

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057506.D
 Acq On : 26 Aug 2019 12:53
 Operator : JC/SP
 Sample : K4474-40
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-A-(2.5)

Quant Time: Aug 27 07:12:43 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	436261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	752062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	645929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	148019	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	360121	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	
35) Dibromofluoromethane	7.57	113	240207	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	
50) Toluene-d8	10.09	98	991940	51.64	ug/l	0.00
Spiked Amount			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.40	95	262872	40.38	ug/l	0.00
Spiked Amount			Recovery	=	80.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	1621	0.220	ug/l #	76
8) Diethyl Ether	3.27	74	193	Below Cal		85
9) 1,1,2-Trichlorotrifluoroet	3.71	101	30	Below Cal	#	1
11) Tert butyl alcohol	4.75	59	338	0.354	ug/l #	93
13) Acrolein	3.59	56	452	0.539	ug/l #	13
16) Acetone	3.80	43	32323	9.171	ug/l	97
18) Methyl Acetate	4.30	43	2745	Below Cal	#	1
20) Methylene Chloride	4.52	84	17963	3.368	ug/l	85
25) 2-Butanone	6.83	43	1546	0.404	ug/l #	53
31) Cyclohexane	7.65	56	14298	1.326	ug/l #	29
36) 1,1-Dichloropropene	7.65	75	42497	5.530	ug/l #	50
38) Carbon Tetrachloride	7.65	117	46380	6.075	ug/l #	16
43) Isopropyl Acetate	8.16	43	112136	8.054	ug/l	99
46) Dibromomethane	9.07	93	122	Below Cal	#	38
48) Methyl methacrylate	9.26	41	168200	25.405	ug/l #	48
49) 1,4-Dioxane	9.28	88	36	0.420	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8043	1.037	ug/l	92
54) cis-1,3-Dichloropropene	9.90	75	43466	4.349	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	6522	0.697	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.72	63	77	17.095	ug/l #	52
59) 2-Hexanone	10.76	43	114187	21.455	ug/l #	52
73) Isopropylbenzene	12.24	105	175	Below Cal	#	50
74) N-amyl acetate	12.03	43	4237	Below Cal	#	56
75) 1,1,2,2-Tetrachloroethane	12.45	83	68	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	152826	46.375	ug/l #	100
78) n-propylbenzene	12.59	91	699	Below Cal	#	55
79) 2-Chlorotoluene	12.69	91	321	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.73	105	1161	Below Cal	#	53
81) trans-1,4-Dichloro-2-buten	12.40	75	152826	118.675	ug/l #	9
82) 4-Chlorotoluene	12.78	91	471	Below Cal	#	45
83) tert-Butylbenzene	12.99	119	105	Below Cal	#	7
85) sec-Butylbenzene	13.18	105	475	Below Cal	#	58
90) Hexachloroethane	13.85	117	82	Below Cal	#	17
92) 1,2-Dibromo-3-Chloropropan	14.31	75	96	Below Cal	#	32

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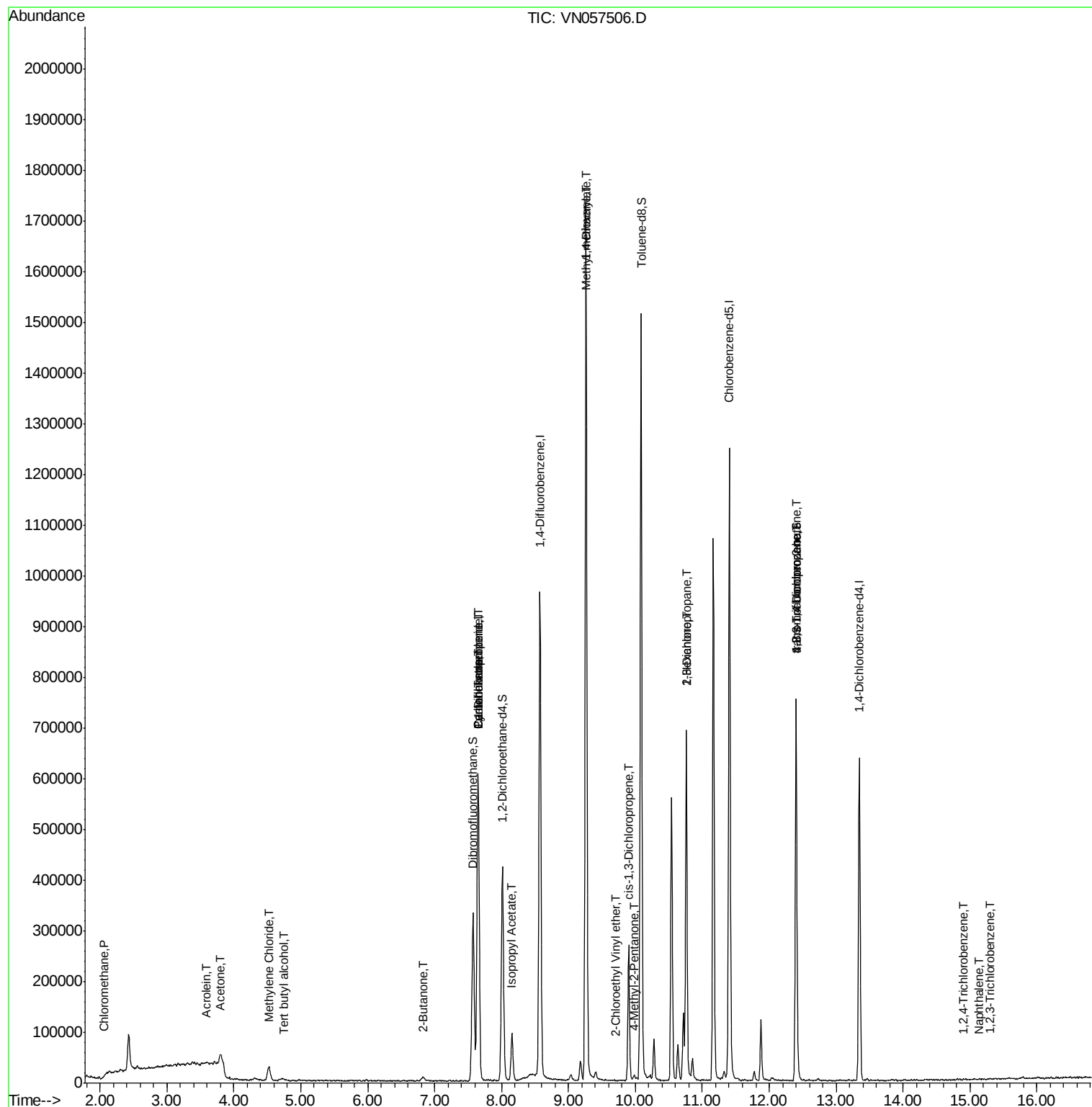
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	175	5.456	ug/l	82
95) Naphthalene	15.12	128	1491	4.571	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.30	180	333	5.277	ug/l #	57

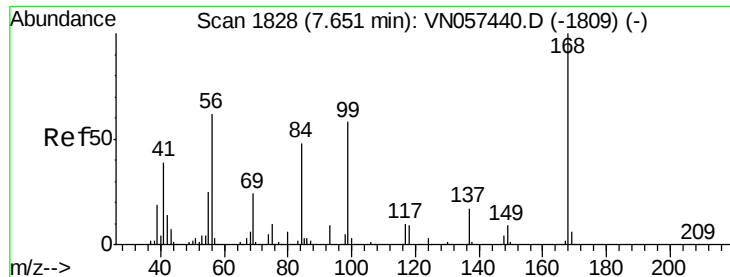
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

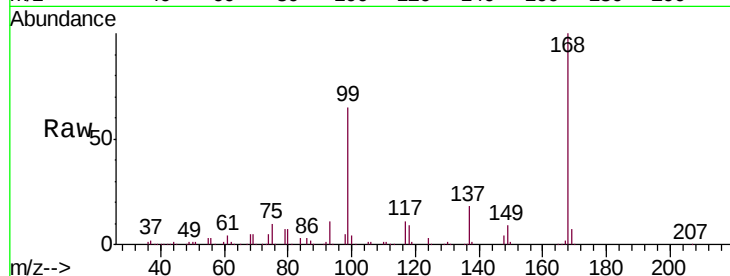
T1-2-A-(2.5)

Tgt Ion:168 Resp: 436261

Ion Ratio Lower Upper

168 100

99 64.5 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

200000

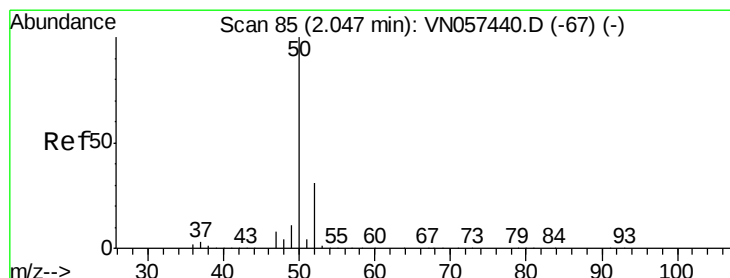
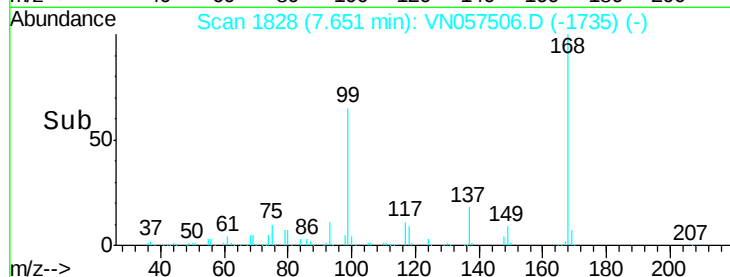
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.220 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN057506.D

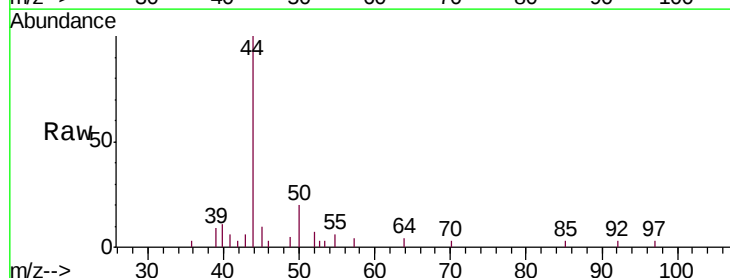
Acq: 26 Aug 2019 12:53

Tgt Ion: 50 Resp: 1621

Ion Ratio Lower Upper

50 100

52 18.2 25.1 37.7#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

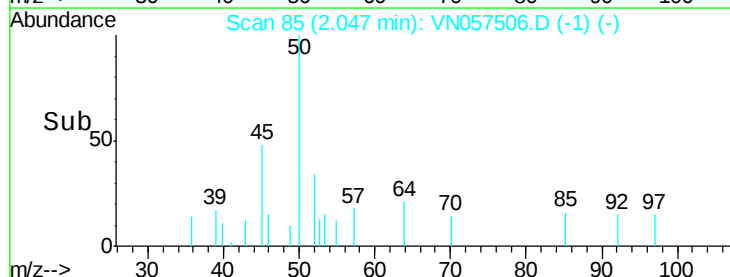
2.05

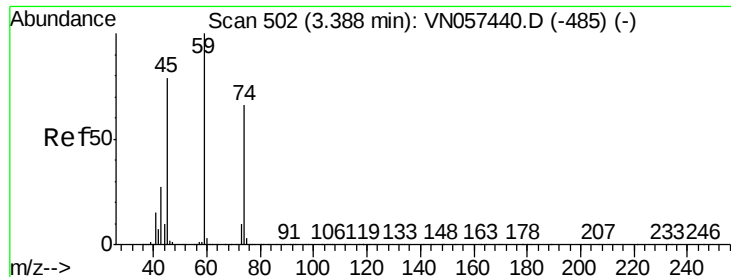
1000

500

0

Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 3.27 min Scan# 467

Delta R.T. -0.11 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

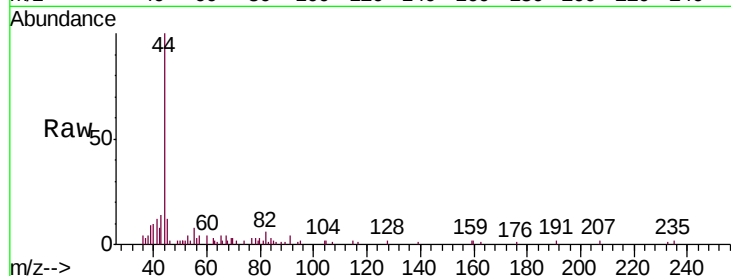
T1-2-A-(2.5)

Tgt Ion: 74 Resp: 193

Ion Ratio Lower Upper

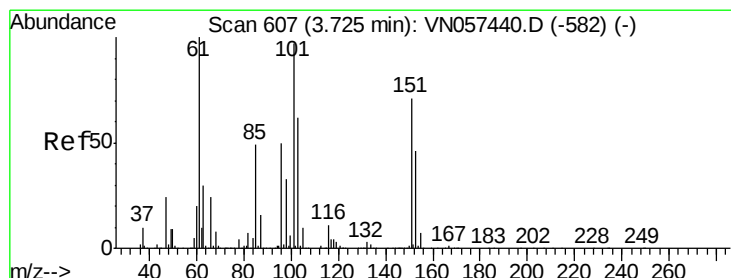
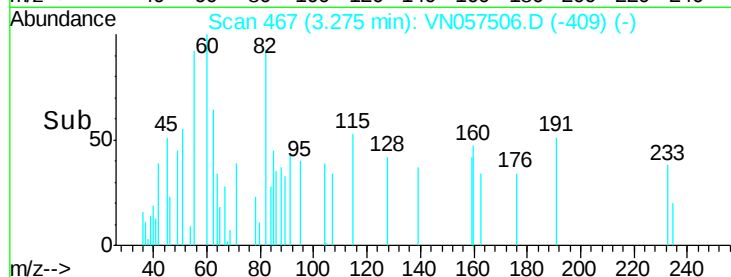
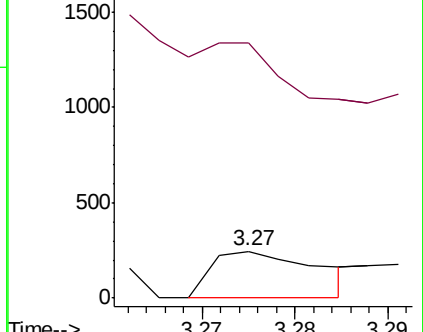
74 100

45 132.1 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN057506.D (-485) (-)

Ion 45.00 (44.70 to 45.70): VN057506.D (-485) (-)



#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.71 min Scan# 603

Delta R.T. -0.01 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

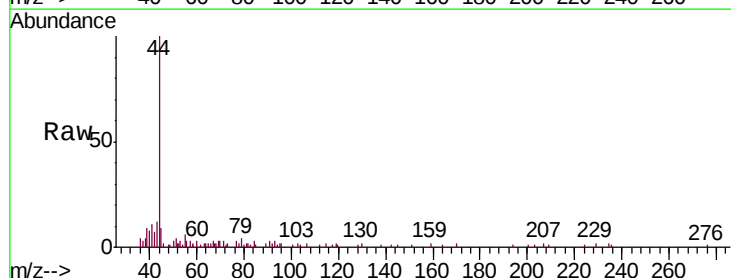
Tgt Ion: 101 Resp: 30

Ion Ratio Lower Upper

101 100

85 330.0 40.0 60.0#

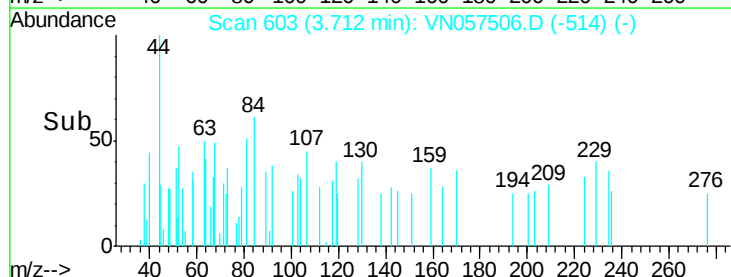
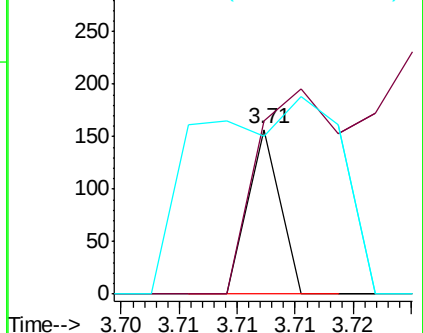
151 530.0 57.0 85.6#

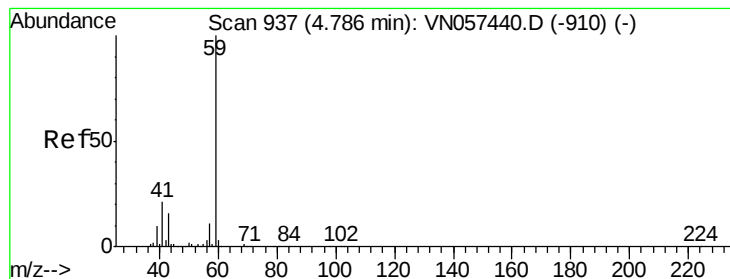


Abundance Ion 100.90 (100.60 to 101.60): VN057506.D (-514) (-)

Ion 84.90 (84.60 to 85.60): VN057506.D (-514) (-)

Ion 150.80 (150.50 to 151.50): VN057506.D (-514) (-)





#11

Tert butyl alcohol

Concen: 0.354 ug/l

RT: 4.75 min Scan# 927

Delta R.T. -0.03 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampled :

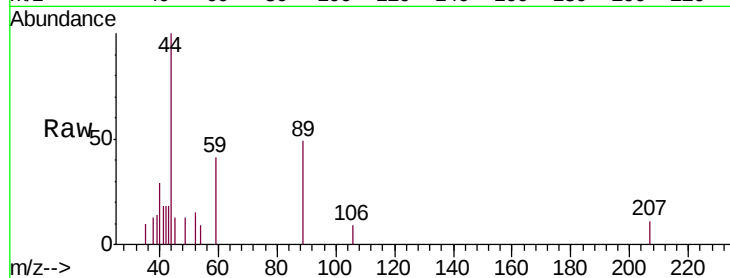
T1-2-A-(2.5)

Tgt Ion: 59 Resp: 338

Ion Ratio Lower Upper

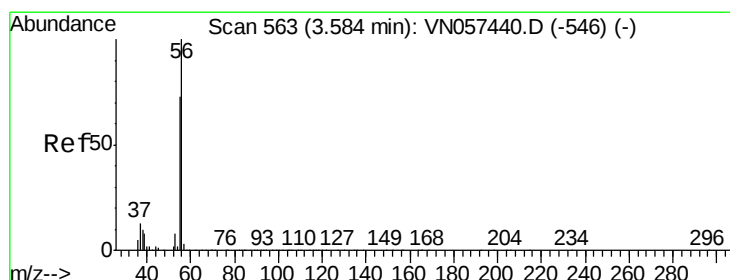
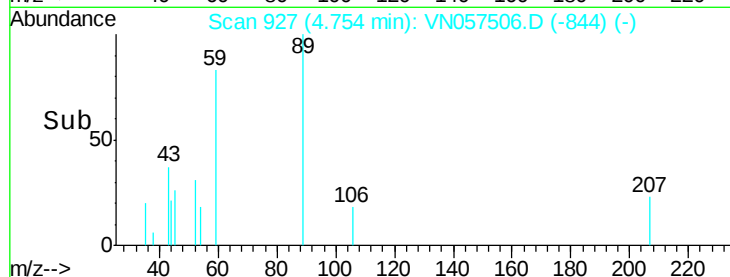
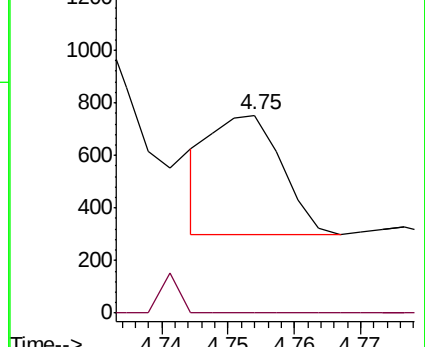
59 100

57 8.6 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 0.539 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN057506.D

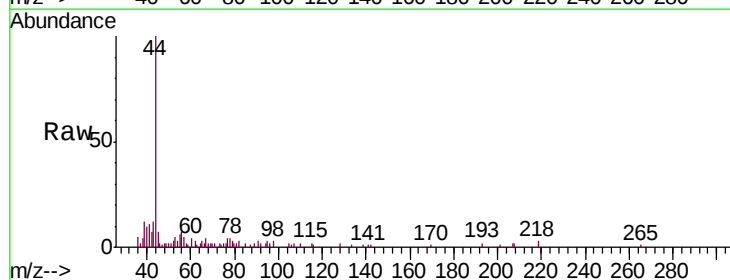
Acq: 26 Aug 2019 12:53

Tgt Ion: 56 Resp: 452

Ion Ratio Lower Upper

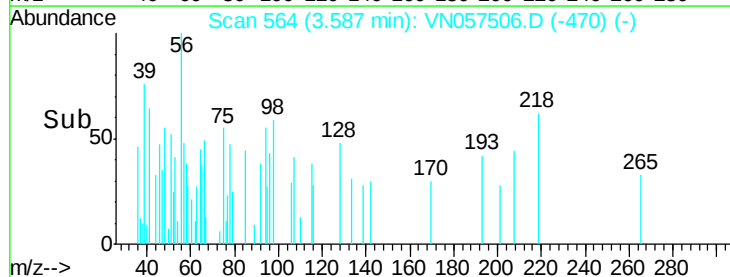
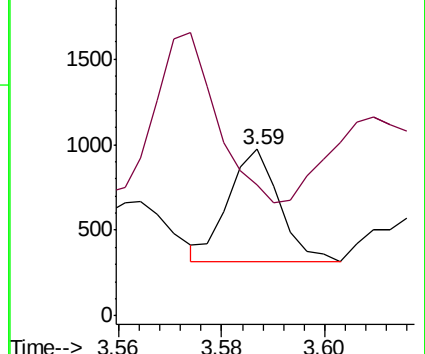
56 100

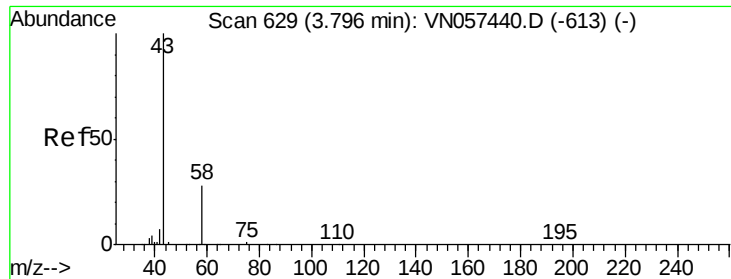
55 0.0 59.0 88.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 9.171 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampled :

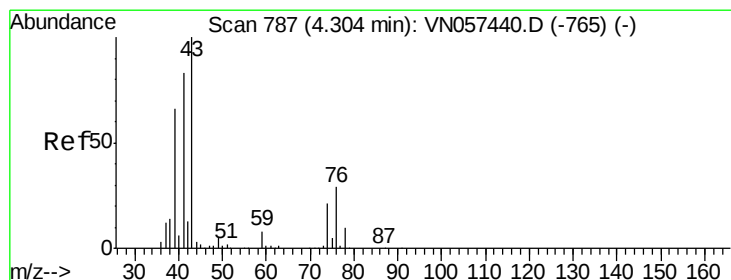
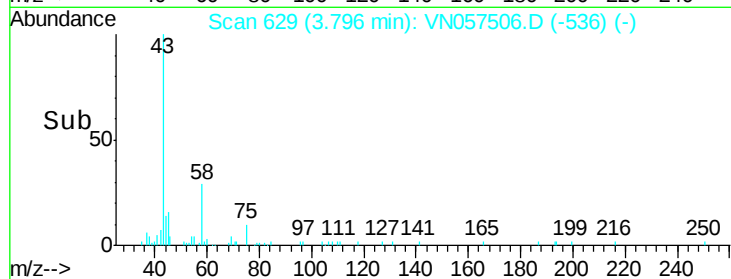
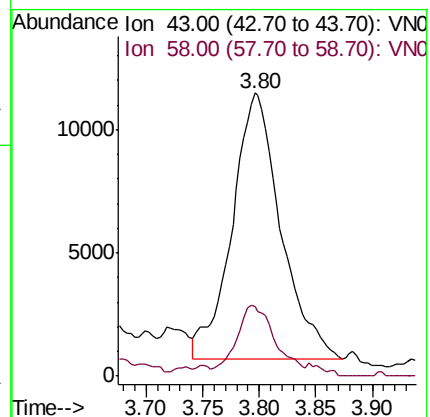
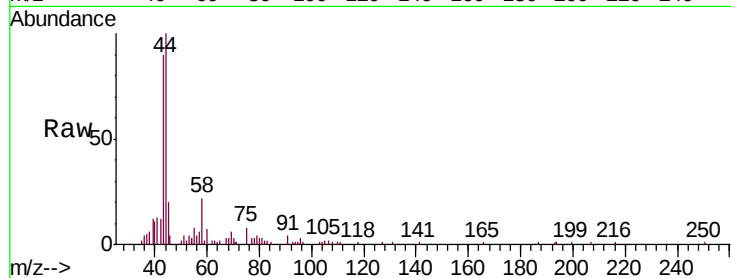
T1-2-A-(2.5)

Tgt Ion: 43 Resp: 32323

Ion Ratio Lower Upper

43 100

58 26.1 22.1 33.1



#18

Methyl Acetate

Concen: Below Cal

RT: 4.30 min Scan# 786

Delta R.T. -0.00 min

Lab File: VN057506.D

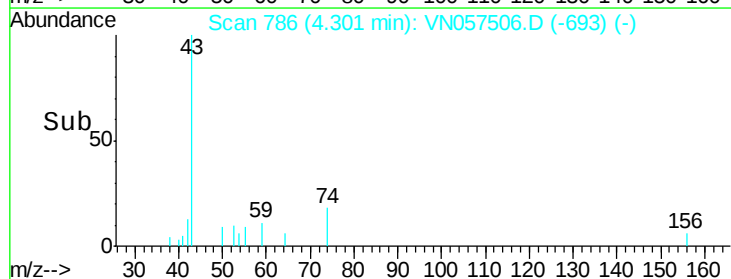
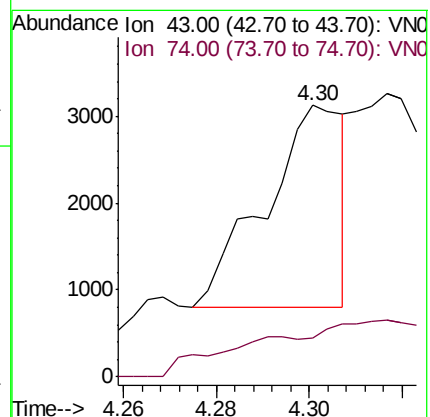
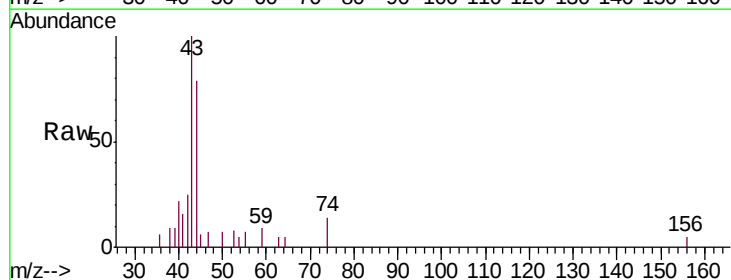
Acq: 26 Aug 2019 12:53

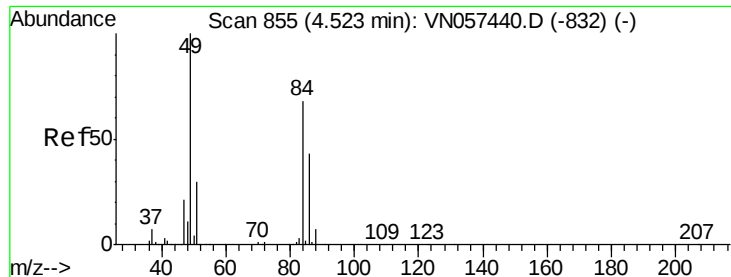
Tgt Ion: 43 Resp: 2745

Ion Ratio Lower Upper

43 100

74 72.4 15.9 23.9#





#20

Methylene Chloride

Concen: 3.368 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampled :

T1-2-A-(2.5)

Tgt Ion: 84 Resp: 17963

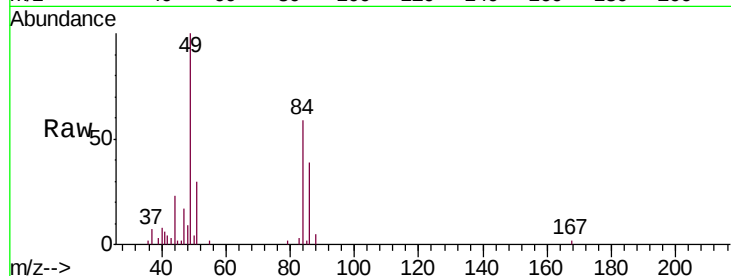
Ion Ratio Lower Upper

84 100

49 170.4 117.0 175.4

51 51.5 35.5 53.3

86 66.7 49.8 74.8



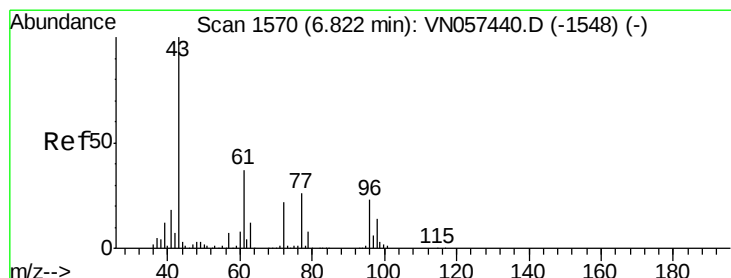
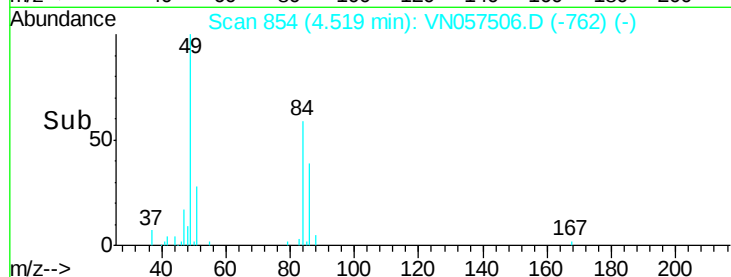
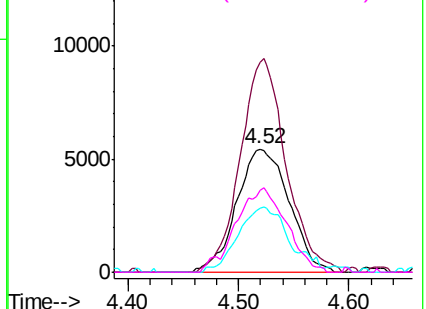
Abundance

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



#25

2-Butanone

Concen: 0.404 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN057506.D

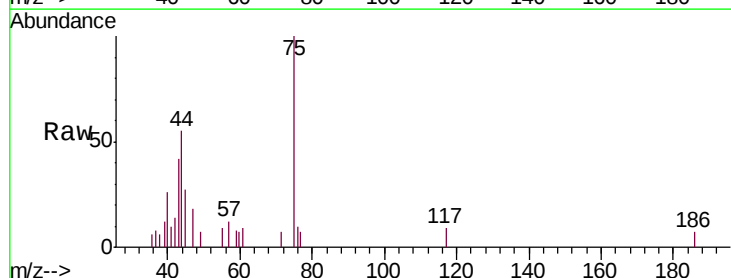
Acq: 26 Aug 2019 12:53

Tgt Ion: 43 Resp: 1546

Ion Ratio Lower Upper

43 100

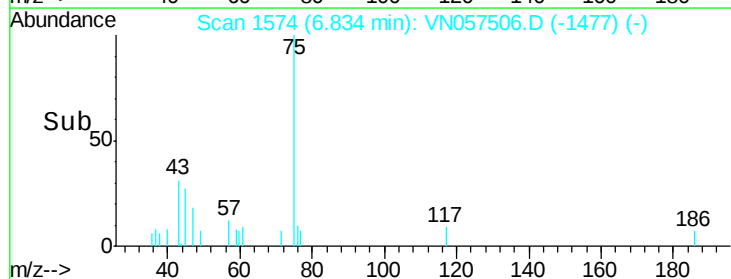
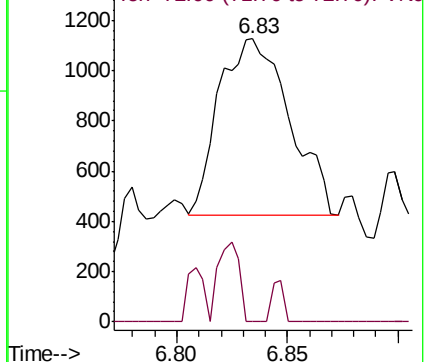
72 0.0 17.8 26.8#

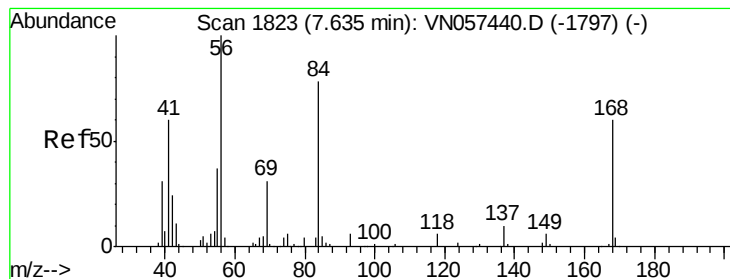


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#31

Cyclohexane

Concen: 1.326 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN057506.D

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ClientSampleId :

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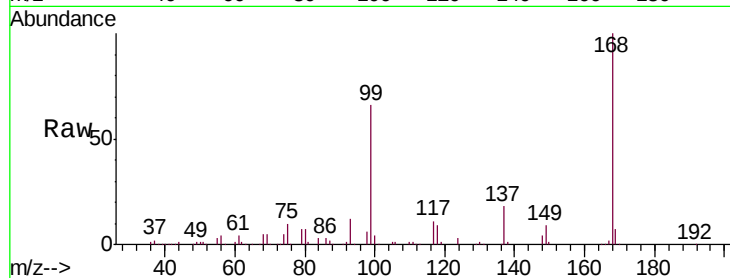
Tgt Ion: 56 Resp: 14298

Ion Ratio Lower Upper

56 100

69 144.0 25.0 37.6#

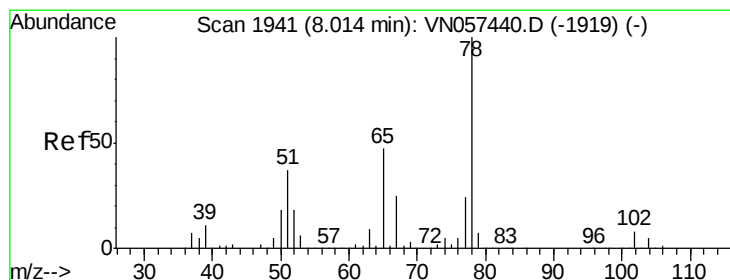
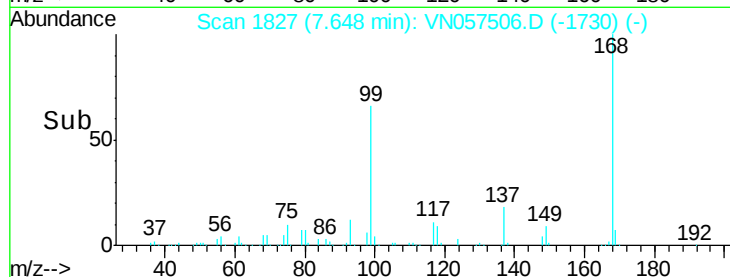
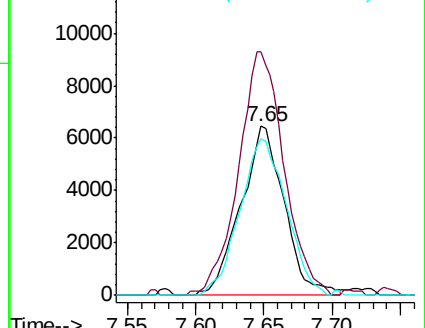
84 93.0 62.5 93.7



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: 46.925 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057506.D

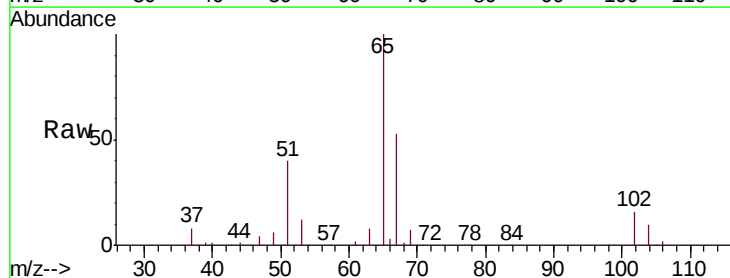
Acq: 26 Aug 2019 12:53

Tgt Ion: 65 Resp: 360121

Ion Ratio Lower Upper

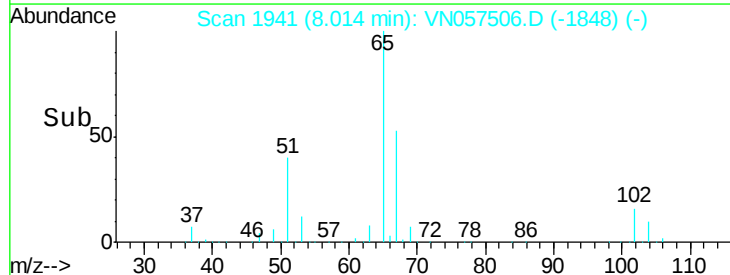
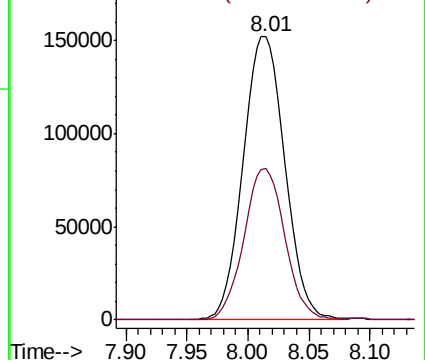
65 100

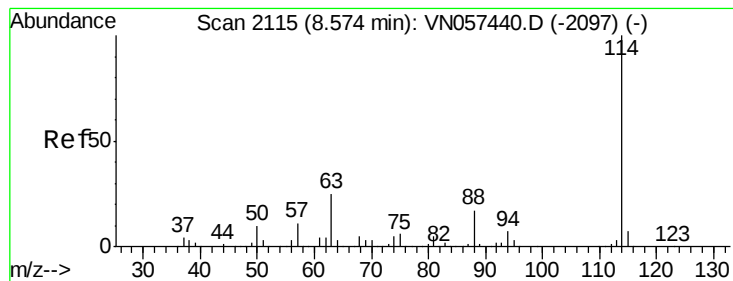
67 52.6 0.0 103.8



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: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

T1-2-A-(2.5)

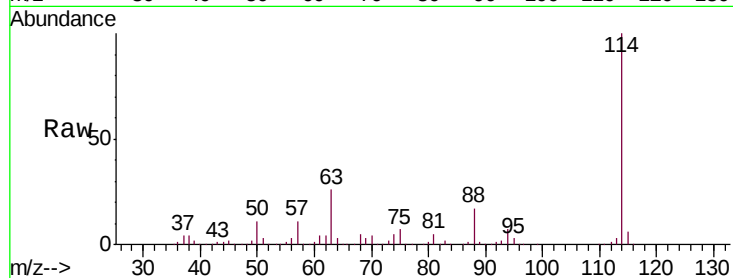
Tgt Ion:114 Resp: 752062

Ion Ratio Lower Upper

114 100

63 25.6 0.0 50.2

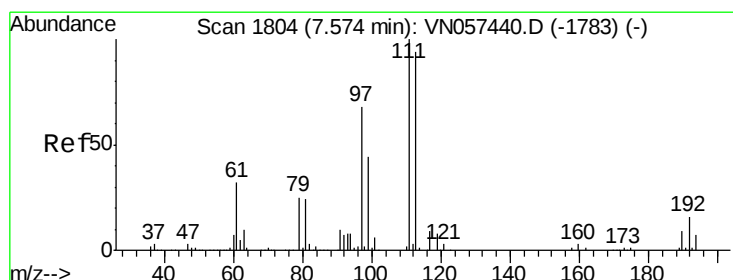
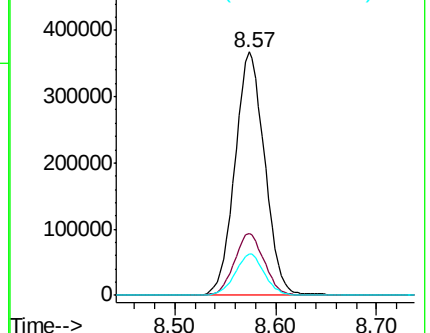
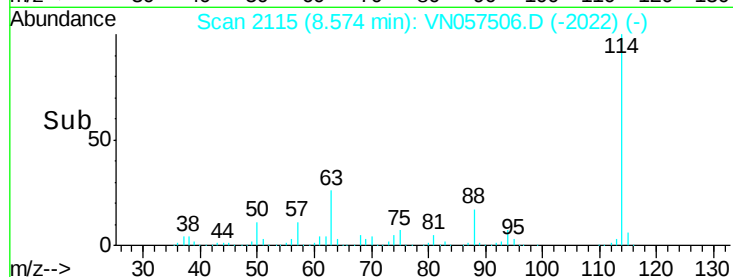
88 16.9 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.286 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

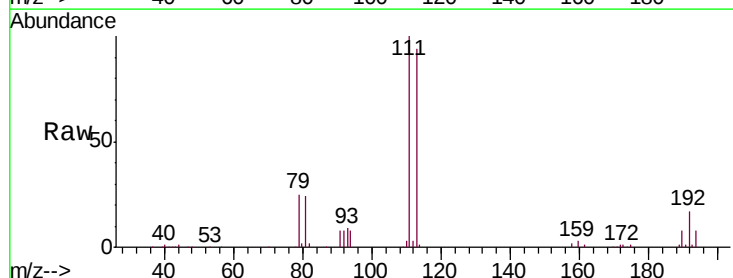
Tgt Ion:113 Resp: 240207

Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

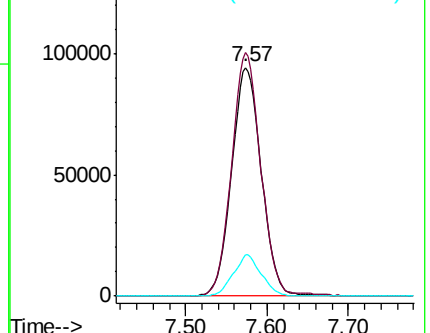
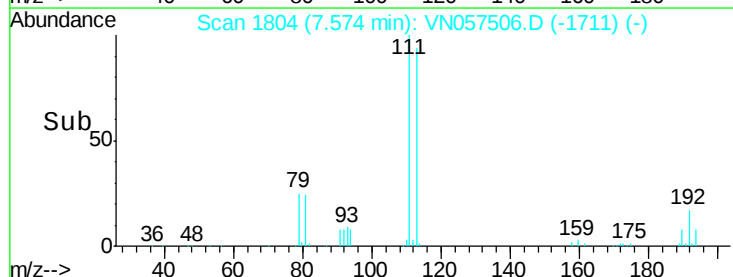
192 16.9 13.5 20.3

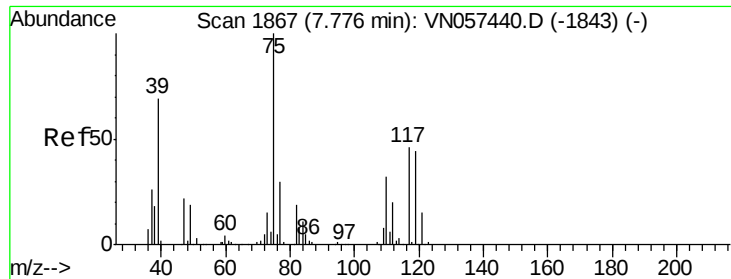


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

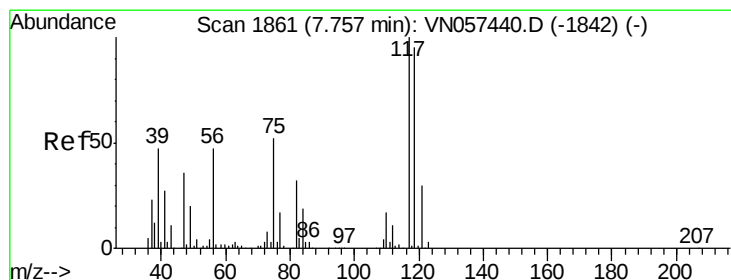
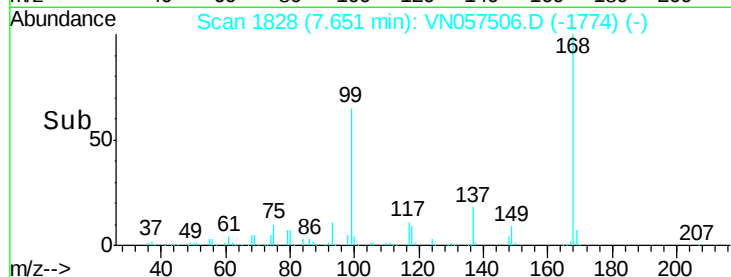
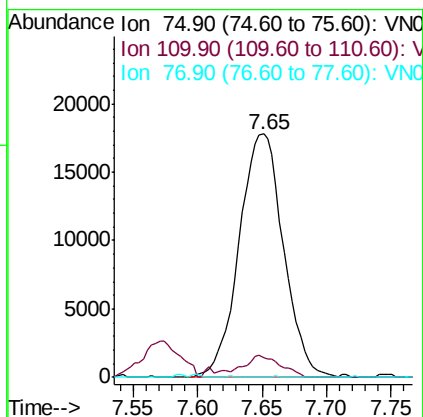
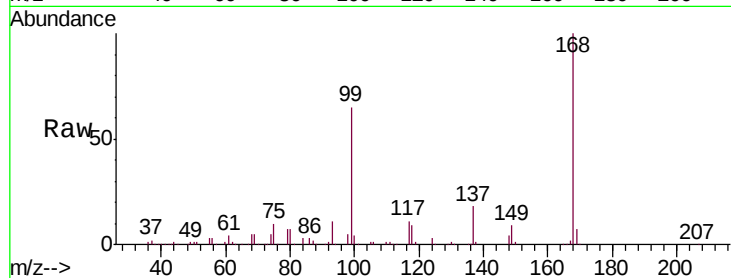




#36
 1,1-Dichloropropene
 Concen: 5.530 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057506.D
 Acq: 26 Aug 2019 12:53

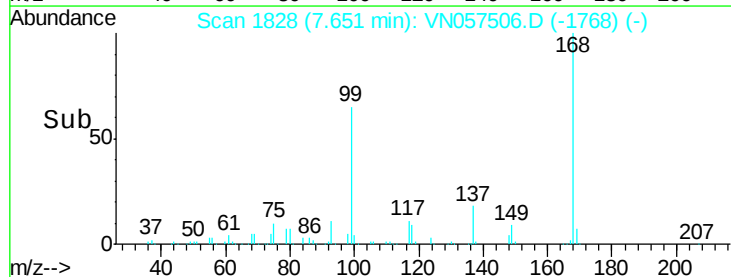
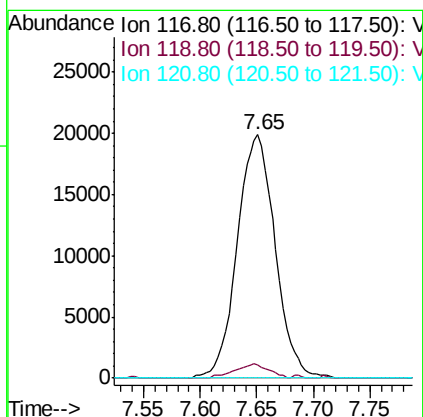
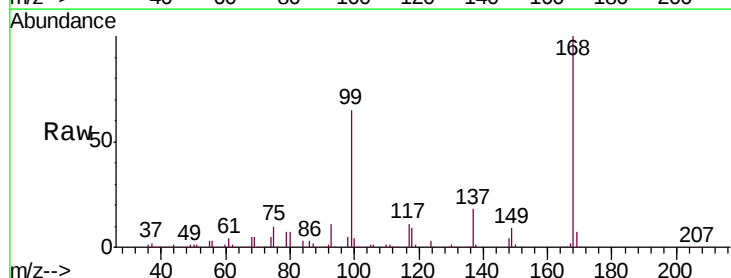
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-A-(2.5)

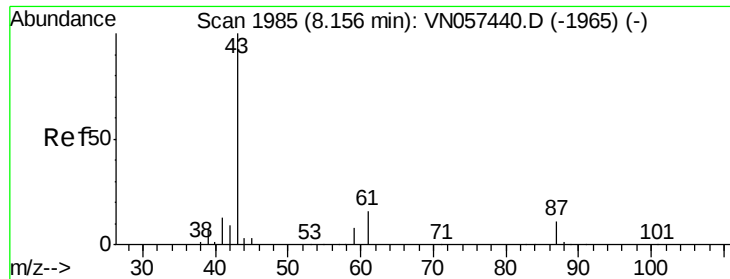
Tgt Ion: 75 Resp: 42497
 Ion Ratio Lower Upper
 75 100
 110 8.0 16.1 48.3#
 77 0.1 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.075 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN057506.D
 Acq: 26 Aug 2019 12:53

Tgt Ion: 117 Resp: 46380
 Ion Ratio Lower Upper
 117 100
 119 5.2 76.2 114.4#
 121 0.0 23.8 35.6#

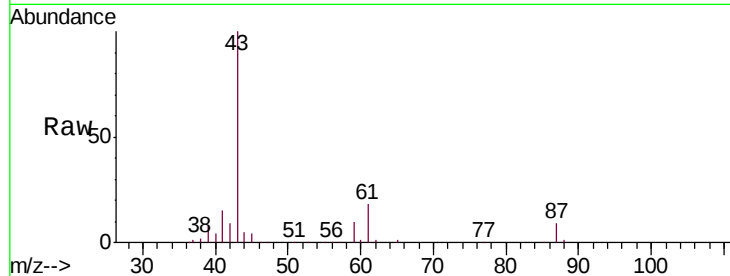




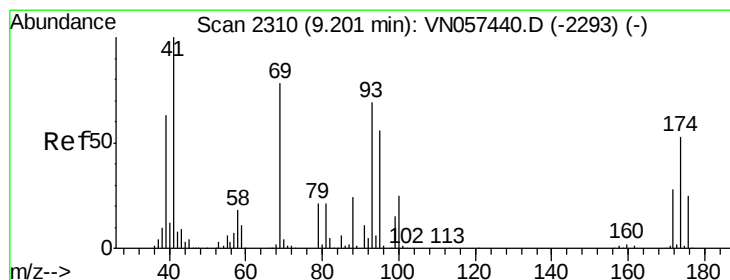
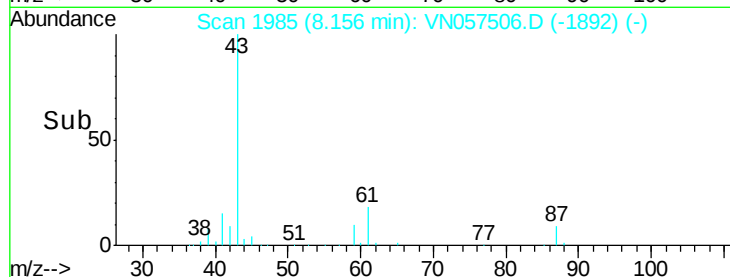
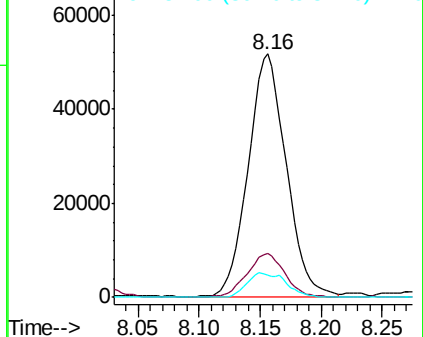
#43
Isopropyl Acetate
Concen: 8.054 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN057506.D
Acq: 26 Aug 2019 12:53

Instrument :
MSVOA_N
ClientSampleId :
T1-2-A-(2.5)

Tgt Ion: 43 Resp: 112136
Ion Ratio Lower Upper
43 100
61 17.8 14.5 21.7
87 10.3 8.6 12.8

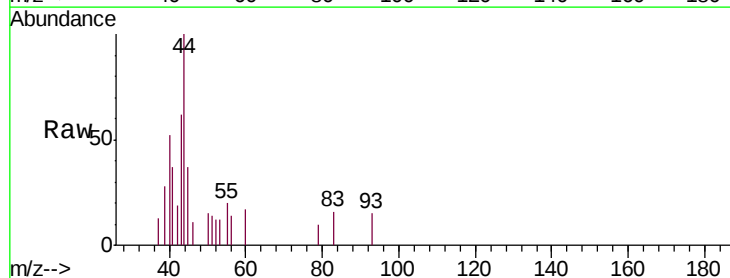


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

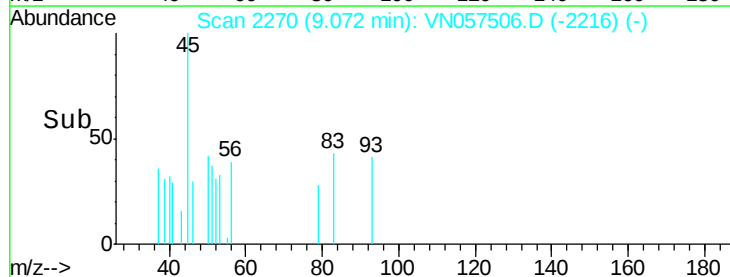
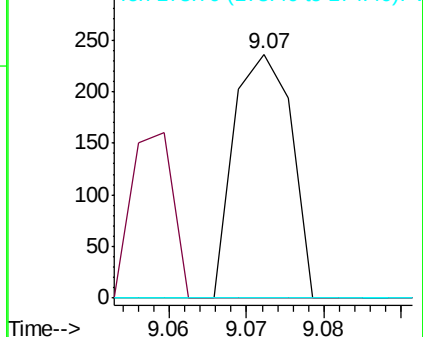


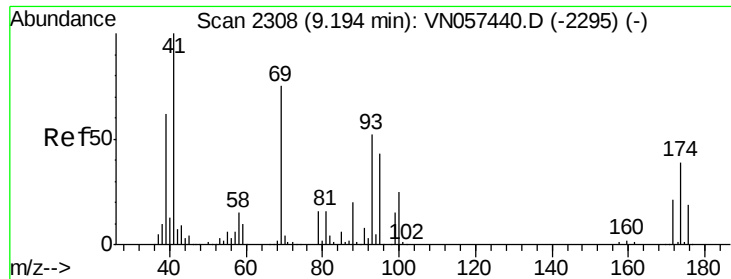
#46
Dibromomethane
Concen: Below Cal
RT: 9.07 min Scan# 2270
Delta R.T. -0.13 min
Lab File: VN057506.D
Acq: 26 Aug 2019 12:53

Tgt Ion: 93 Resp: 122
Ion Ratio Lower Upper
93 100
95 49.2 64.7 97.1#
174 0.0 62.3 93.5#



Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V

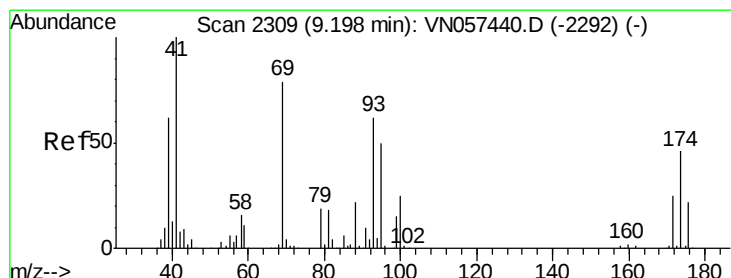
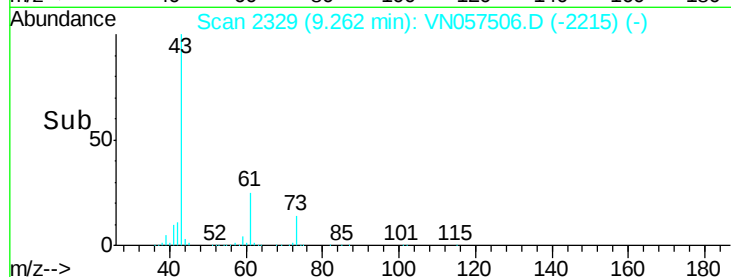
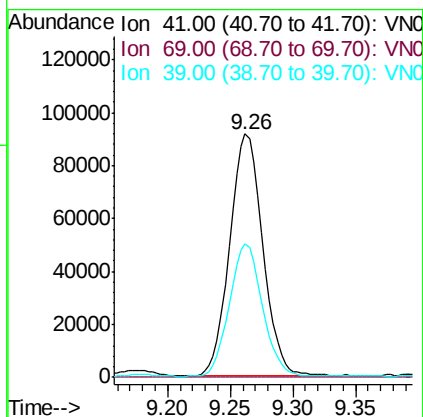
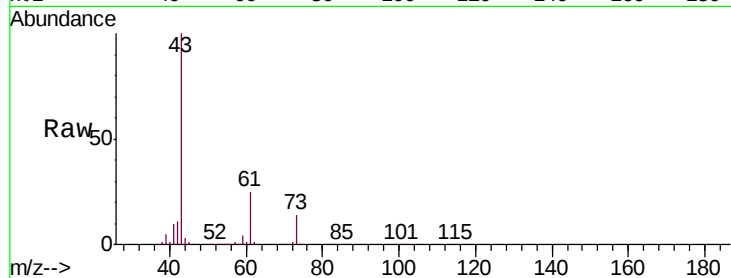




#48
Methyl methacrylate
Concen: 25.405 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.07 min
Lab File: VN057506.D
Acq: 26 Aug 2019 12:53

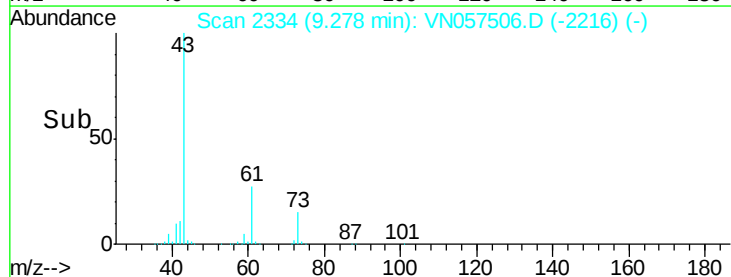
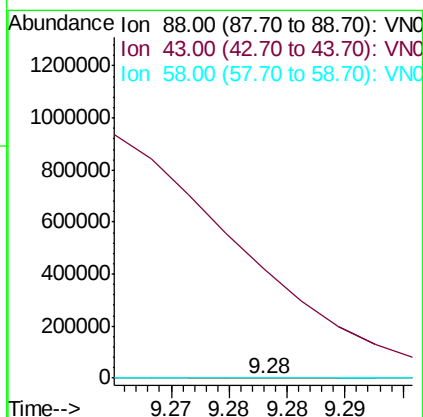
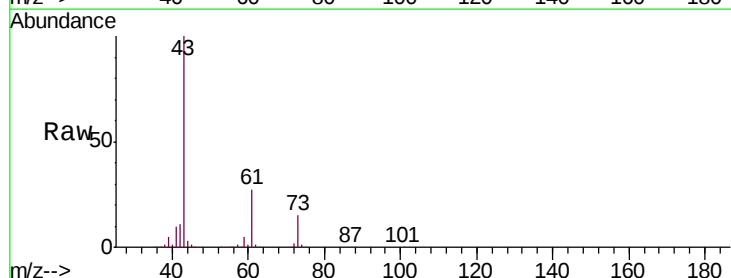
Instrument :
MSVOA_N
ClientSampleId :
T1-2-A-(2.5)

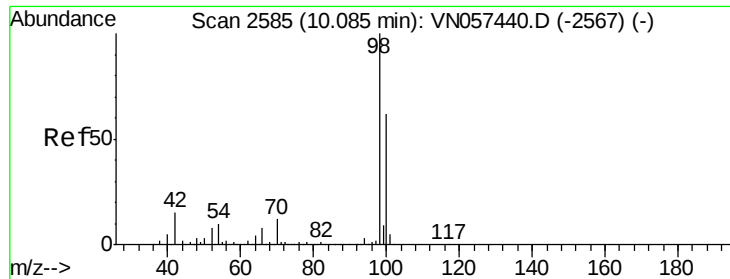
Tgt Ion: 41 Resp: 168200
Ion Ratio Lower Upper
41 100
69 0.2 59.3 88.9#
39 54.6 50.6 75.8



#49
1,4-Dioxane
Concen: 0.420 ug/l
RT: 9.28 min Scan# 2334
Delta R.T. 0.08 min
Lab File: VN057506.D
Acq: 26 Aug 2019 12:53

Tgt Ion: 88 Resp: 36
Ion Ratio Lower Upper
88 100
43 4874113.9 31.0 46.6#
58 19558.3 64.5 96.7#





#50

Toluene-d8

Concen: 51.642 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampled :

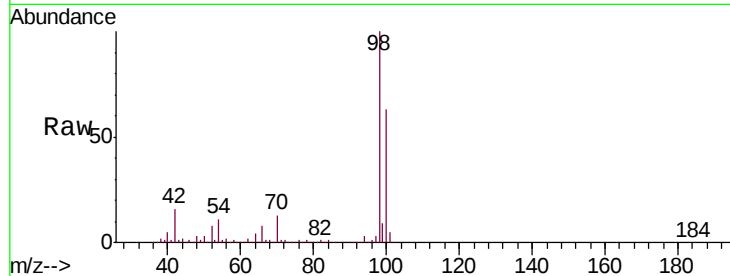
T1-2-A-(2.5)

Tgt Ion: 98 Resp: 991940

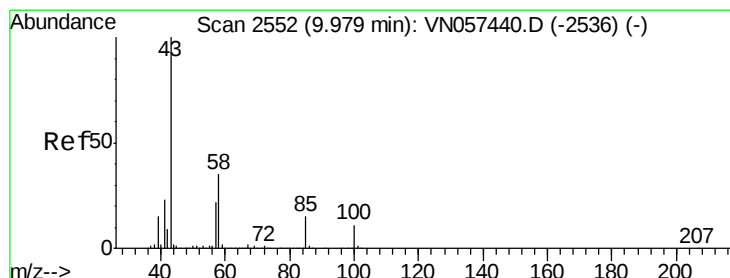
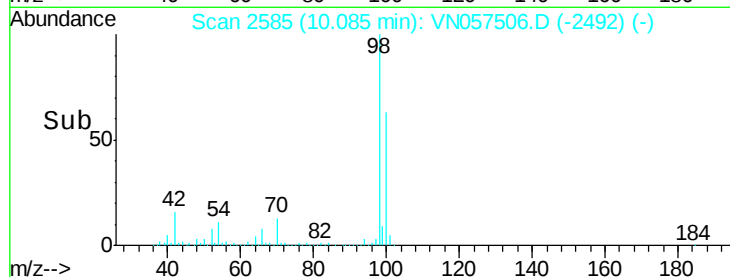
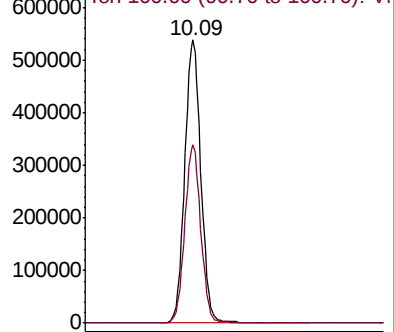
Ion Ratio Lower Upper

98 100

100 62.4 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057440.D (-2567) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.037 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN057506.D

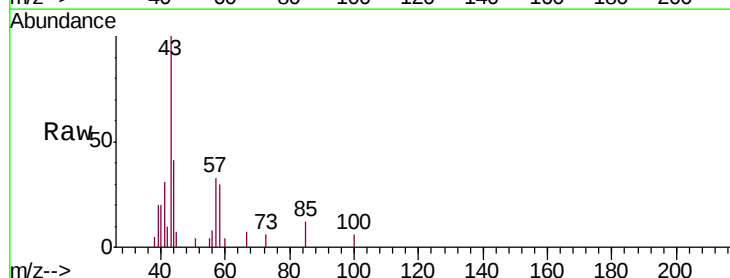
Acq: 26 Aug 2019 12:53

Tgt Ion: 43 Resp: 8043

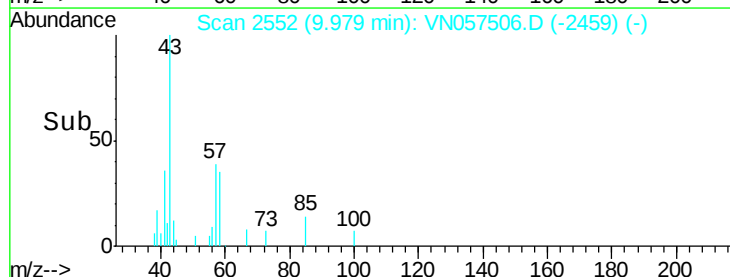
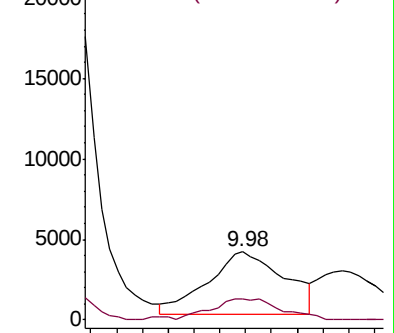
Ion Ratio Lower Upper

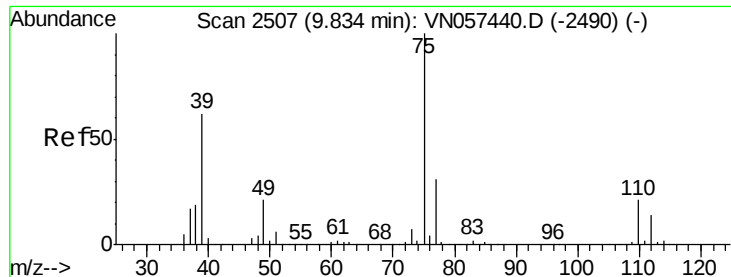
43 100

58 30.3 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-2536) (-)





#54

cis-1,3-Dichloropropene

Concen: 4.349 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampled :

T1-2-A-(2.5)

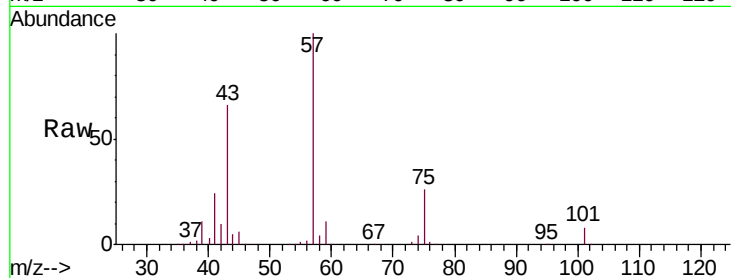
Tgt Ion: 75 Resp: 43466

Ion Ratio Lower Upper

75 100

77 0.8 25.0 37.6#

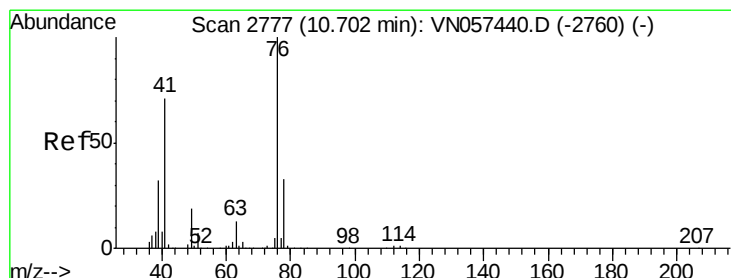
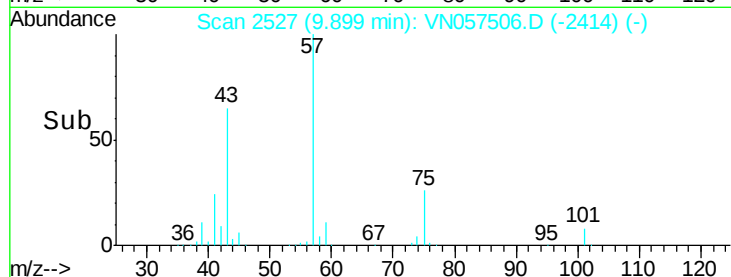
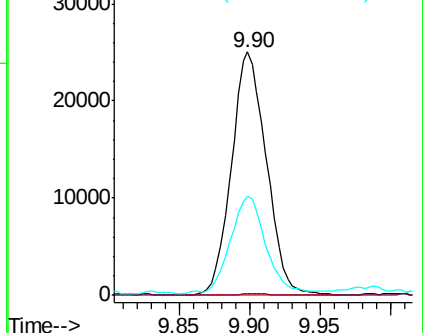
39 39.5 49.2 73.8#



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: 0.697 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057506.D

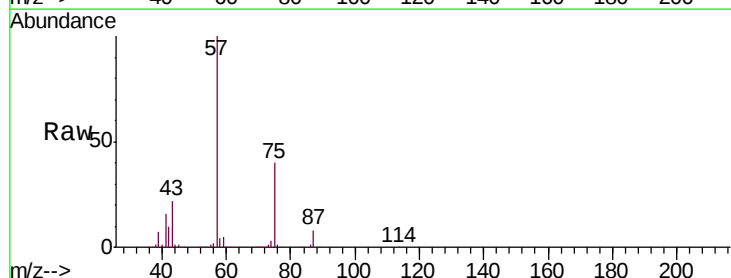
Acq: 26 Aug 2019 12:53

Tgt Ion: 76 Resp: 6522

Ion Ratio Lower Upper

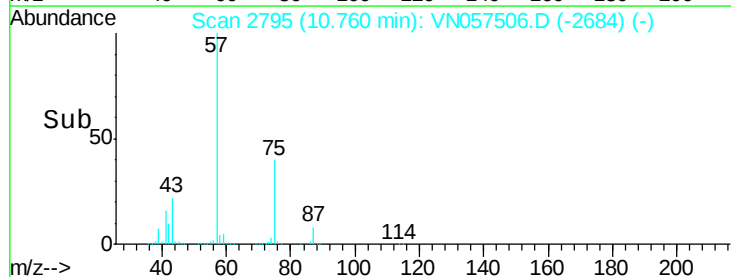
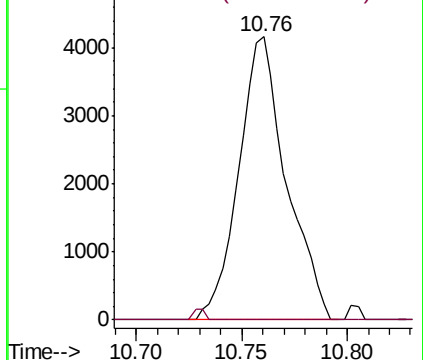
76 100

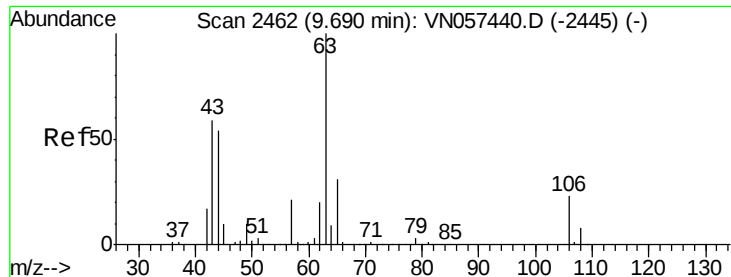
78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

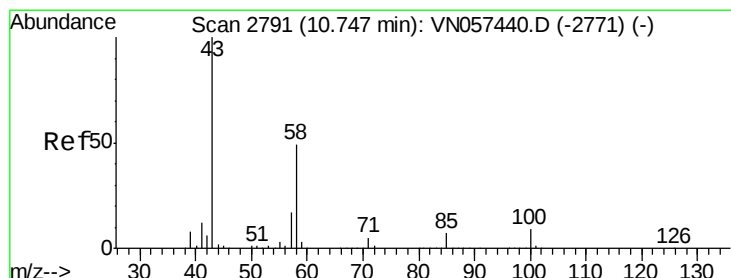
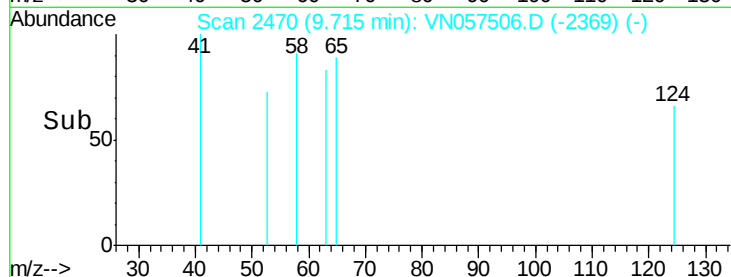
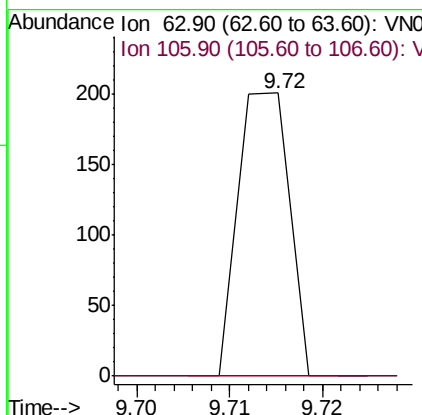
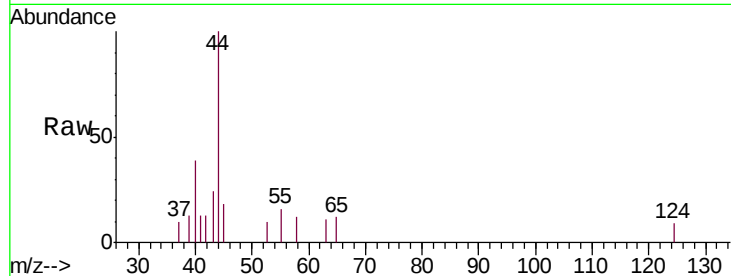




#58
2-Chloroethyl Vinyl ether
Concen: 17.095 ug/l
RT: 9.72 min Scan# 2470
Delta R.T. 0.03 min
Lab File: VN057506.D
Acq: 26 Aug 2019 12:53

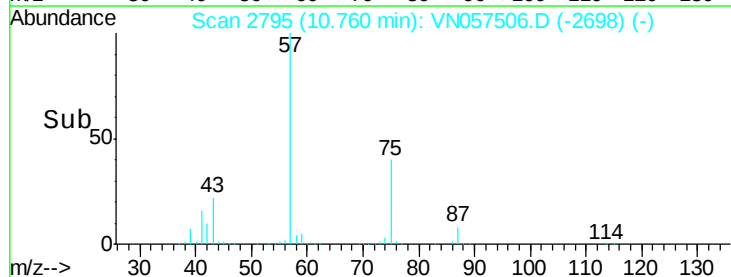
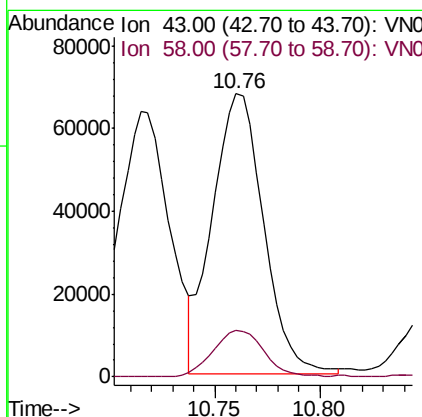
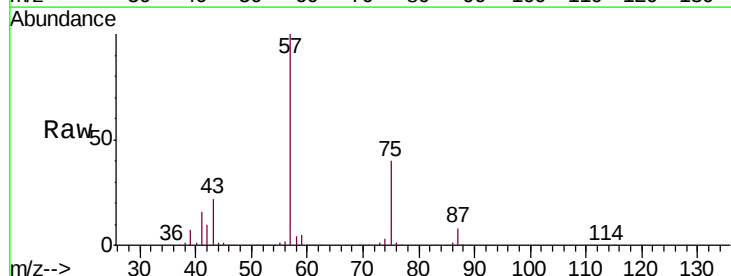
Instrument :
MSVOA_N
ClientSampled :
T1-2-A-(2.5)

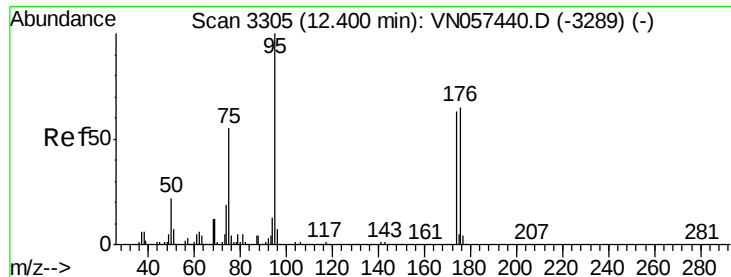
Tgt Ion: 63 Resp: 77
Ion Ratio Lower Upper
63 100
106 0.0 18.6 27.8#



#59
2-Hexanone
Concen: 21.455 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057506.D
Acq: 26 Aug 2019 12:53

Tgt Ion: 43 Resp: 114187
Ion Ratio Lower Upper
43 100
58 16.2 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 40.384 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

T1-2-A-(2.5)

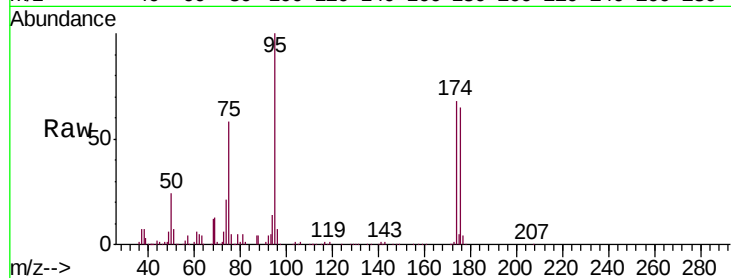
Tgt Ion: 95 Resp: 262872

Ion Ratio Lower Upper

95 100

174 67.2 0.0 133.0

176 65.7 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

12.40

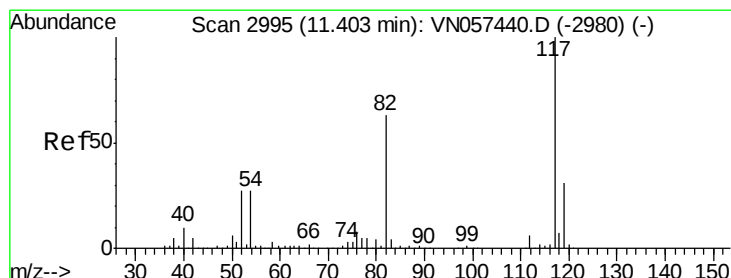
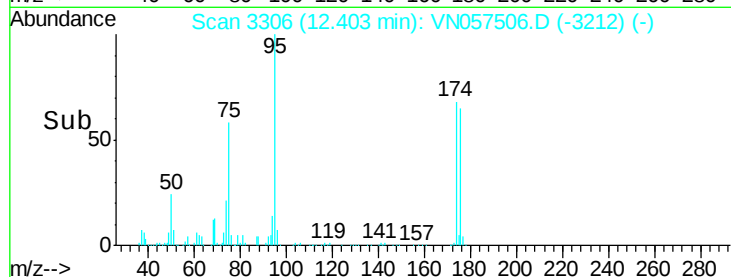
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

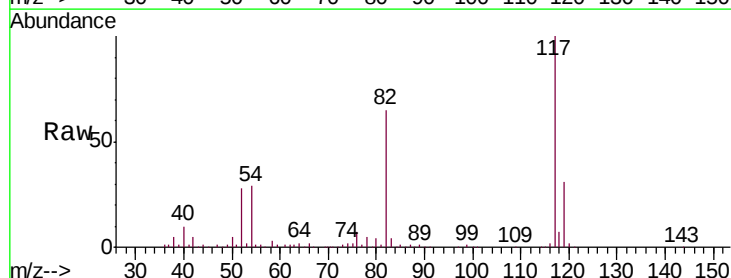
Tgt Ion: 117 Resp: 645929

Ion Ratio Lower Upper

117 100

82 64.6 50.6 75.8

119 31.2 24.6 36.8



Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

11.40

500000

400000

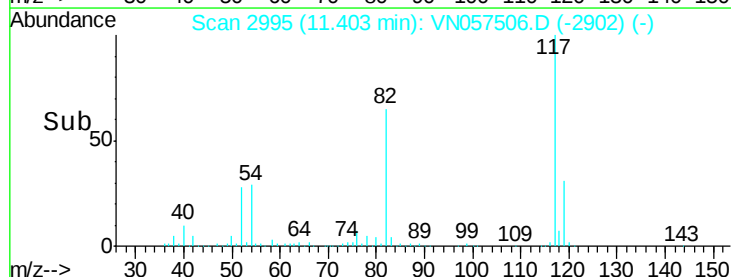
300000

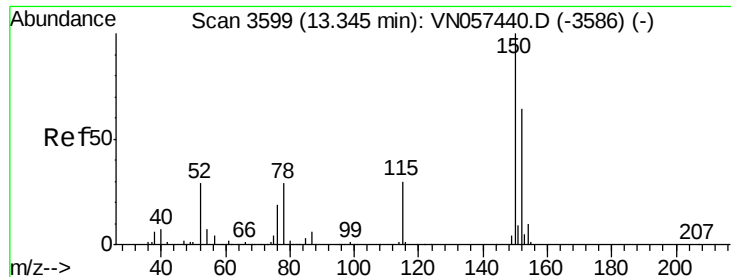
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

T1-2-A-(2.5)

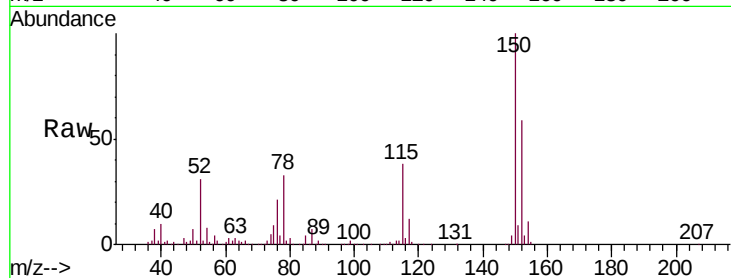
Tgt Ion:152 Resp: 148019

Ion Ratio Lower Upper

152 100

115 63.9 32.0 96.0

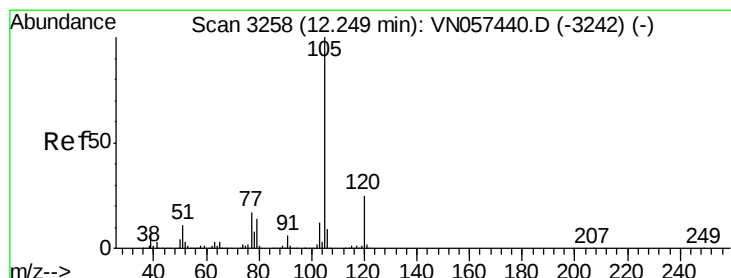
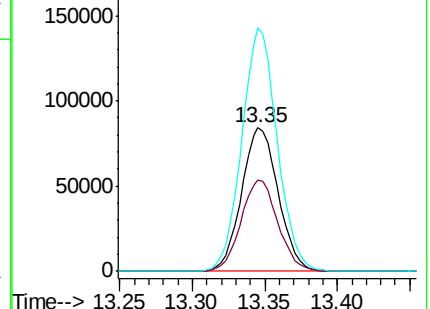
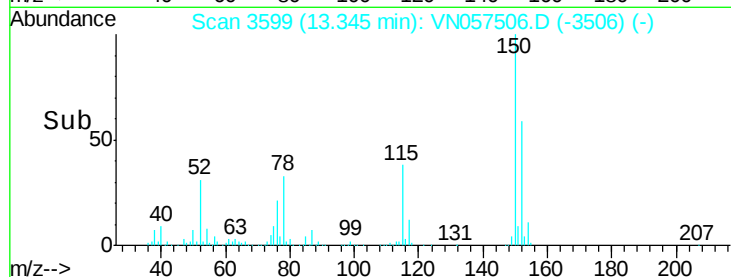
150 163.6 0.0 346.6



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: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN057506.D

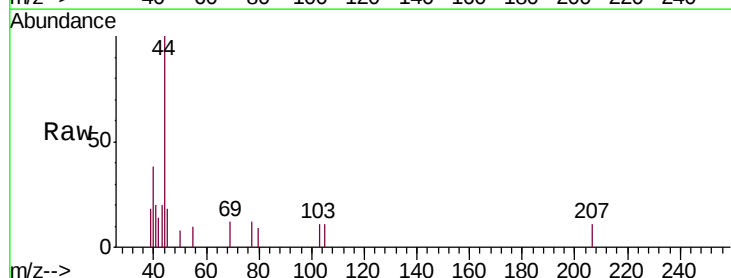
Acq: 26 Aug 2019 12:53

Tgt Ion:105 Resp: 175

Ion Ratio Lower Upper

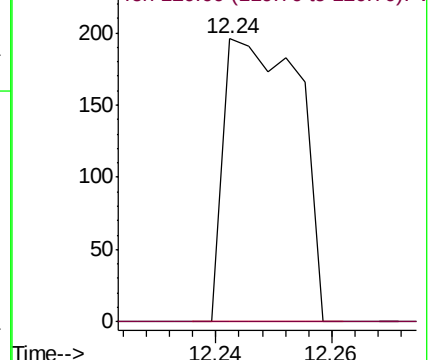
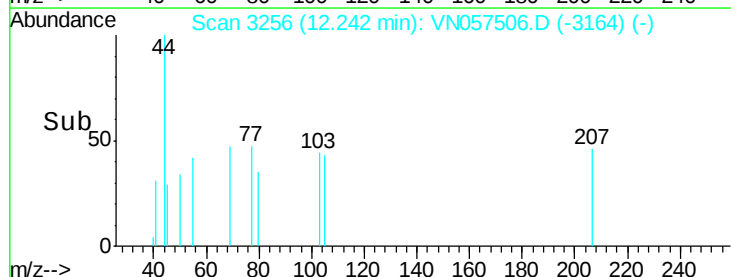
105 100

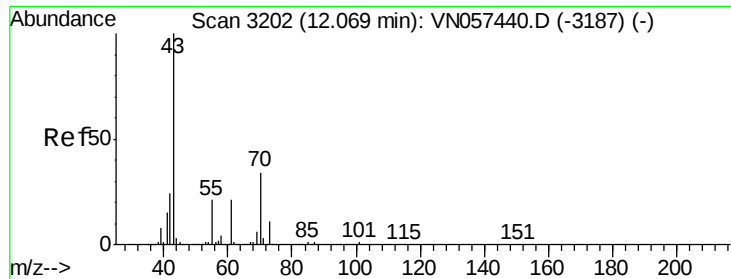
120 0.0 12.7 38.0#



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: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampled :

T1-2-A-(2.5)

Tgt Ion: 43 Resp: 4237

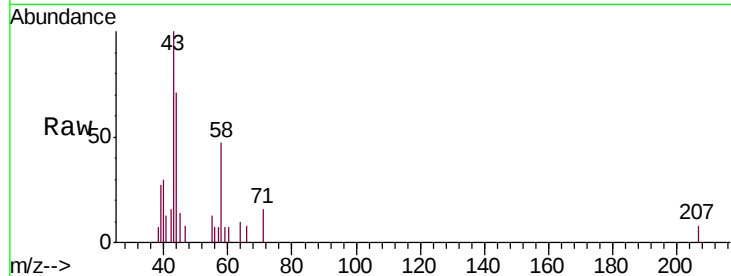
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 13.7 17.0 25.4#

61 0.0 17.0 25.6#

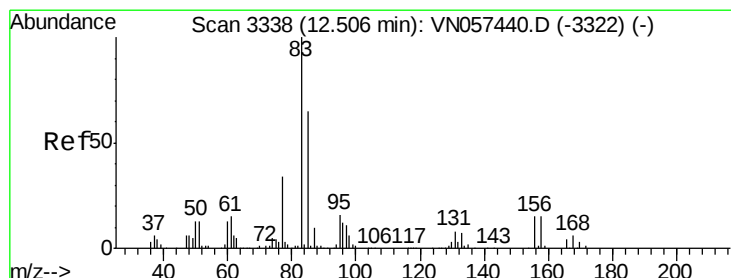
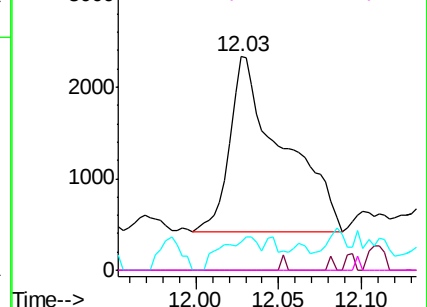
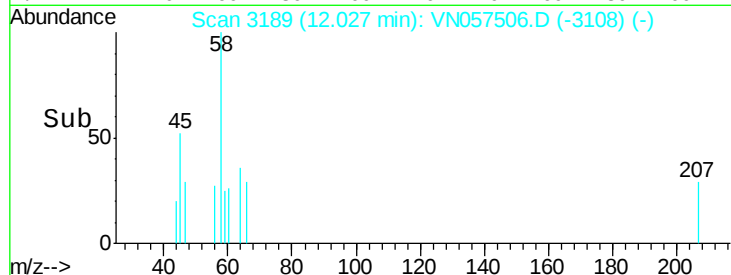


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.45 min Scan# 3322

Delta R.T. -0.05 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

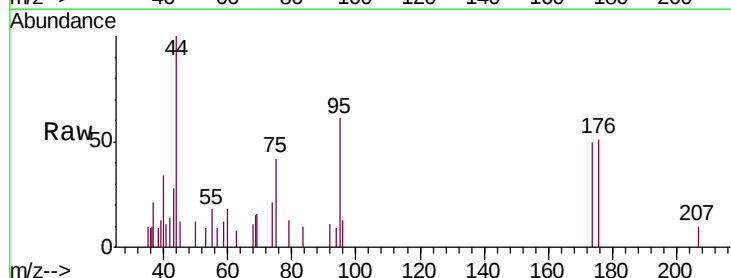
Tgt Ion: 83 Resp: 68

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

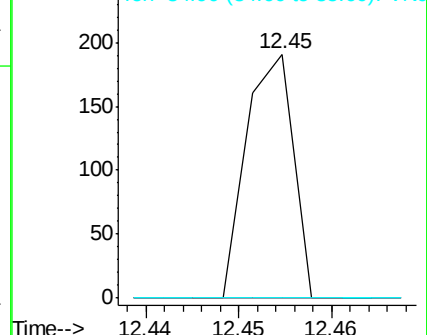
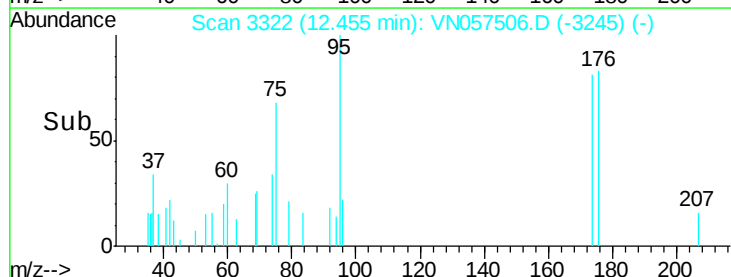
85 0.0 32.3 96.8#

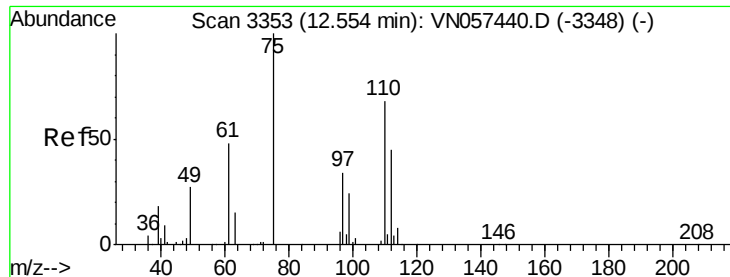


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 46.375 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampled :

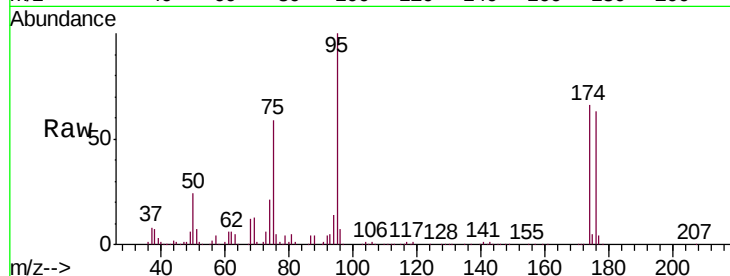
T1-2-A-(2.5)

Tgt Ion: 75 Resp: 152826

Ion Ratio Lower Upper

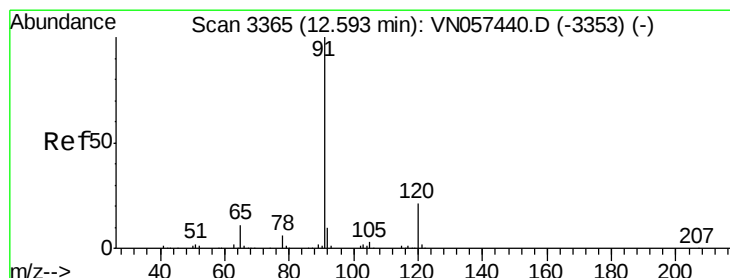
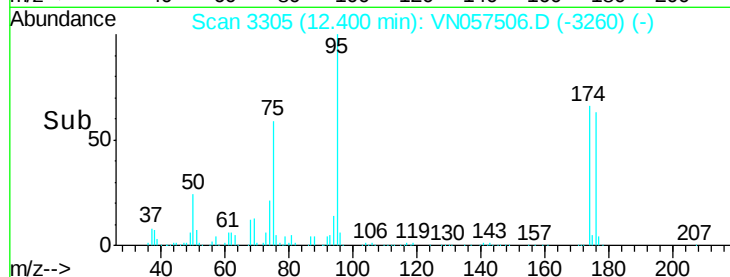
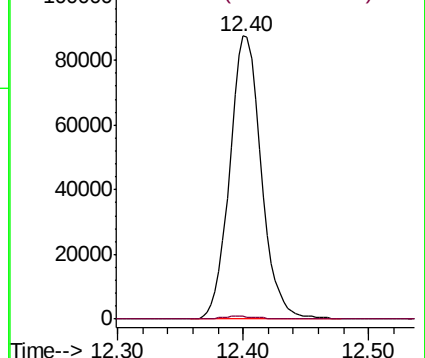
75 100

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: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN057506.D

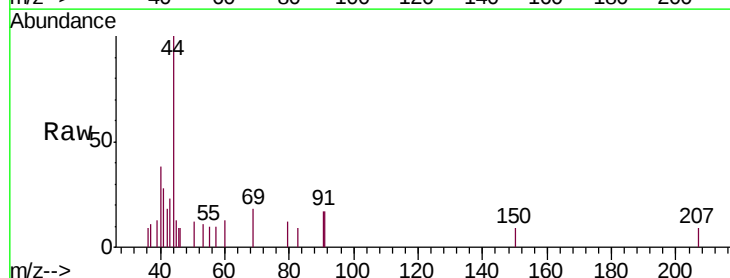
Acq: 26 Aug 2019 12:53

Tgt Ion: 91 Resp: 699

Ion Ratio Lower Upper

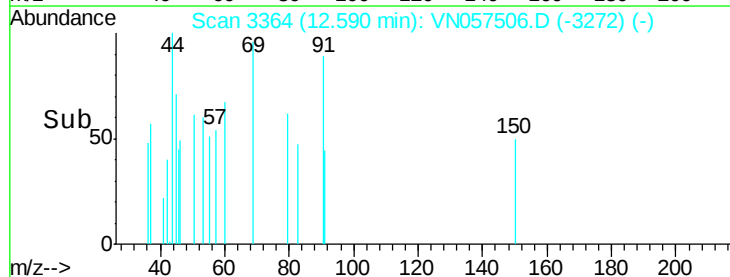
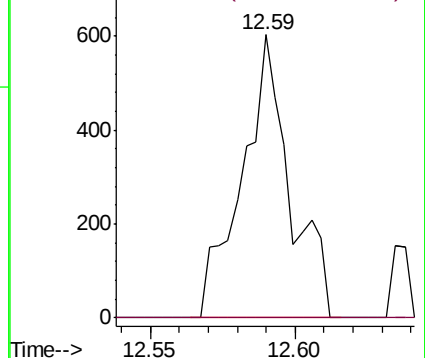
91 100

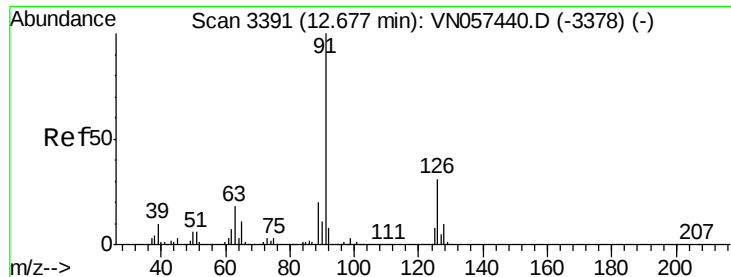
120 0.0 10.7 32.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

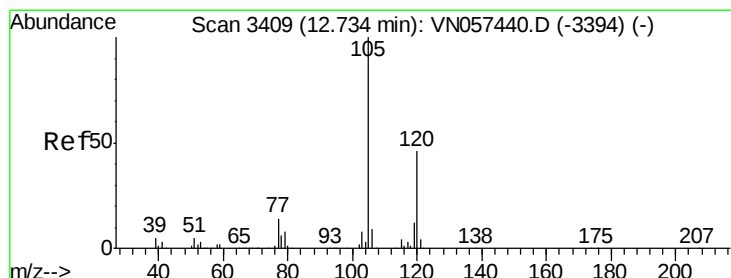
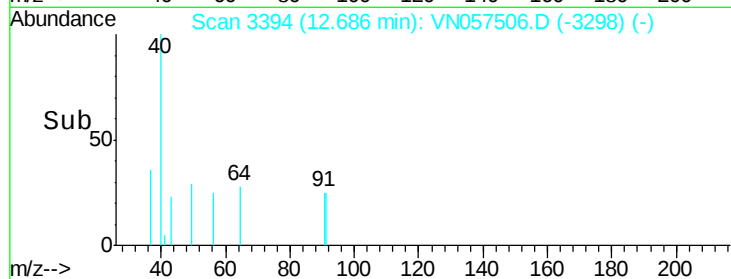
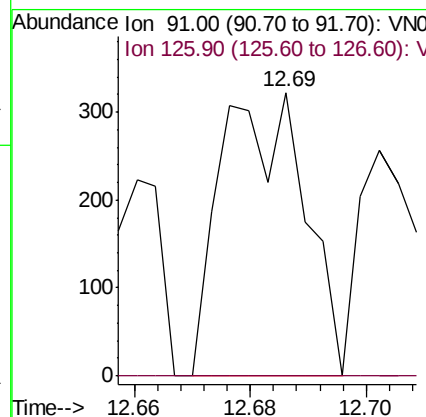
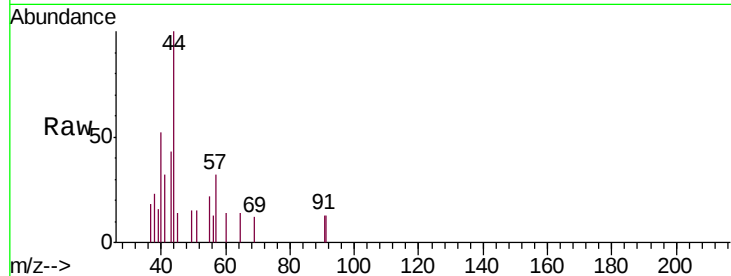




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.69 min Scan# 3394
 Delta R.T. 0.01 min
 Lab File: VN057506.D
 Acq: 26 Aug 2019 12:53

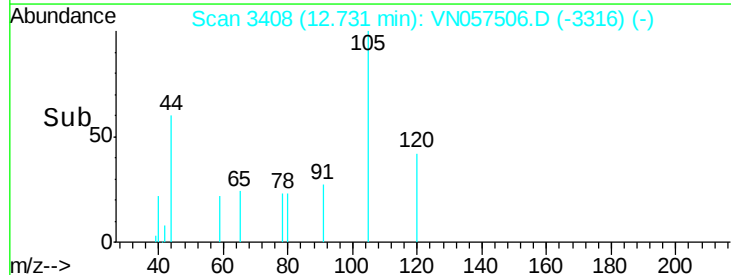
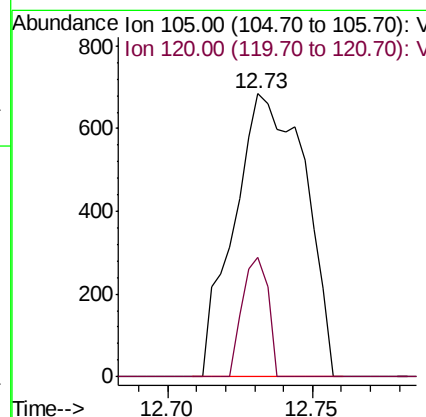
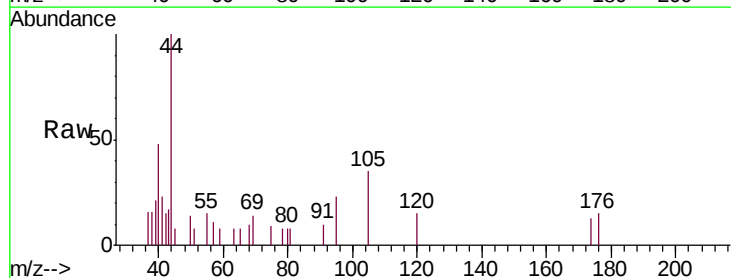
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-A-(2.5)

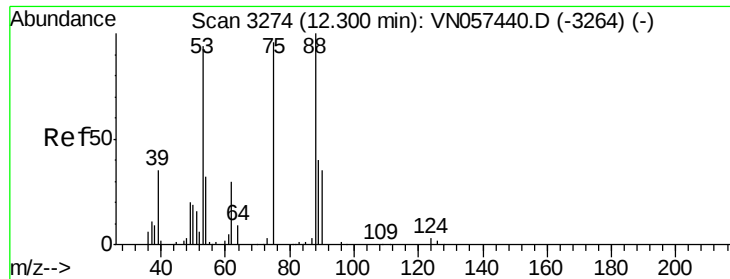
Tgt Ion: 91 Resp: 321
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.3 45.8#



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN057506.D
 Acq: 26 Aug 2019 12:53

Tgt Ion: 105 Resp: 1161
 Ion Ratio Lower Upper
 105 100
 120 15.2 23.3 69.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 118.675 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampled :

T1-2-A-(2.5)

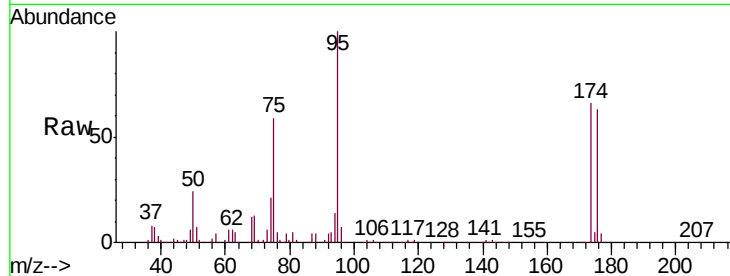
Tgt Ion: 75 Resp: 152826

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

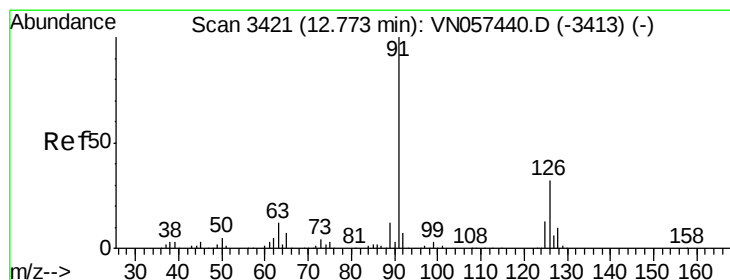
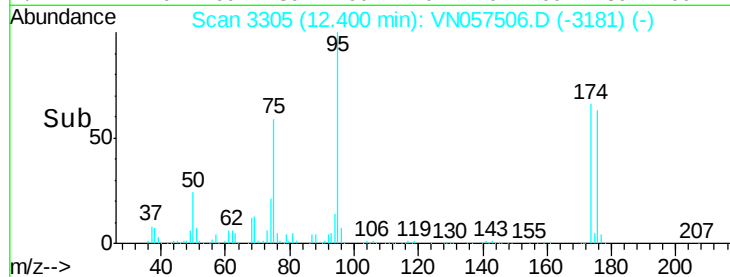
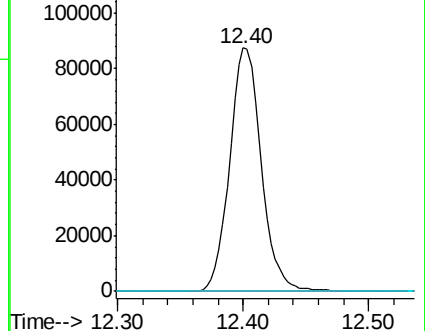
89 0.0 35.8 53.8#



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: VN057506.D

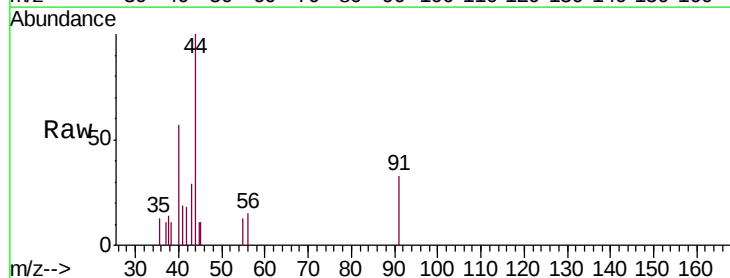
Acq: 26 Aug 2019 12:53

Tgt Ion: 91 Resp: 471

Ion Ratio Lower Upper

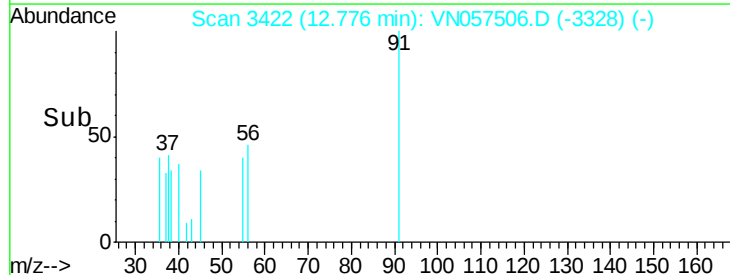
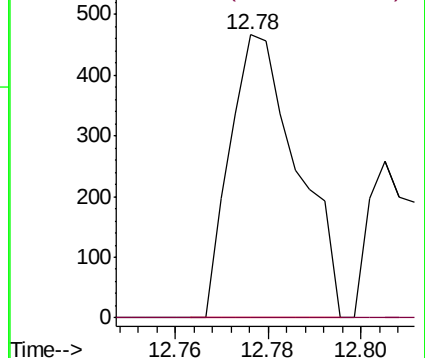
91 100

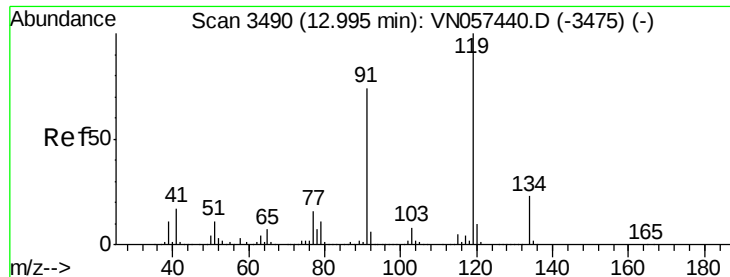
126 0.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

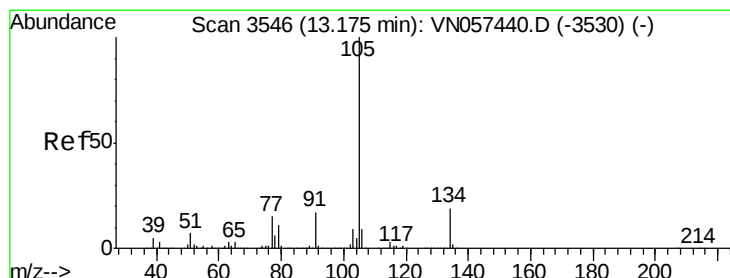
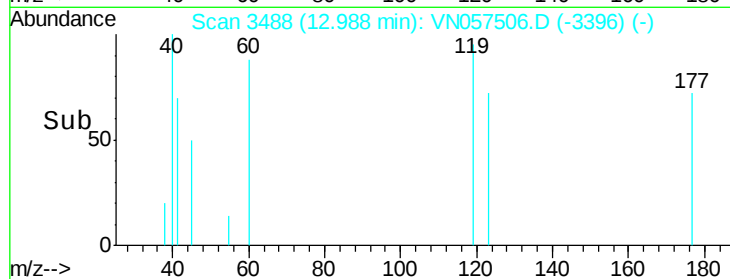
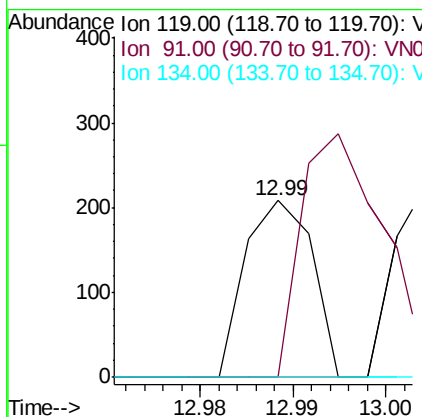
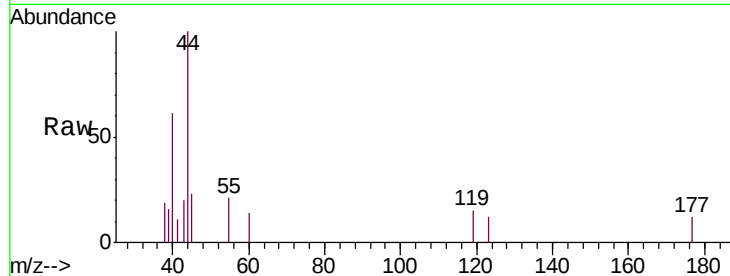




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.01 min
 Lab File: VN057506.D
 Acq: 26 Aug 2019 12:53

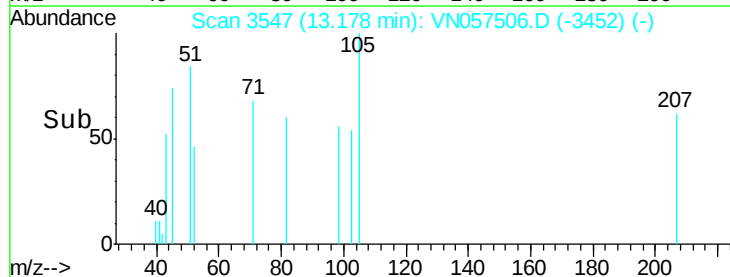
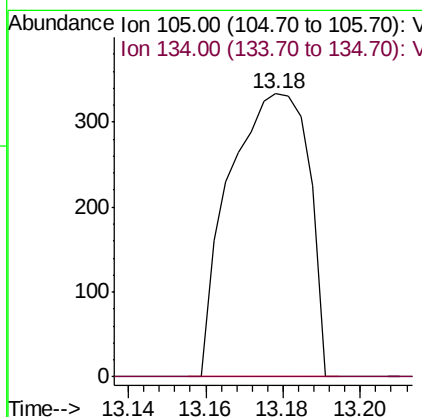
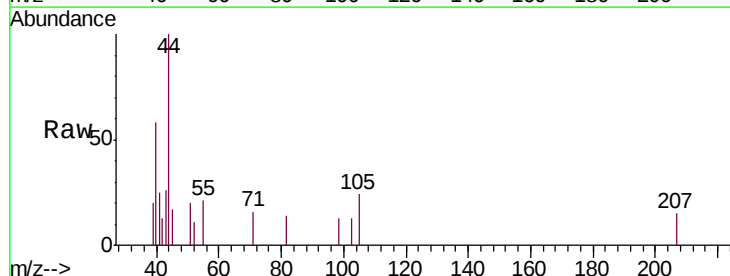
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-A-(2.5)

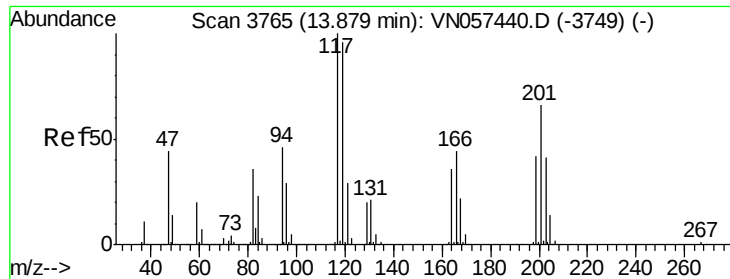
Tgt Ion	Ratio	Lower	Upper
119	100		
91	164.8	37.0	111.0#
134	0.0	12.2	36.6#



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN057506.D
 Acq: 26 Aug 2019 12:53

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





#90

Hexachloroethane

Concen: Below Cal

RT: 13.85 min Scan# 3755

Delta R.T. -0.03 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampled :

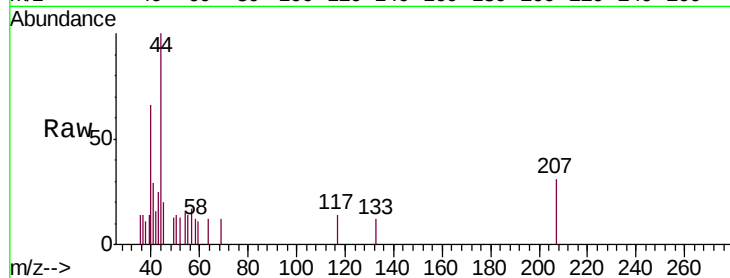
T1-2-A-(2.5)

Tgt Ion:117 Resp: 82

Ion Ratio Lower Upper

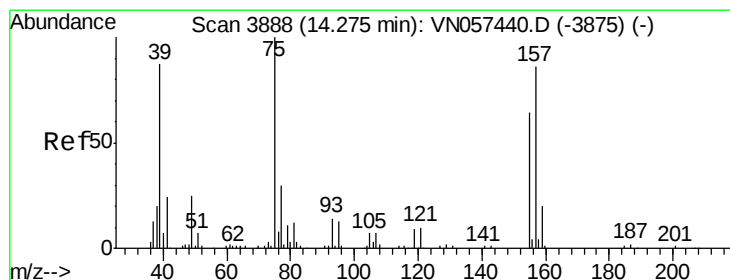
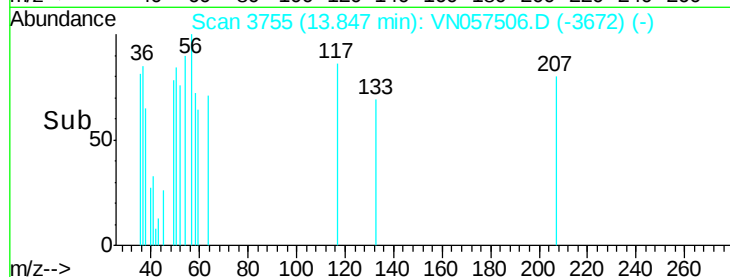
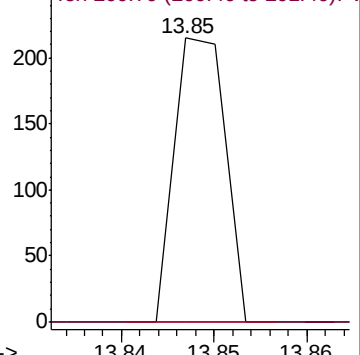
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.31 min Scan# 3900

Delta R.T. 0.04 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

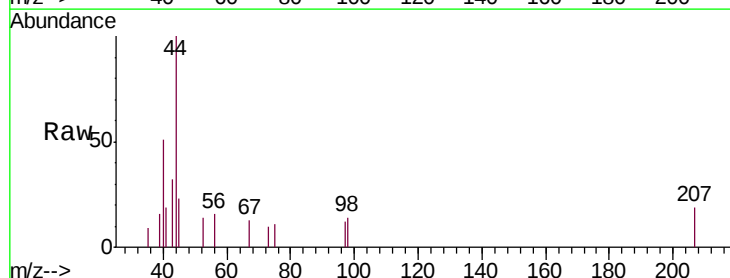
Tgt Ion: 75 Resp: 96

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

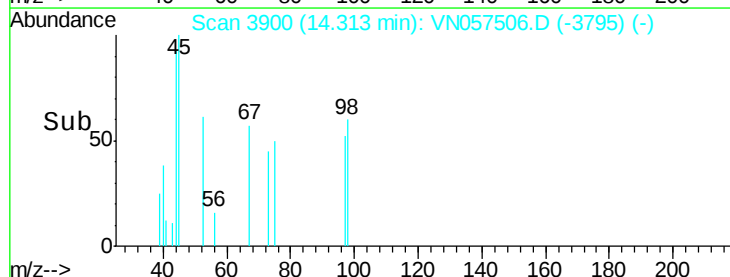
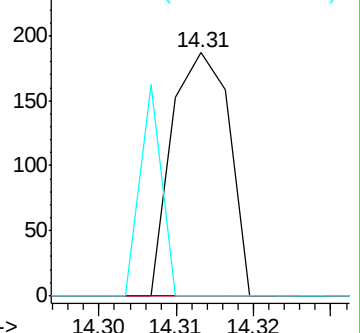
157 32.3 43.3 129.8#

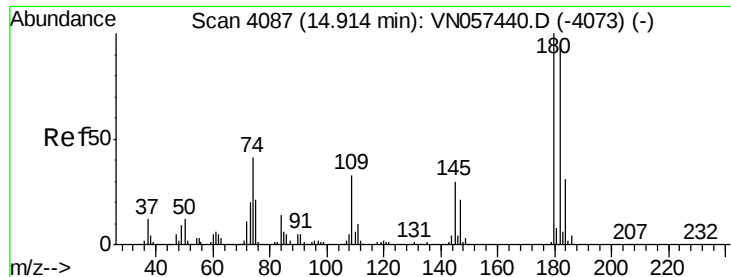


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

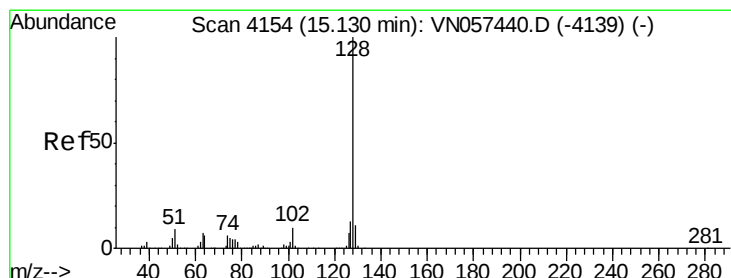
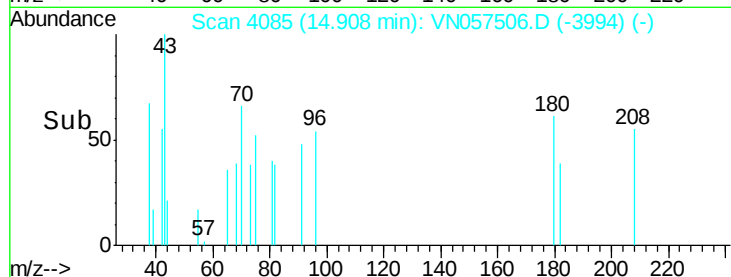
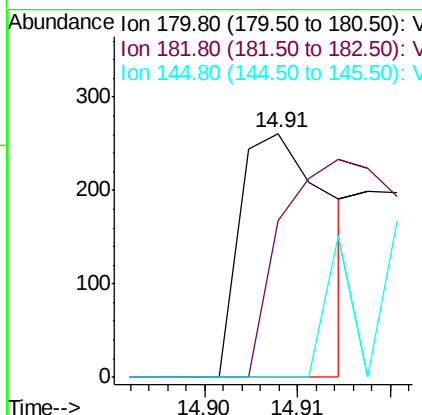
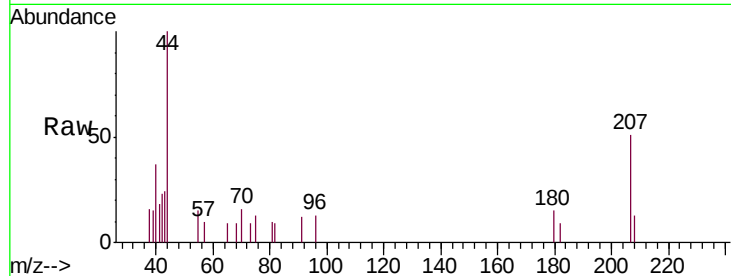




#93
 1,2,4-Trichlorobenzene
 Concen: 5.456 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.01 min
 Lab File: VN057506.D
 Acq: 26 Aug 2019 12:53

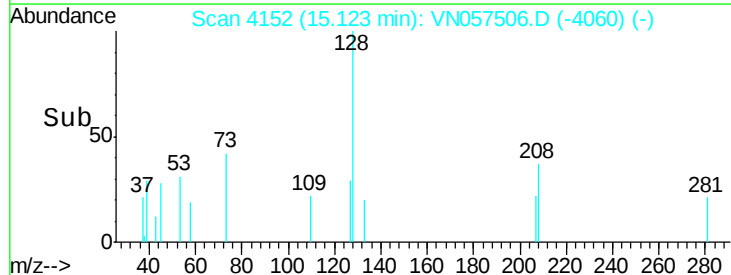
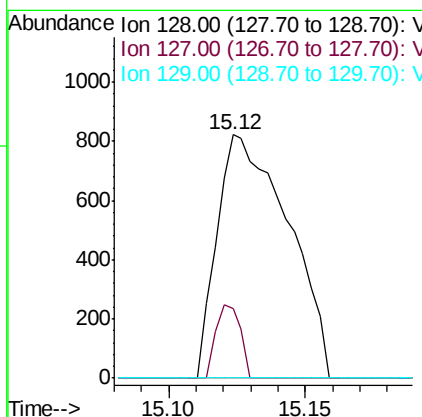
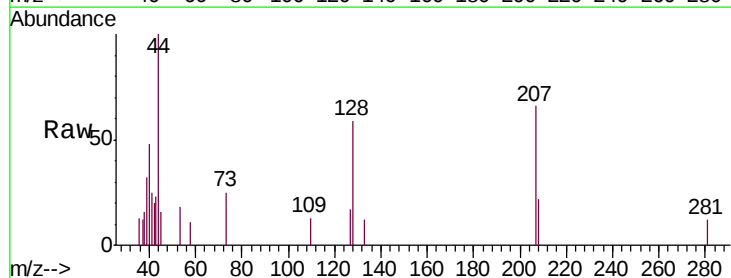
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-A-(2.5)

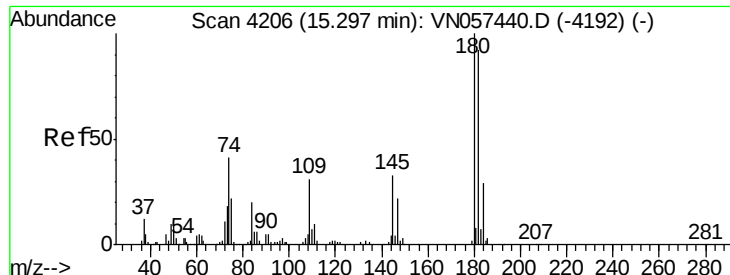
Tgt Ion:180 Resp: 175
 Ion Ratio Lower Upper
 180 100
 182 113.7 46.7 140.1
 145 35.4 15.6 46.8



#95
 Naphthalene
 Concen: 4.571 ug/l
 RT: 15.12 min Scan# 4152
 Delta R.T. -0.01 min
 Lab File: VN057506.D
 Acq: 26 Aug 2019 12:53

Tgt Ion:128 Resp: 1491
 Ion Ratio Lower Upper
 128 100
 127 10.3 10.5 15.7#
 129 0.0 8.6 13.0#

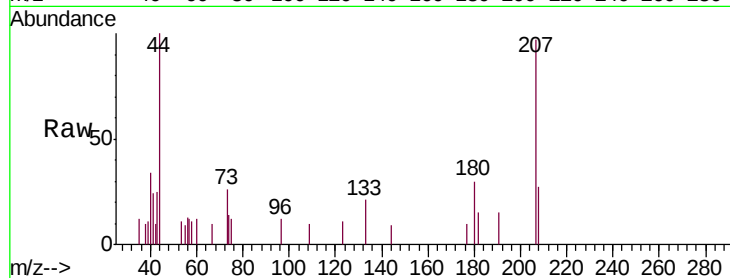




#96
 1,2,3-Trichlorobenzene
 Concen: 5.277 ug/l
 RT: 15.30 min Scan# 4206
 Delta R.T. 0.00 min
 Lab File: VN057506.D
 Acq: 26 Aug 2019 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-A-(2.5)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	57.4	46.7	140.1
145	0.0	16.8	50.3#



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

