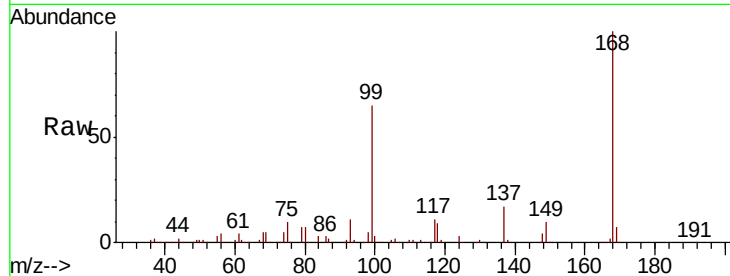




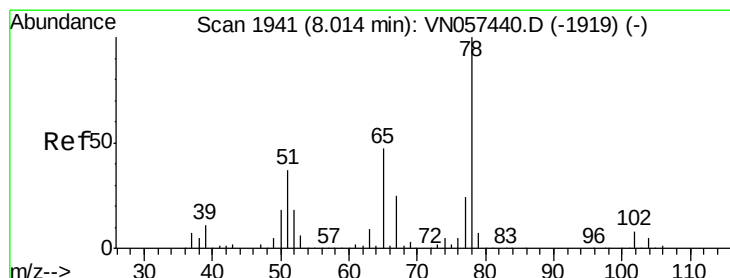
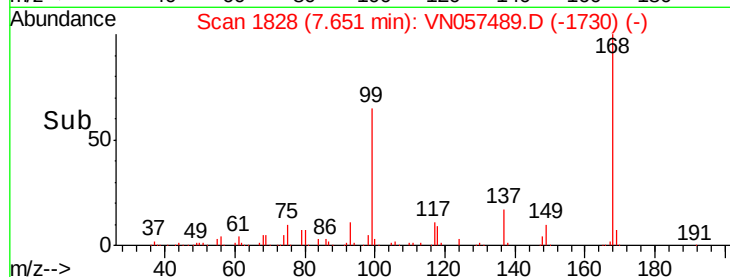
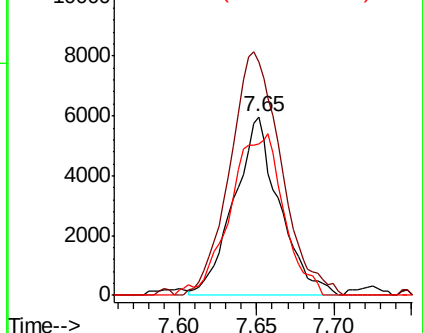
#31
Cyclohexane
Concen: 1.246 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

Instrument :
MSVOA_N
ClientSampled :
T2-S4(0)

Tgt Ion: 56 Resp: 12218
Ion Ratio Lower Upper
56 100
69 128.2 25.0 37.6#
84 84.6 62.5 93.7

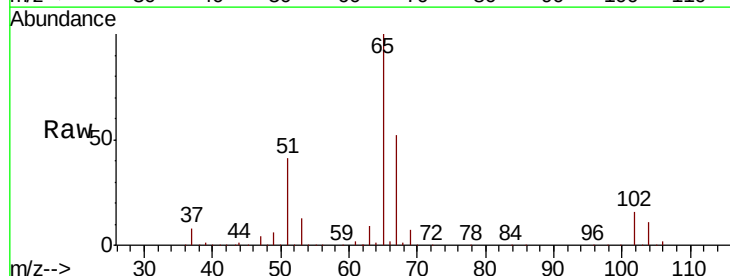


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

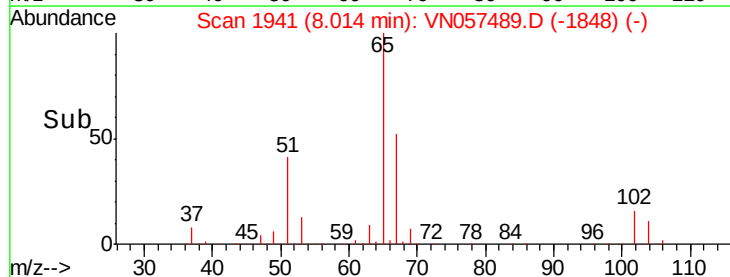
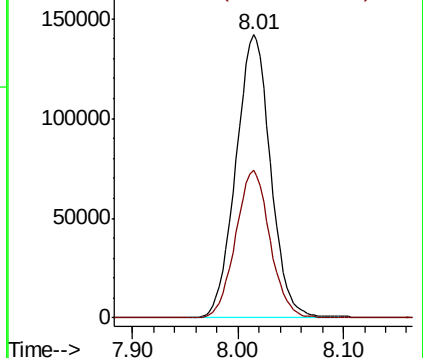


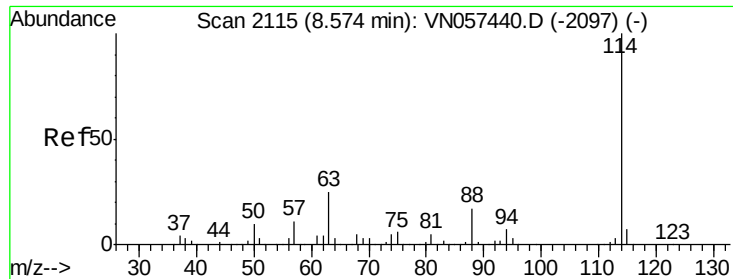
#33
1,2-Dichloroethane-d4
Concen: 46.498 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

Tgt Ion: 65 Resp: 324496
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.8



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

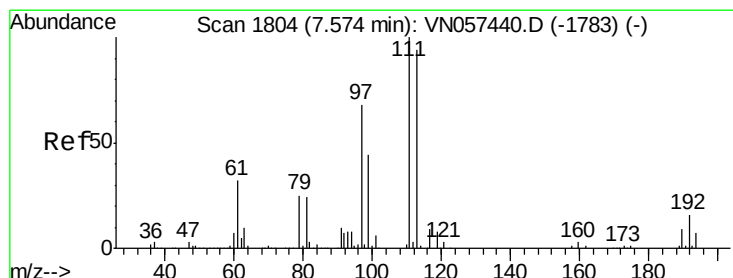
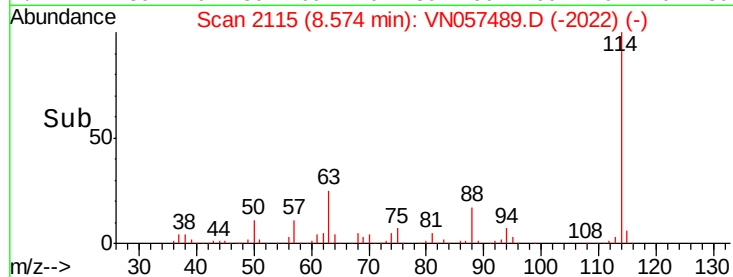
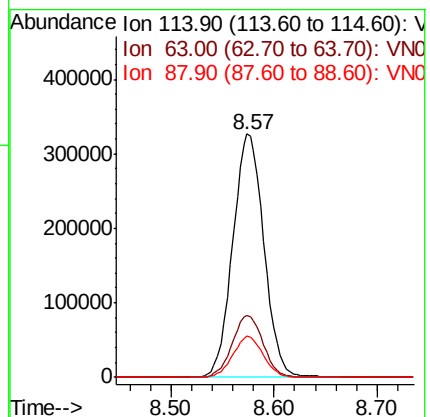
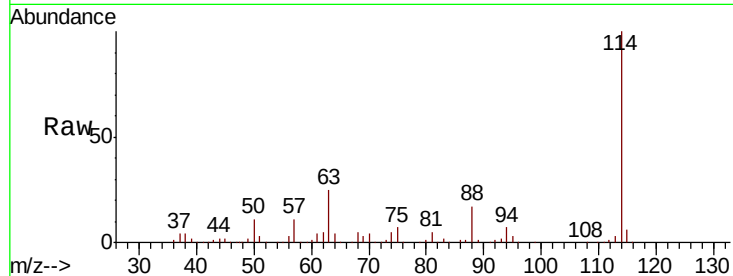




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

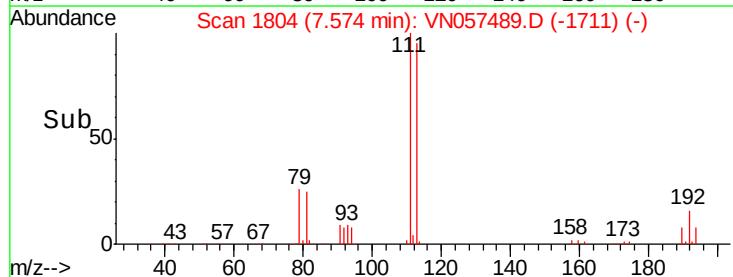
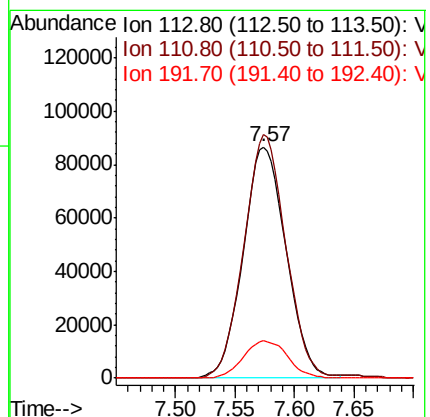
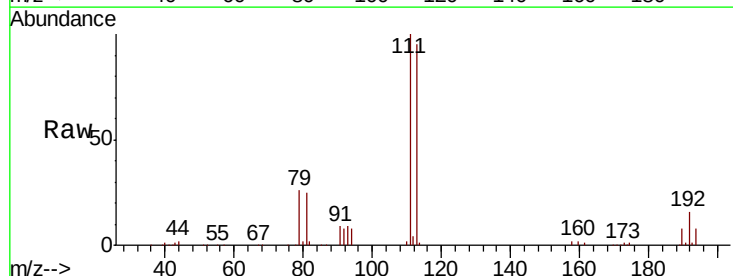
Instrument :
MSVOA_N
ClientSampleId :
T2-S4(0)

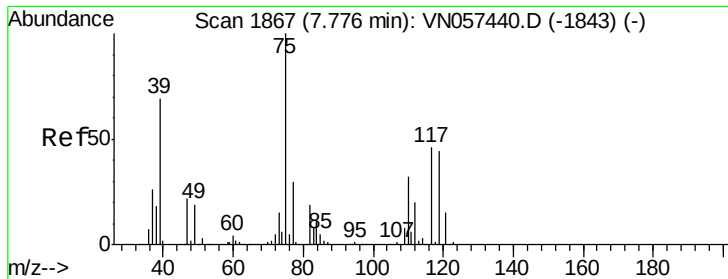
Tgt Ion:114 Resp: 685177
Ion Ratio Lower Upper
114 100
63 25.4 0.0 50.2
88 16.8 0.0 34.6



#35
Dibromofluoromethane
Concen: 46.875 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

Tgt Ion:113 Resp: 216943
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 16.6 13.5 20.3

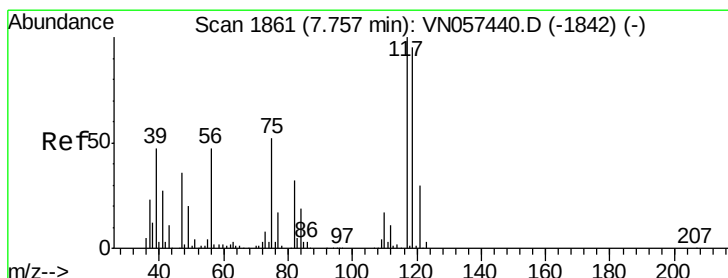
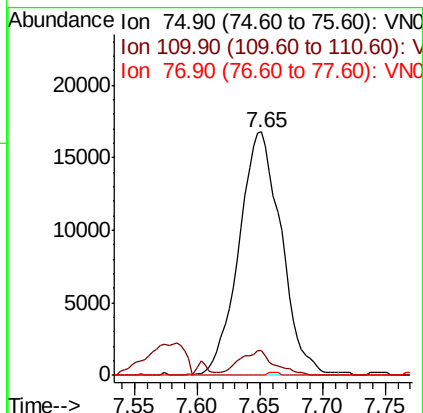
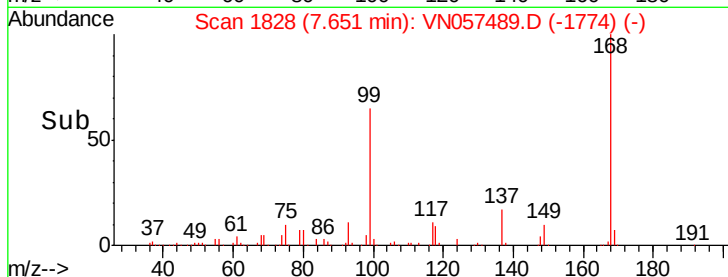
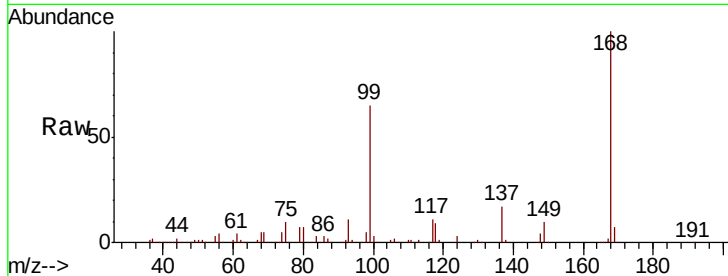




#36
 1,1-Dichloropropene
 Concen: 5.637 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057489.D
 Acq: 23 Aug 2019 22:35

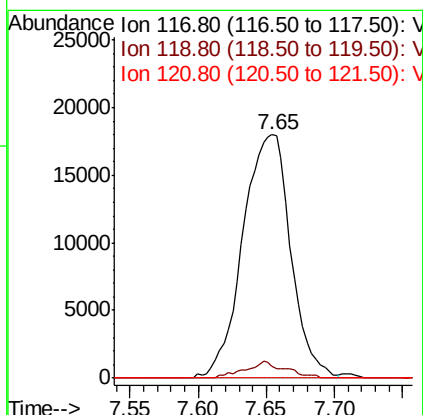
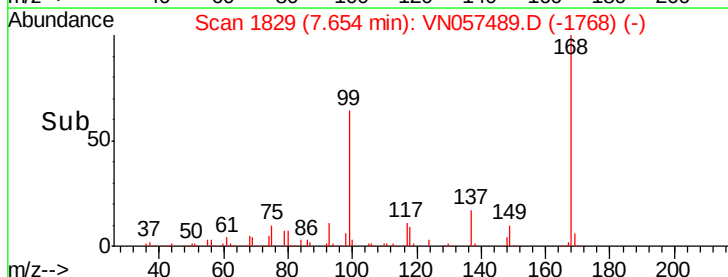
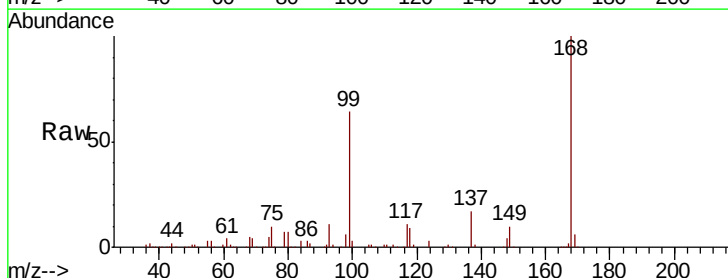
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S4(0)

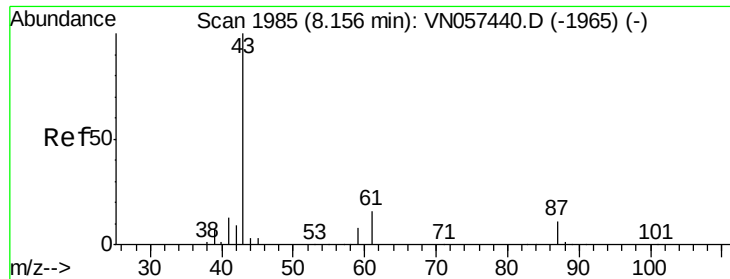
Tgt Ion: 75 Resp: 39463
 Ion Ratio Lower Upper
 75 100
 110 8.3 16.1 48.3#
 77 0.3 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.293 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.10 min
 Lab File: VN057489.D
 Acq: 23 Aug 2019 22:35

Tgt Ion: 117 Resp: 43772
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.2 114.4#
 121 0.0 23.8 35.6#





#43

Isopropyl Acetate

Concen: 6.235 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

T2-S4(0)

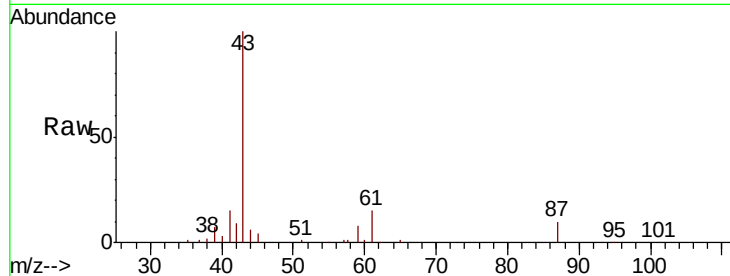
Tgt Ion: 43 Resp: 79094

Ion Ratio Lower Upper

43 100

61 17.0 14.5 21.7

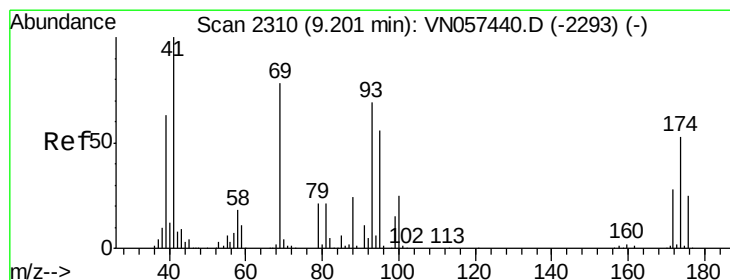
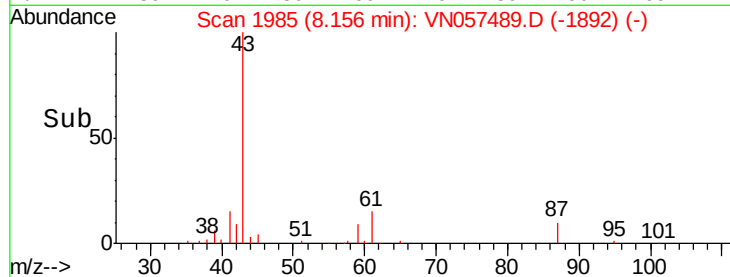
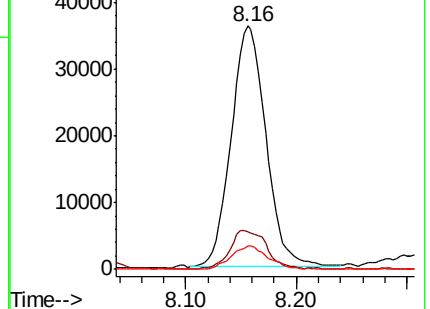
87 10.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN057440.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN057440.D (-1965) (-)



#46

Dibromomethane

Concen: Below Cal

RT: 9.30 min Scan# 2340

Delta R.T. 0.10 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

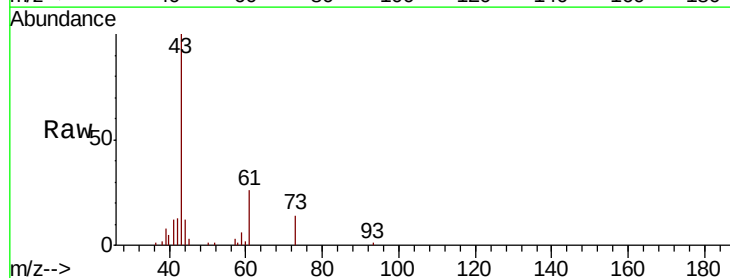
Tgt Ion: 93 Resp: 72

Ion Ratio Lower Upper

93 100

95 0.0 64.7 97.1#

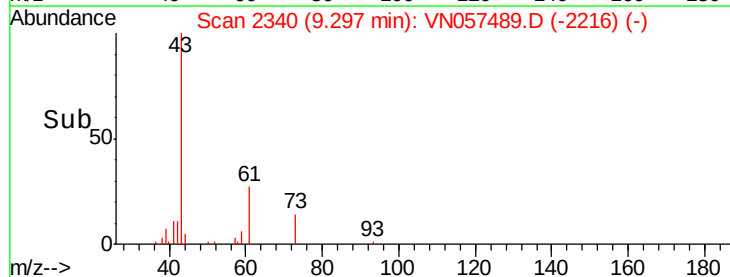
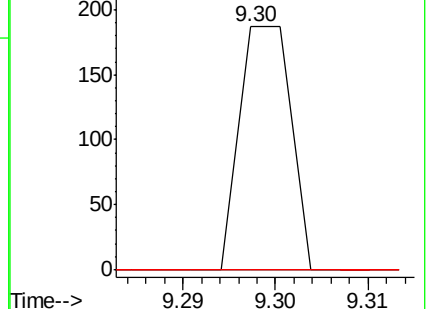
174 0.0 62.3 93.5#

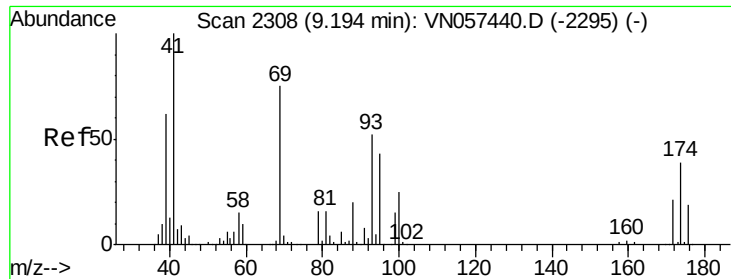


Abundance Ion 92.80 (92.50 to 93.50): VN057440.D (-2293) (-)

Ion 94.80 (94.50 to 95.50): VN057440.D (-2293) (-)

Ion 173.70 (173.40 to 174.40): VN057440.D (-2293) (-)

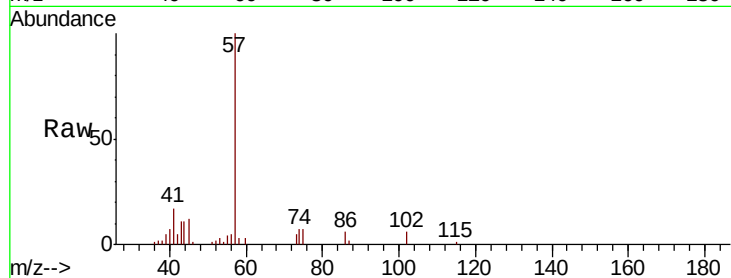




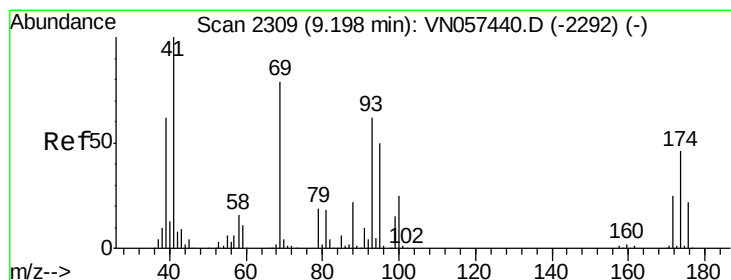
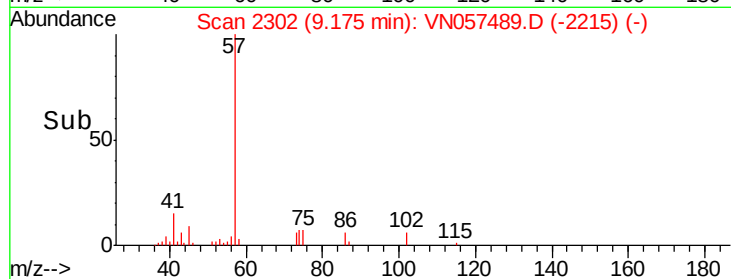
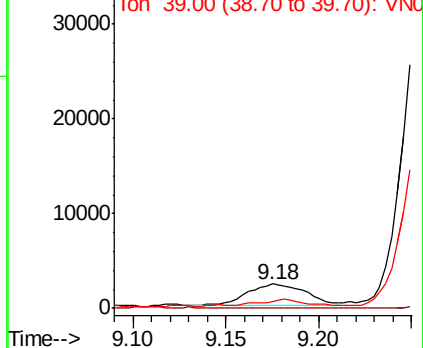
#48
Methyl methacrylate
Concen: 0.850 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

Instrument :
MSVOA_N
ClientSampled :
T2-S4(0)

Tgt Ion: 41 Resp: 5127
Ion Ratio Lower Upper
41 100
69 0.0 59.3 88.9#
39 0.0 50.6 75.8#

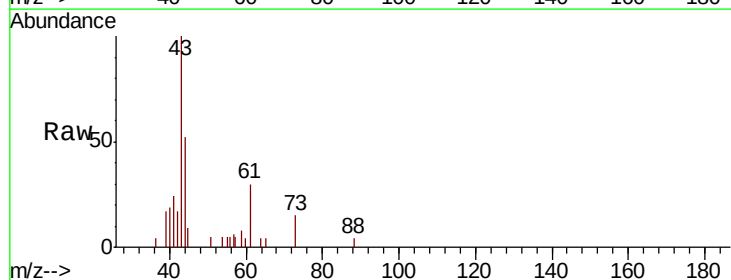


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

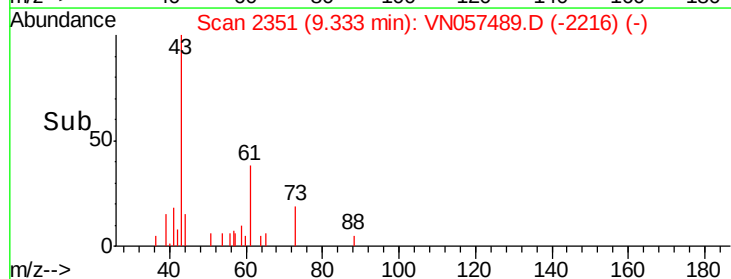
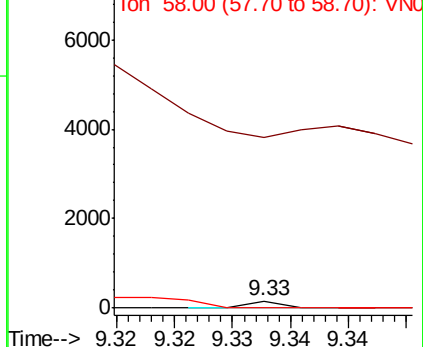


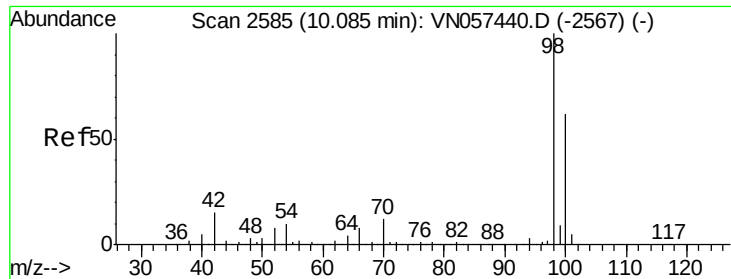
#49
1,4-Dioxane
Concen: 0.397 ug/l
RT: 9.33 min Scan# 2351
Delta R.T. 0.14 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 819.4 64.5 96.7#



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





#50

Toluene-d8

Concen: 48.873 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampled :

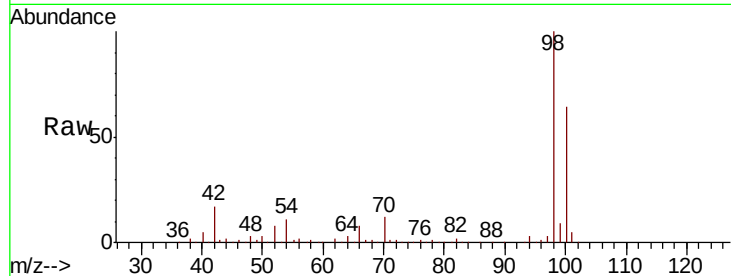
T2-S4(0)

Tgt Ion: 98 Resp: 855267

Ion Ratio Lower Upper

98 100

100 63.2 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

300000

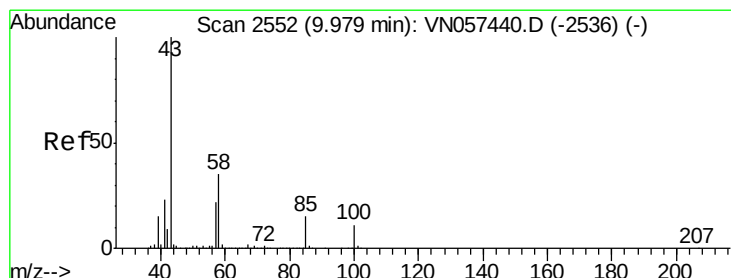
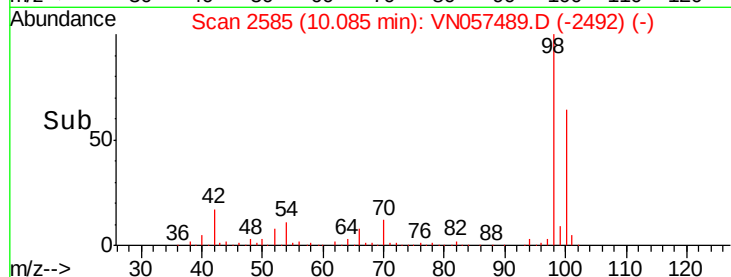
200000

100000

0

Time-->

10.00 10.10 10.20



#51

4-Methyl-2-Pentanone

Concen: 1.100 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN057489.D

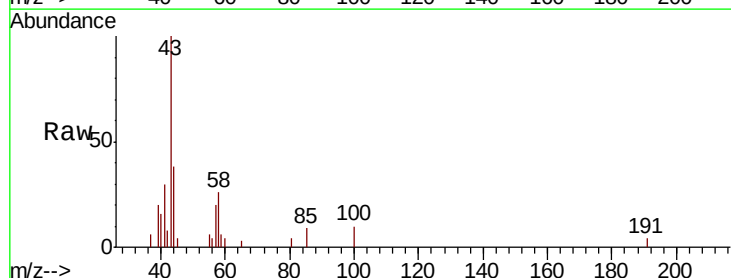
Acq: 23 Aug 2019 22:35

Tgt Ion: 43 Resp: 7776

Ion Ratio Lower Upper

43 100

58 30.9 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

10000

8000

6000

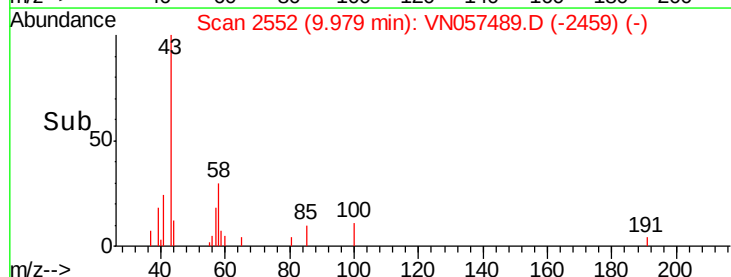
4000

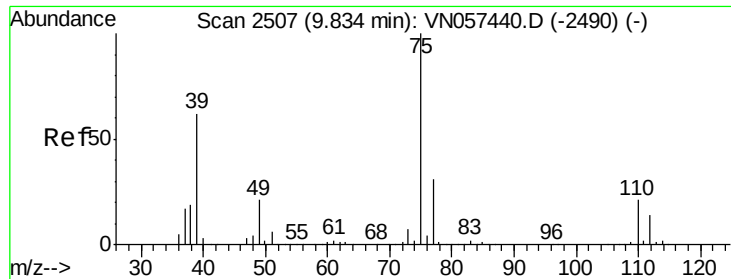
2000

0

Time-->

9.95 10.00



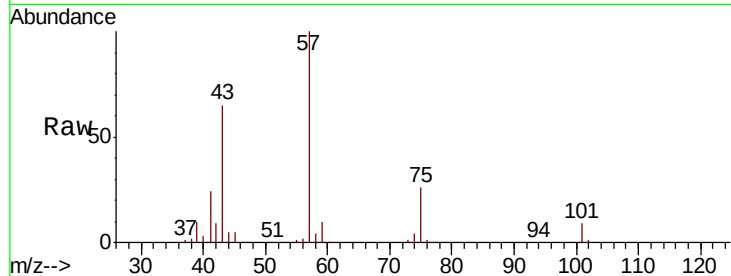


#54

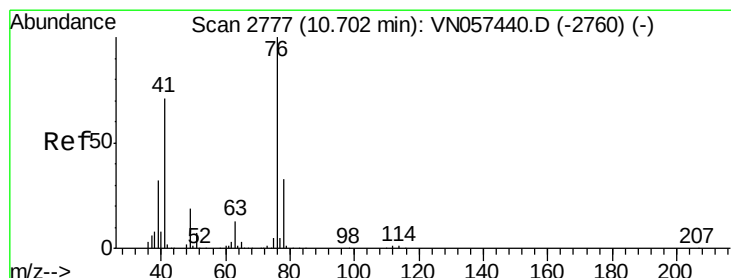
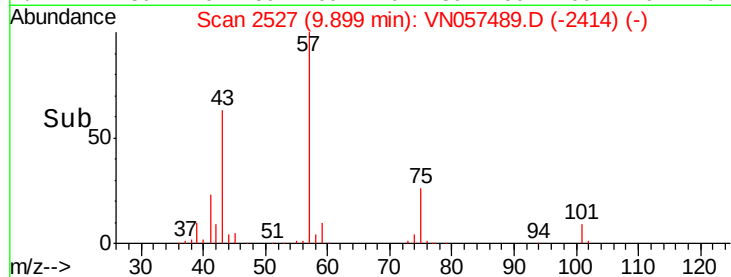
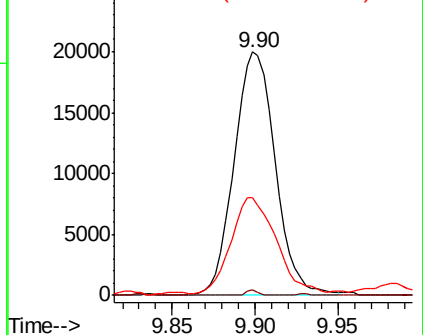
cis-1,3-Dichloropropene
 Concen: 3.789 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057489.D
 Acq: 23 Aug 2019 22:35

Instrument :
 MSVOA_N
 ClientSampled :
 T2-S4(0)

Tgt Ion: 75 Resp: 34500
 Ion Ratio Lower Upper
 75 100
 77 2.3 25.0 37.6#
 39 39.2 49.2 73.8#



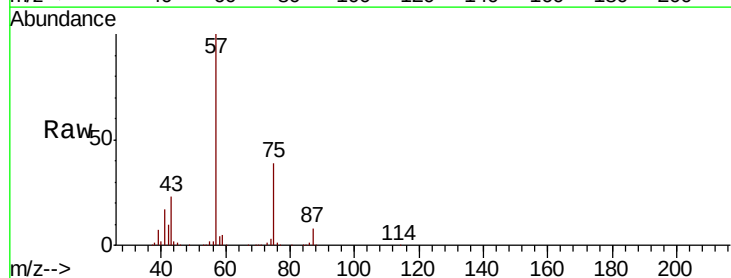
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



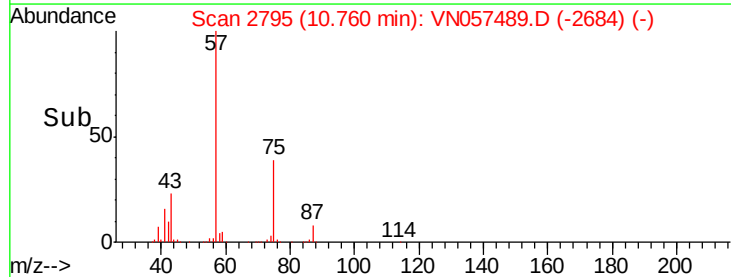
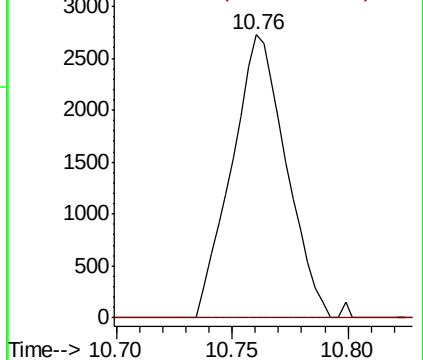
#57

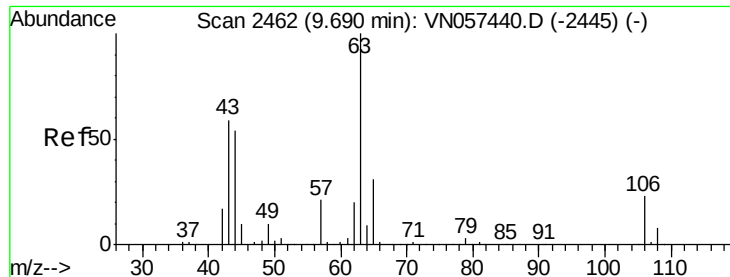
1,3-Dichloropropane
 Concen: 0.521 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057489.D
 Acq: 23 Aug 2019 22:35

Tgt Ion: 76 Resp: 4437
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

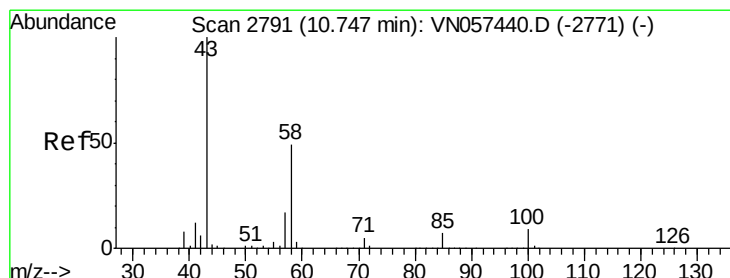
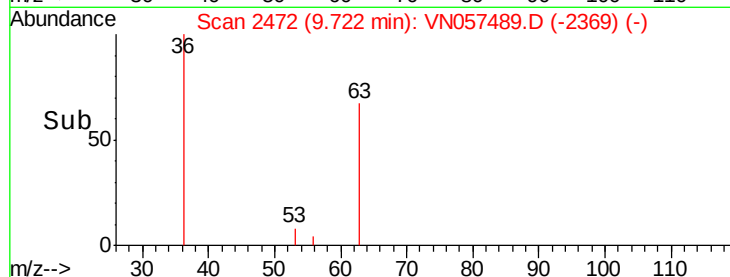
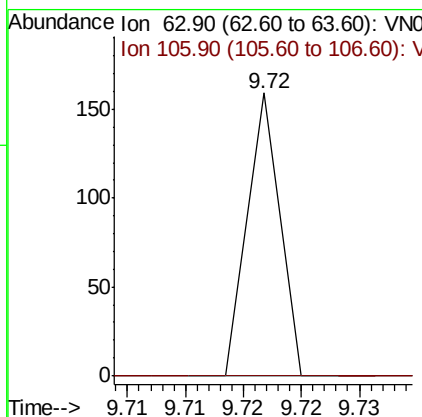
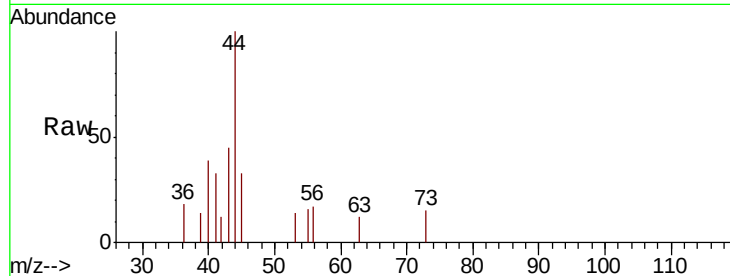




#58
 2-Chloroethyl Vinyl ether
 Concen: 17.078 ug/l
 RT: 9.72 min Scan# 2472
 Delta R.T. 0.03 min
 Lab File: VN057489.D
 Acq: 23 Aug 2019 22:35

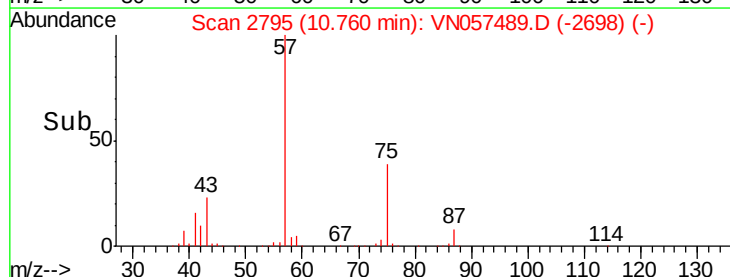
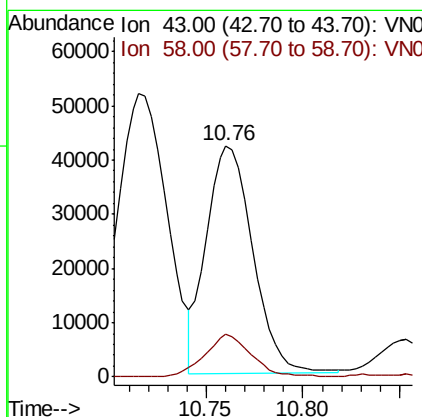
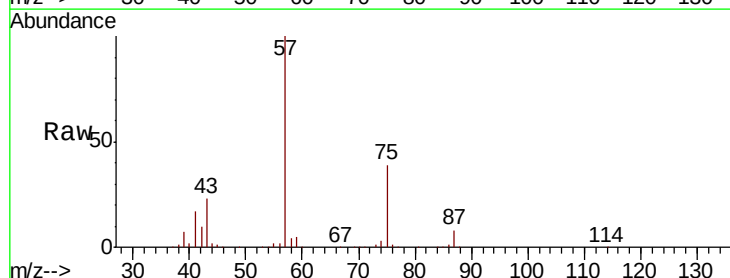
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S4(0)

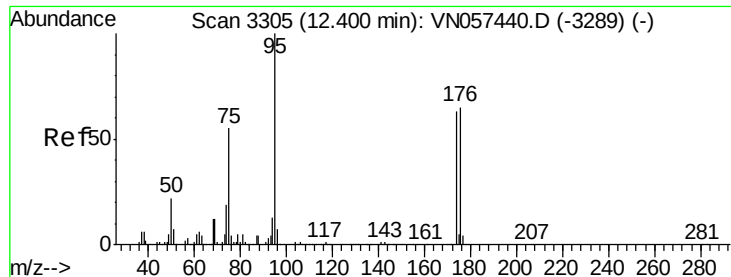
Tgt Ion: 63 Resp: 31
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#



#59
 2-Hexanone
 Concen: 14.516 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057489.D
 Acq: 23 Aug 2019 22:35

Tgt Ion: 43 Resp: 70386
 Ion Ratio Lower Upper
 43 100
 58 18.7 24.6 73.6#

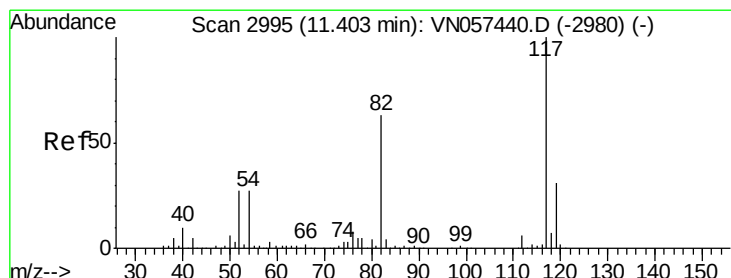
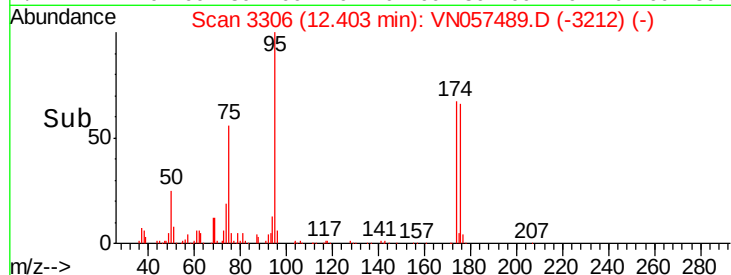
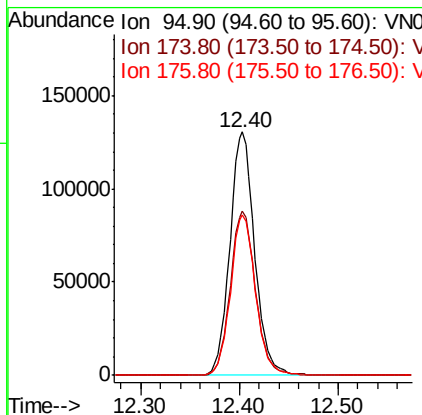
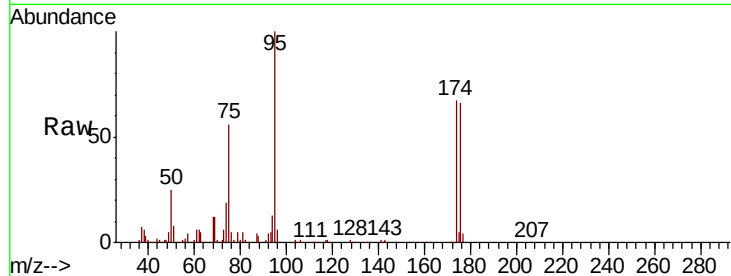




#62
4-Bromofluorobenzene
Concen: 38.574 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

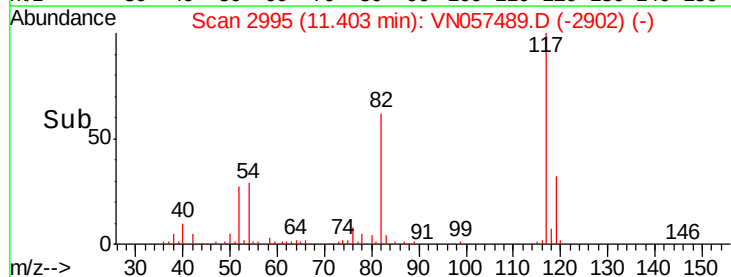
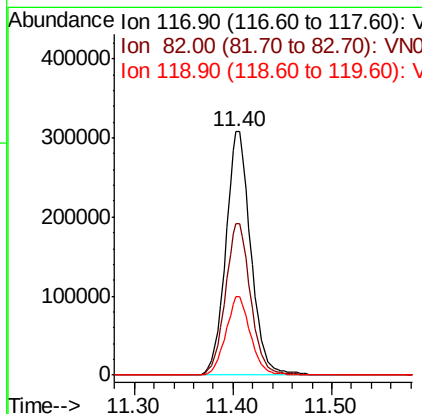
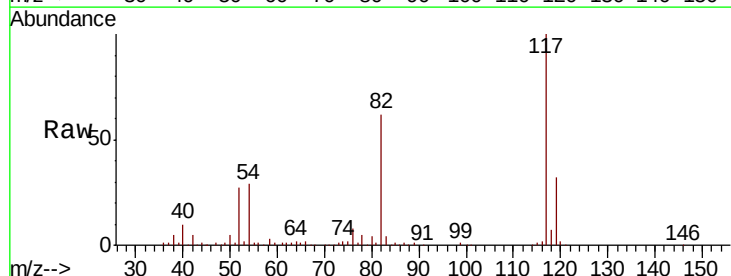
Instrument :
MSVOA_N
ClientSampleId :
T2-S4(0)

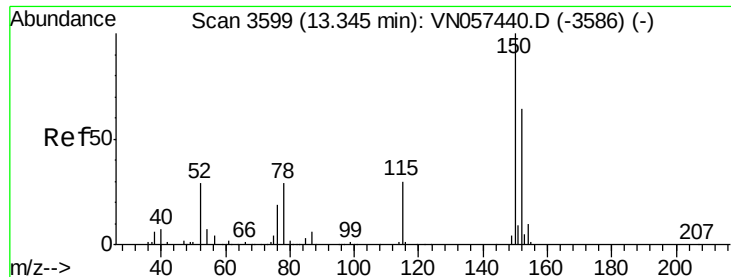
Tgt Ion: 95 Resp: 228760
Ion Ratio Lower Upper
95 100
174 68.7 0.0 133.0
176 66.5 0.0 130.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

Tgt Ion: 117 Resp: 547502
Ion Ratio Lower Upper
117 100
82 62.3 50.6 75.8
119 32.1 24.6 36.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

T2-S4(0)

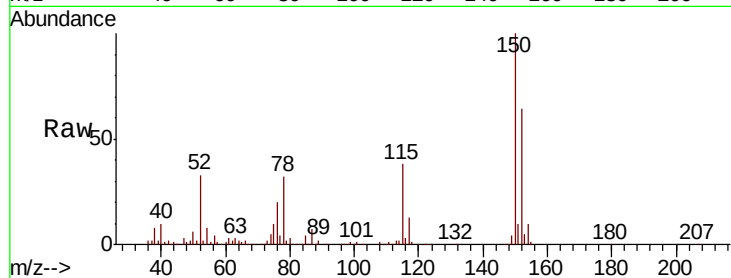
Tgt Ion:152 Resp: 133799

Ion Ratio Lower Upper

152 100

115 63.5 32.0 96.0

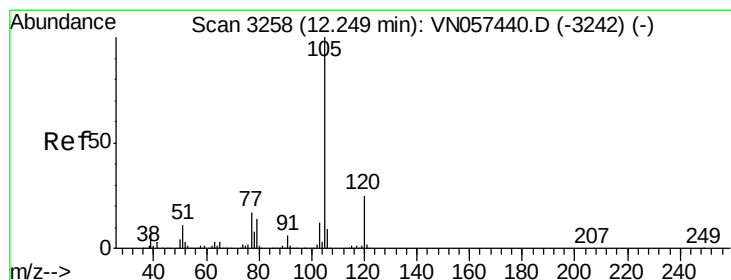
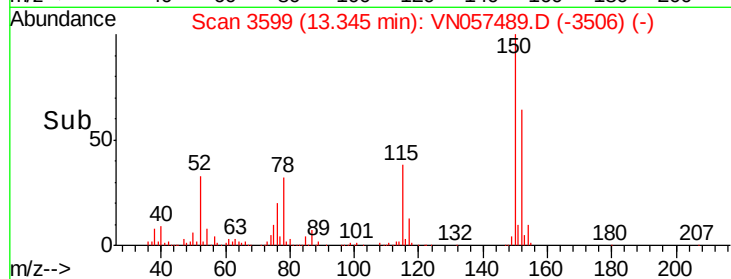
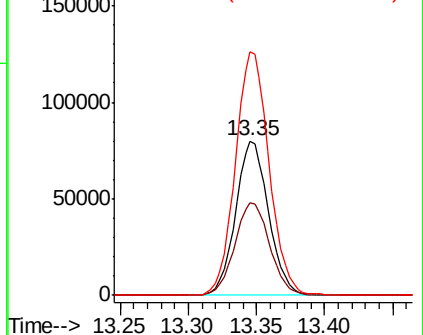
150 161.4 0.0 346.6



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# 3304

Delta R.T. 0.15 min

Lab File: VN057489.D

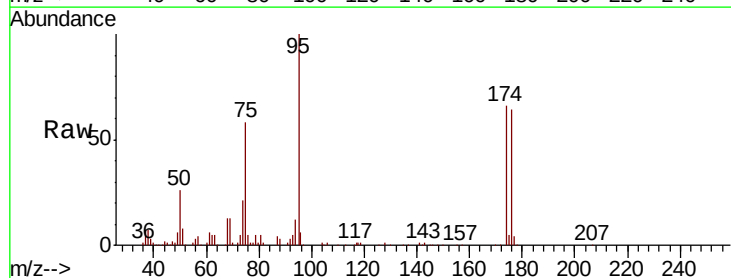
Acq: 23 Aug 2019 22:35

Tgt Ion:105 Resp: 208

Ion Ratio Lower Upper

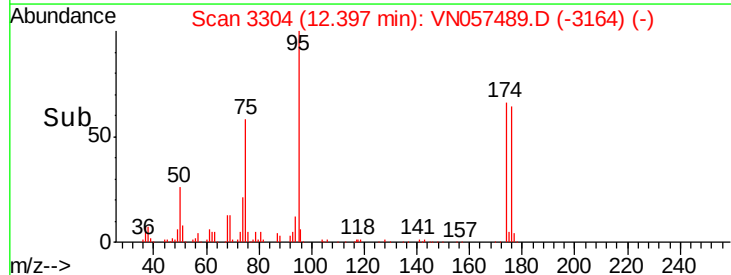
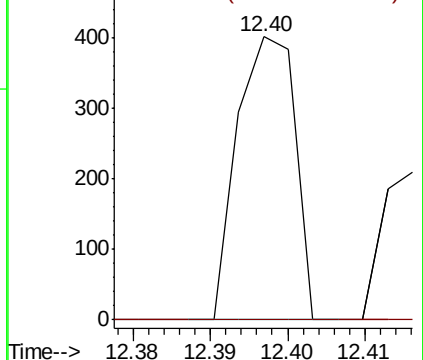
105 100

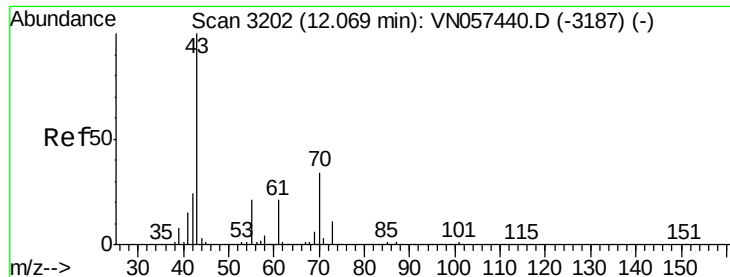
120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: Below Cal

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

T2-S4(0)

Tgt Ion: 43 Resp: 2922

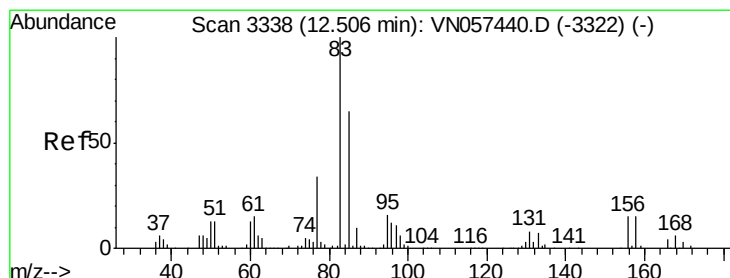
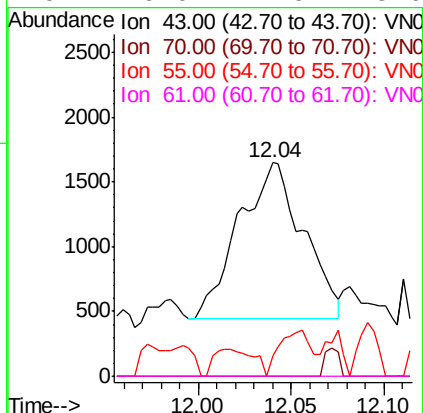
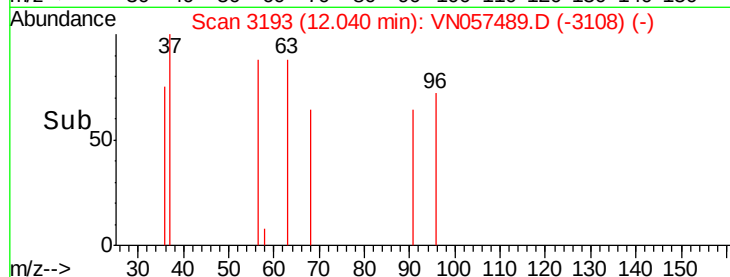
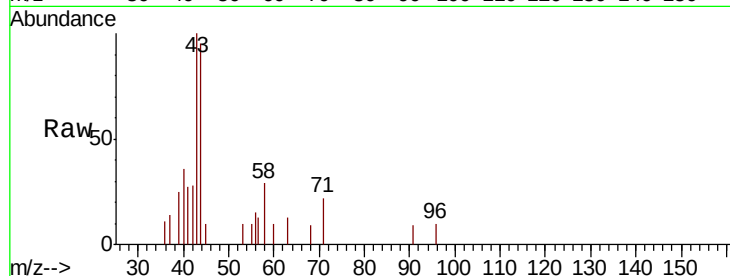
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 14.1 17.0 25.4#

61 0.0 17.0 25.6#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.48 min Scan# 3331

Delta R.T. -0.02 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

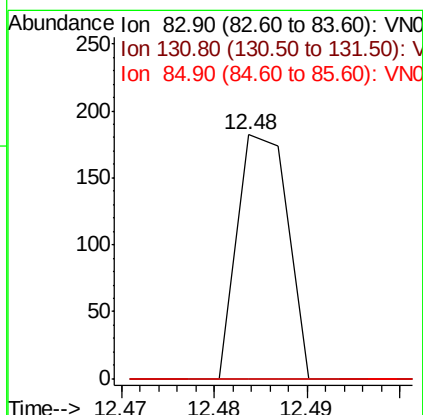
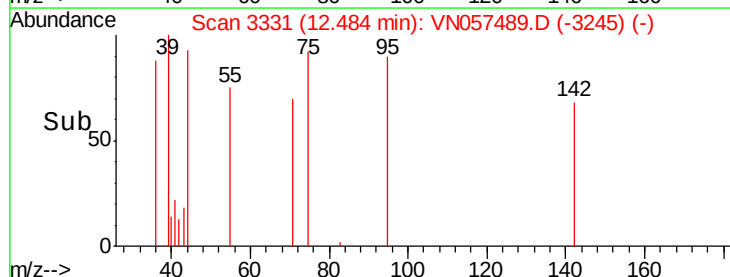
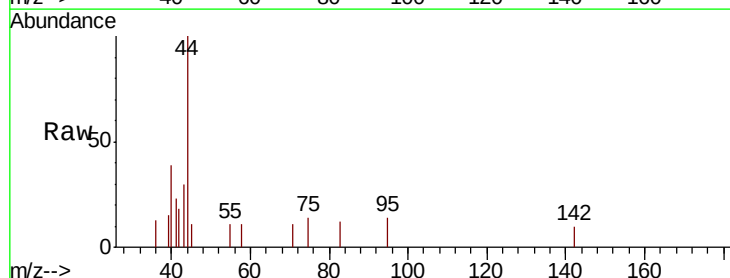
Tgt Ion: 83 Resp: 69

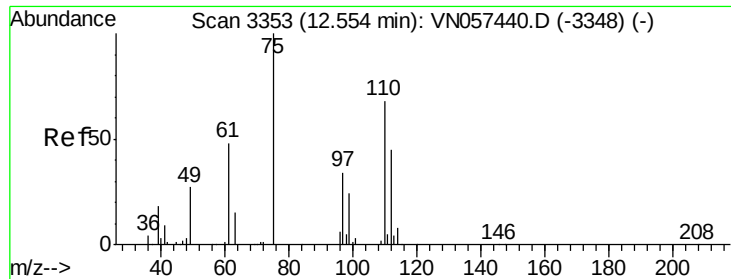
Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 44.306 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampled :

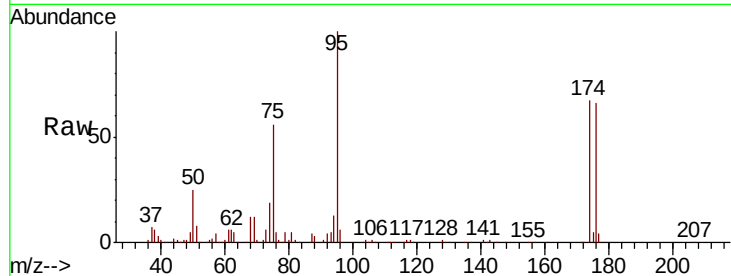
T2-S4(0)

Tgt Ion: 75 Resp: 132474

Ion Ratio Lower Upper

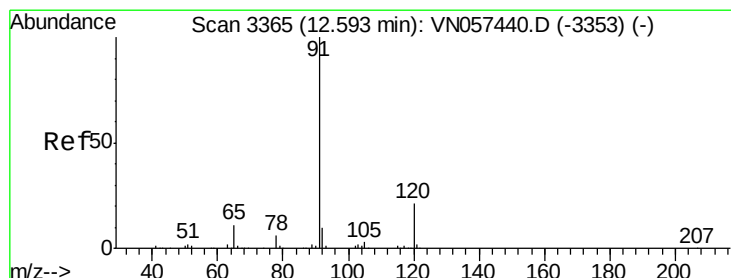
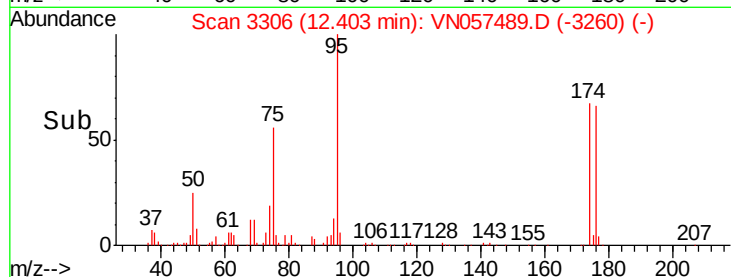
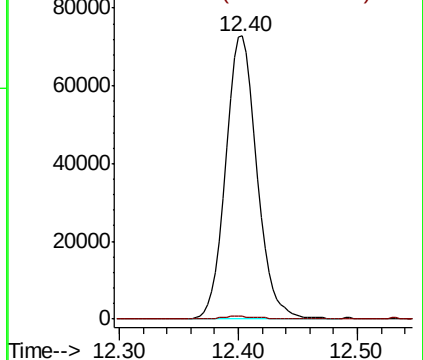
75 100

77 1.1 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: 12.61 min Scan# 3370

Delta R.T. 0.02 min

Lab File: VN057489.D

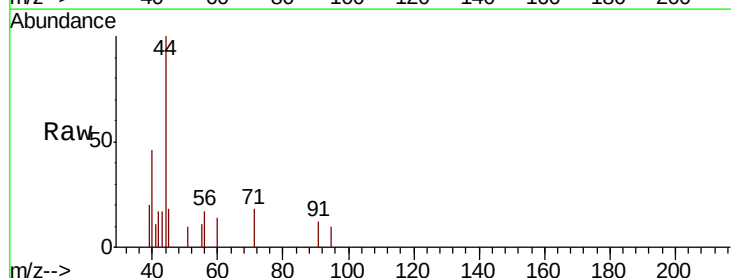
Acq: 23 Aug 2019 22:35

Tgt Ion: 91 Resp: 77

Ion Ratio Lower Upper

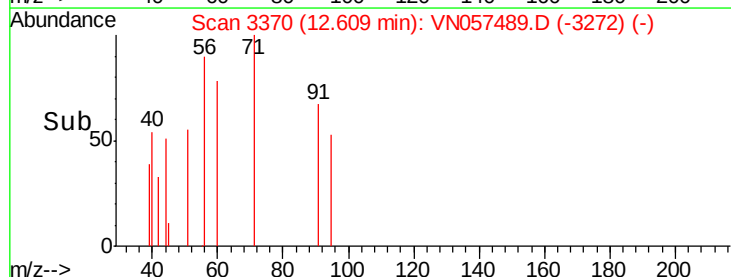
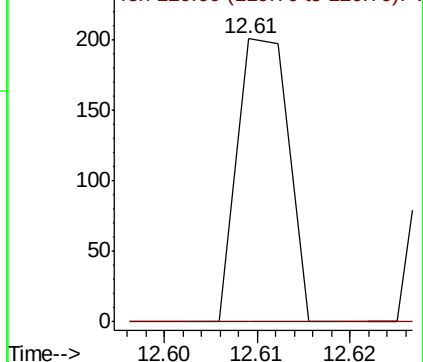
91 100

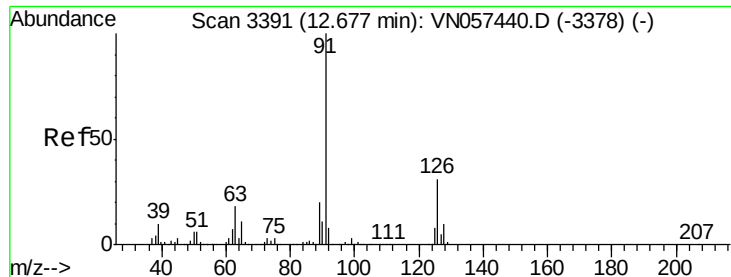
120 0.0 10.7 32.1#



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: 12.63 min Scan# 3377

Delta R.T. -0.04 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

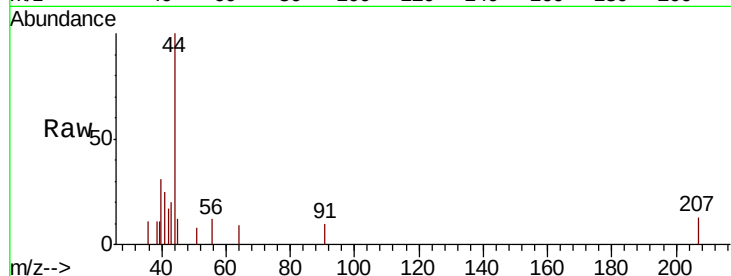
T2-S4(0)

Tgt Ion: 91 Resp: 65

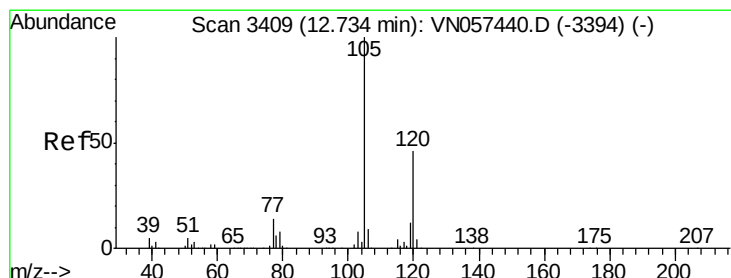
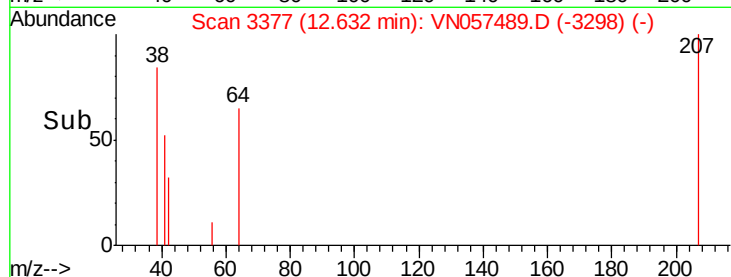
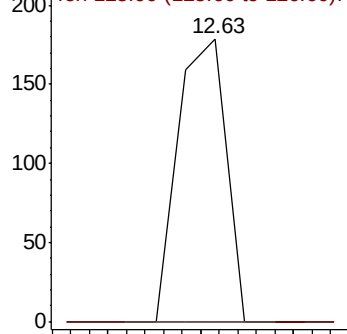
Ion Ratio Lower Upper

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: 12.74 min Scan# 3412

Delta R.T. 0.01 min

Lab File: VN057489.D

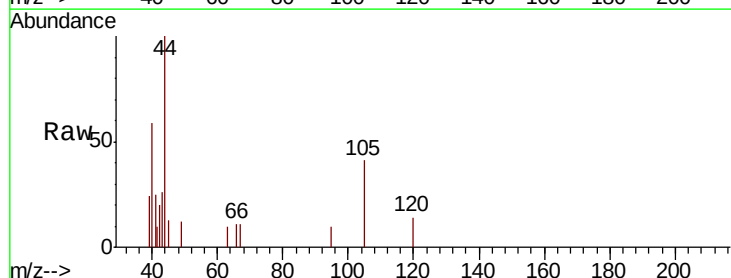
Acq: 23 Aug 2019 22:35

Tgt Ion: 105 Resp: 1017

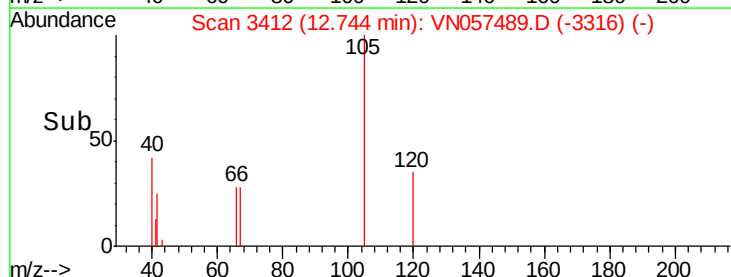
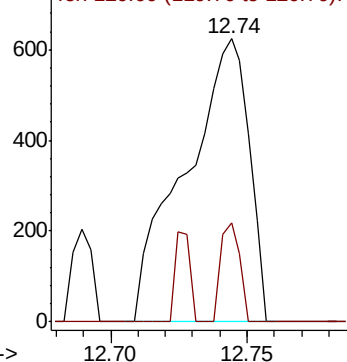
Ion Ratio Lower Upper

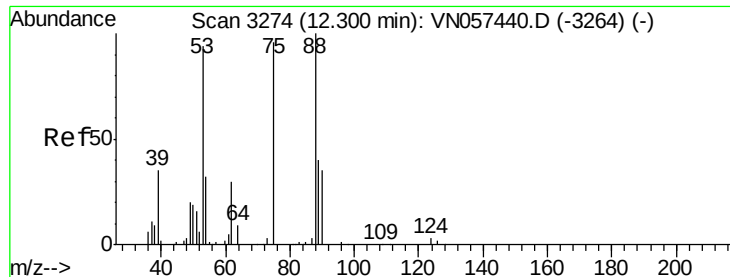
105 100

120 10.7 23.3 69.8#



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





#81

trans-1,4-Dichloro-2-butene

Concen: 113.671 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

T2-S4(0)

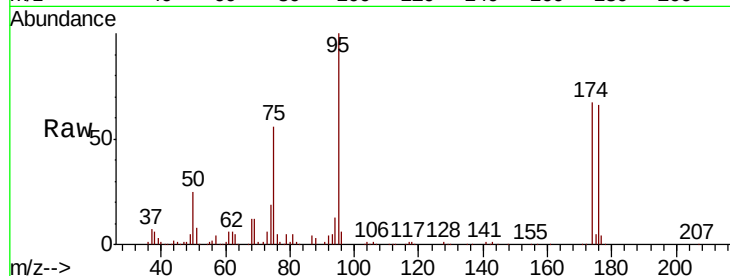
Tgt Ion: 75 Resp: 132474

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

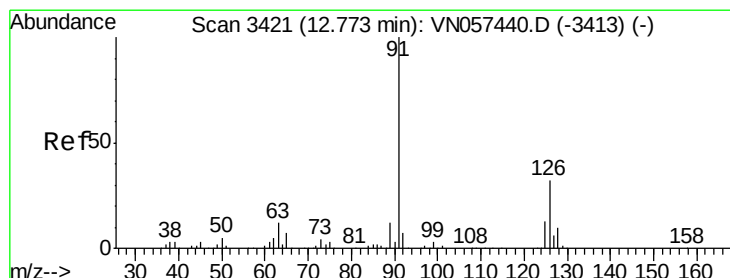
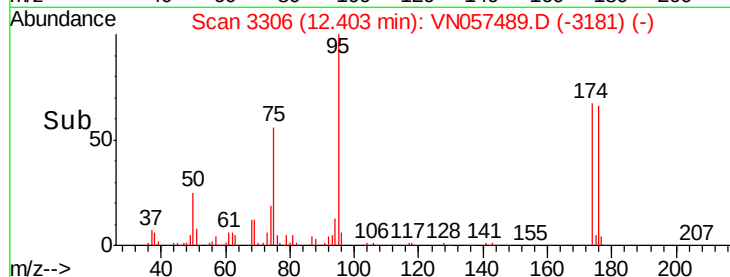
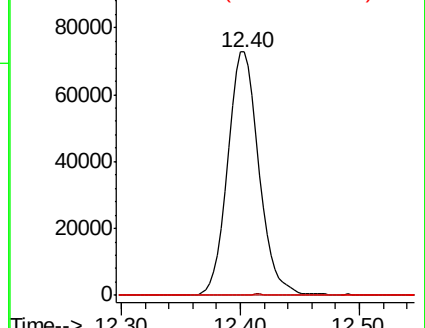
89 0.0 35.8 53.8#



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: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057489.D

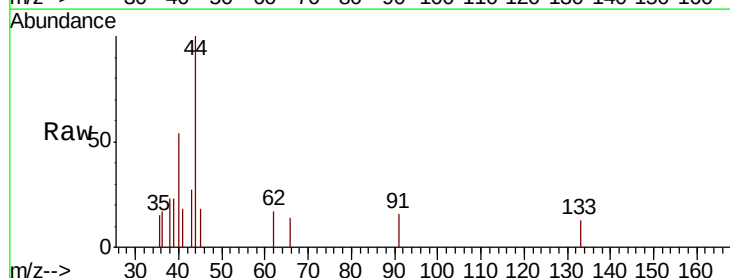
Acq: 23 Aug 2019 22:35

Tgt Ion: 91 Resp: 109

Ion Ratio Lower Upper

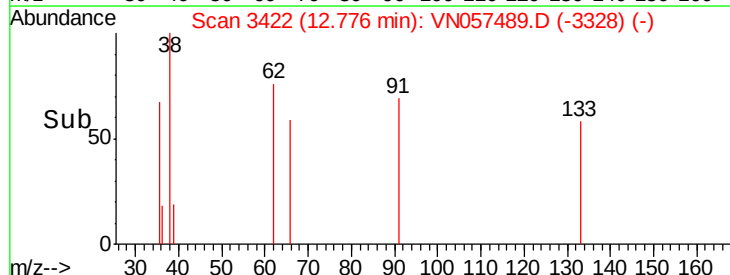
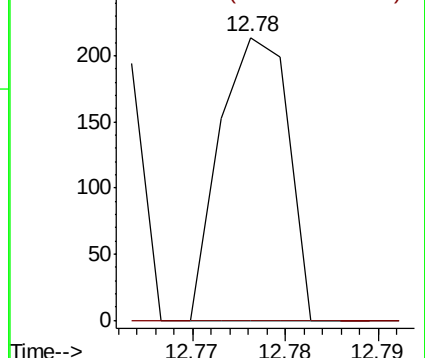
91 100

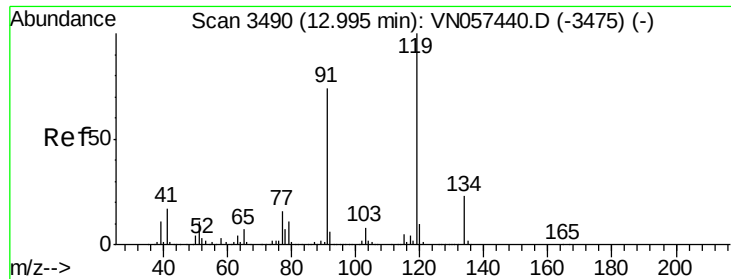
126 0.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

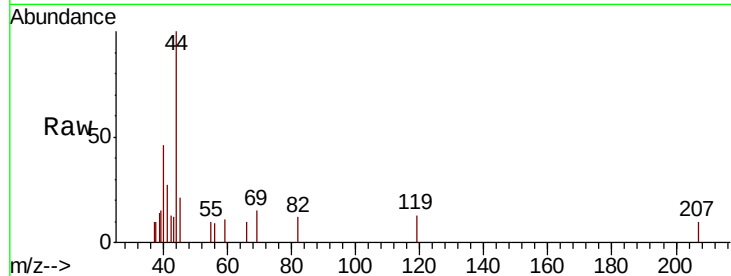




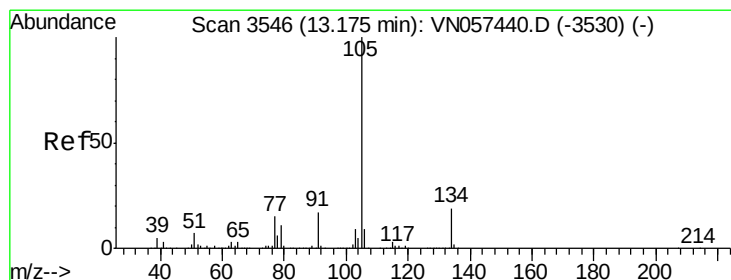
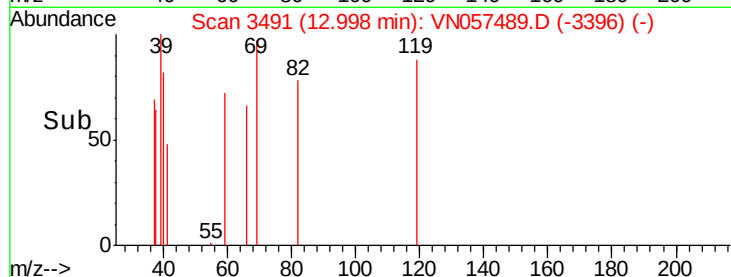
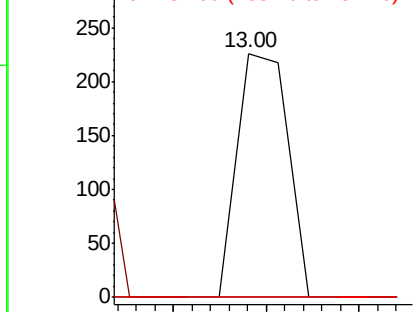
#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

Instrument :
MSVOA_N
ClientSampled :
T2-S4(0)

Tgt Ion:119 Resp: 85
Ion Ratio Lower Upper
119 100
91 122.4 37.0 111.0#
134 0.0 12.2 36.6#

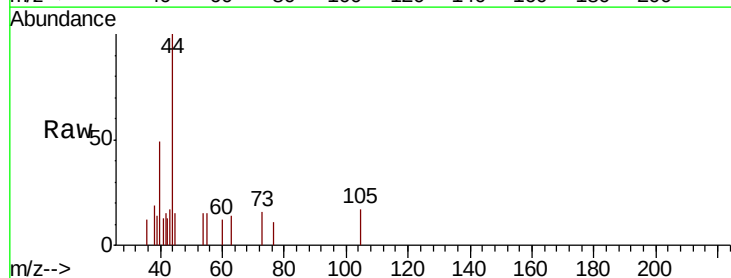


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

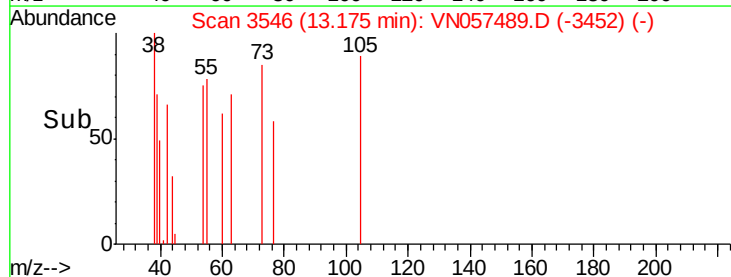
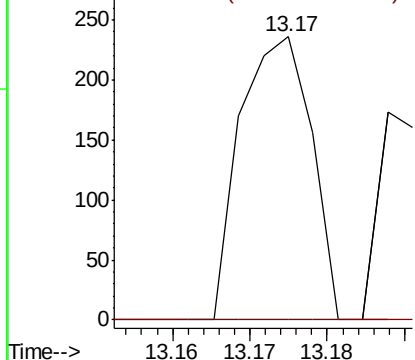


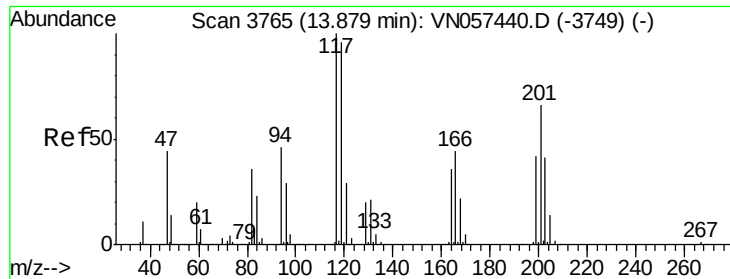
#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

Tgt Ion:105 Resp: 151
Ion Ratio Lower Upper
105 100
134 0.0 9.3 27.9#



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: 14.09 min Scan# 3832

Delta R.T. 0.22 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampled :

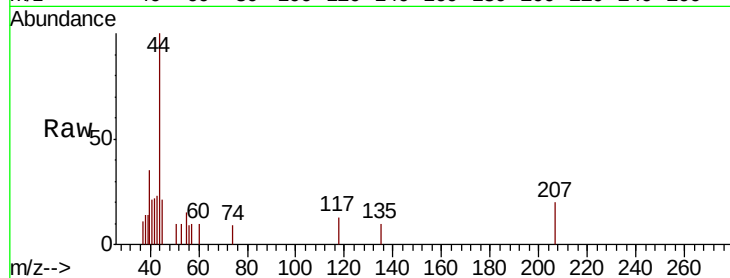
T2-S4(0)

Tgt Ion: 117 Resp: 77

Ion Ratio Lower Upper

117 100

201 0.0 33.1 99.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.09

200

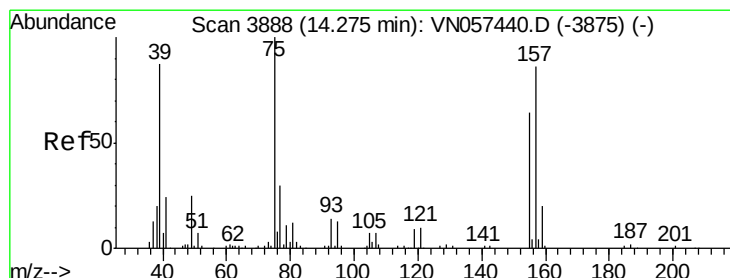
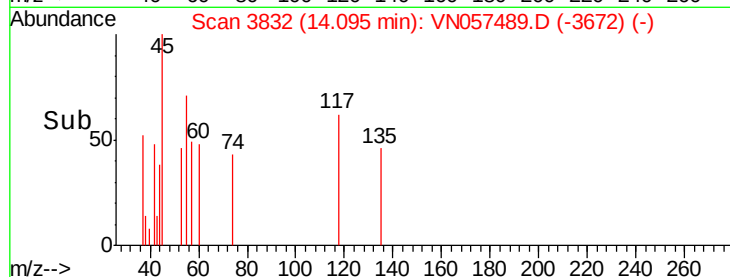
150

100

50

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.30 min Scan# 3895

Delta R.T. 0.02 min

Lab File: VN057489.D

Acq: 23 Aug 2019 22:35

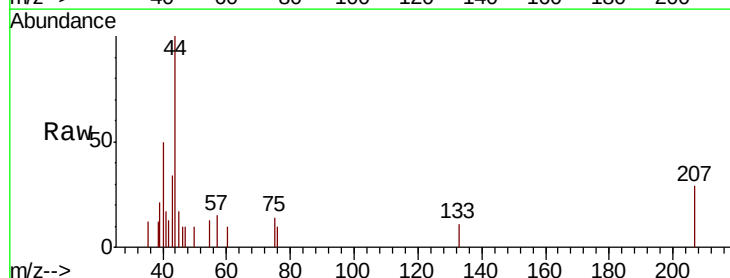
Tgt Ion: 75 Resp: 86

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): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.30

300

250

200

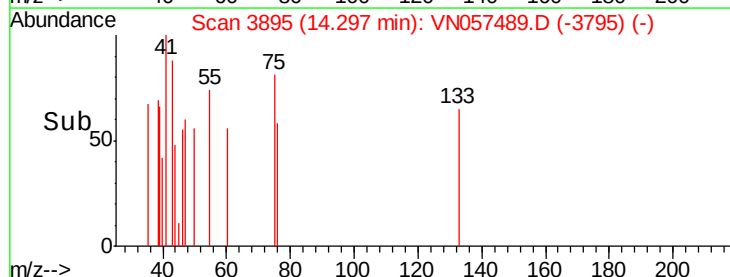
150

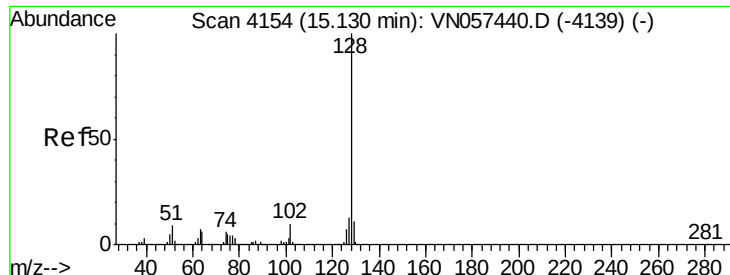
100

50

0

Time-->





#95
Naphthalene
Concen: 4.435 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN057489.D
Acq: 23 Aug 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
T2-S4(0)

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

