

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057505.D
 Acq On : 26 Aug 2019 12:28
 Operator : JC/SP
 Sample : K4474-39
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-A-(0)

Quant Time: Aug 27 07:12:20 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	462715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	803384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	680439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	152472	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	379489	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
35) Dibromofluoromethane	7.57	113	250133	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
50) Toluene-d8	10.08	98	1047224	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.40	95	266125	38.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.54%	

Target Compounds					Qvalue	
3) Chloromethane	2.04	50	1848	0.237 ug/l	#	82
5) Bromomethane	2.55	94	4465	0.763 ug/l		96
8) Diethyl Ether	3.31	74	608	Below Cal		52
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30	Below Cal	#	20
13) Acrolein	3.58	56	692	0.778 ug/l		93
16) Acetone	3.80	43	22020	5.891 ug/l		94
18) Methyl Acetate	4.30	43	10918	0.407 ug/l	#	87
20) Methylene Chloride	4.52	84	17488	3.085 ug/l		93
31) Cyclohexane	7.65	56	14513	1.269 ug/l	#	38
36) 1,1-Dichloropropene	7.65	75	46132	5.620 ug/l	#	52
38) Carbon Tetrachloride	7.65	117	51840	6.357 ug/l	#	16
43) Isopropyl Acetate	8.16	43	112549	7.567 ug/l		99
46) Dibromomethane	9.16	93	30	Below Cal	#	1
48) Methyl methacrylate	9.26	41	169830	24.012 ug/l	#	49
49) 1,4-Dioxane	9.20	88	66	0.722 ug/l	#	18
51) 4-Methyl-2-Pentanone	9.98	43	8402	1.014 ug/l		97
54) cis-1,3-Dichloropropene	9.90	75	42756	4.005 ug/l	#	69
57) 1,3-Dichloropropane	10.76	76	6351	0.635 ug/l	#	44
58) 2-Chloroethyl Vinyl ether	9.65	63	33	17.077 ug/l	#	52
59) 2-Hexanone	10.76	43	114363	20.115 ug/l	#	54
73) Isopropylbenzene	12.24	105	687	Below Cal	#	50
74) N-amyl acetate	12.04	43	6198	Below Cal	#	50
75) 1,1,2,2-Tetrachloroethane	12.41	83	355	Below Cal	#	14
76) 1,2,3-Trichloropropane	12.40	75	154050	45.295 ug/l	#	100
77) Bromobenzene	12.52	156	148	Below Cal	#	21
78) n-propylbenzene	12.59	91	831	Below Cal		88
79) 2-Chlorotoluene	12.67	91	197	Below Cal	#	67
80) 1,3,5-Trimethylbenzene	12.73	105	1547	Below Cal		67
81) trans-1,4-Dichloro-2-buten	12.40	75	154050	116.062 ug/l	#	9
82) 4-Chlorotoluene	12.78	91	315	Below Cal	#	65
83) tert-Butylbenzene	12.99	119	101	Below Cal	#	22
85) sec-Butylbenzene	13.17	105	830	Below Cal	#	58
90) Hexachloroethane	13.83	117	85	Below Cal	#	17
92) 1,2-Dibromo-3-Chloropropan	14.40	75	70	Below Cal	#	11

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

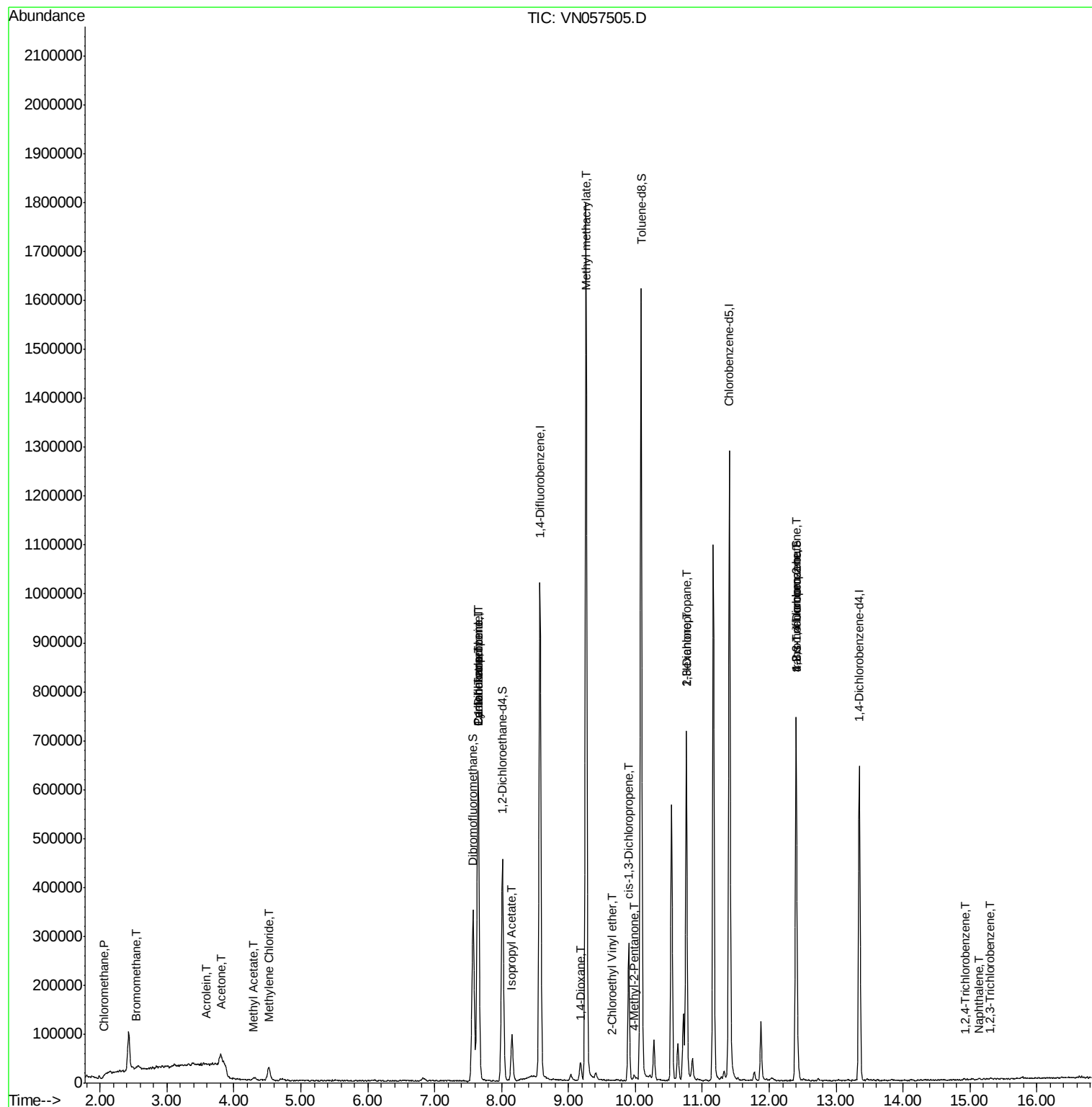
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	423	5.570	ug/l #	80
95) Naphthalene	15.13	128	1572	4.576	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.31	180	562	5.381	ug/l #	66

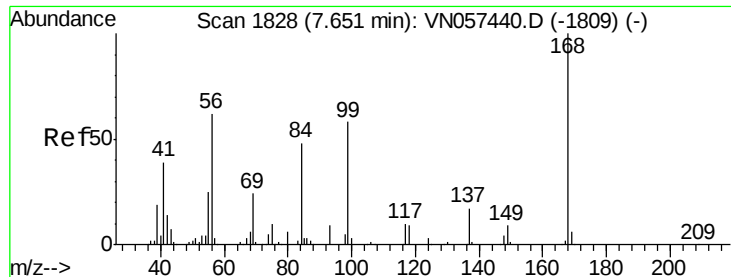
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

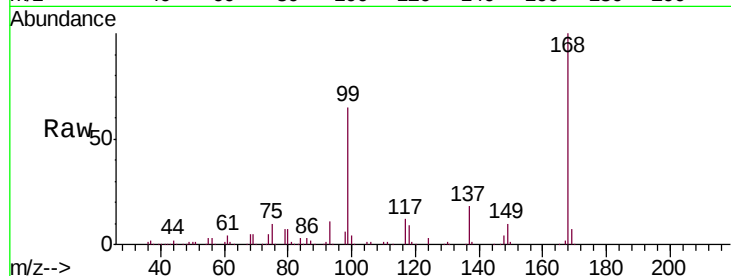
T1-2-A-(0)

Tgt Ion:168 Resp: 462715

Ion Ratio Lower Upper

168 100

99 64.5 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057440.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057440.D (-1809) (-)

7.65

200000

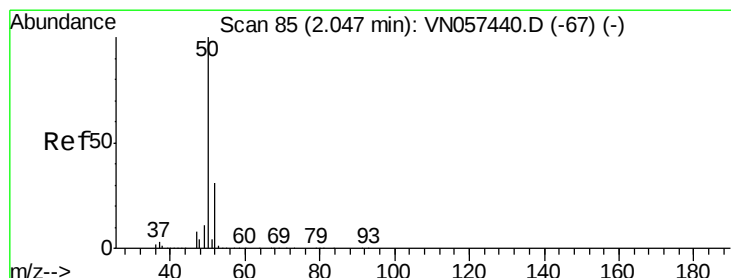
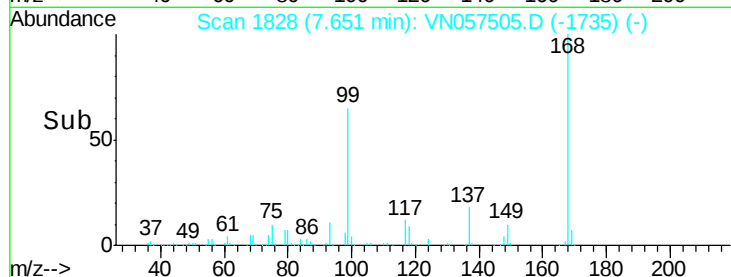
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.237 ug/l

RT: 2.04 min Scan# 84

Delta R.T. -0.00 min

Lab File: VN057505.D

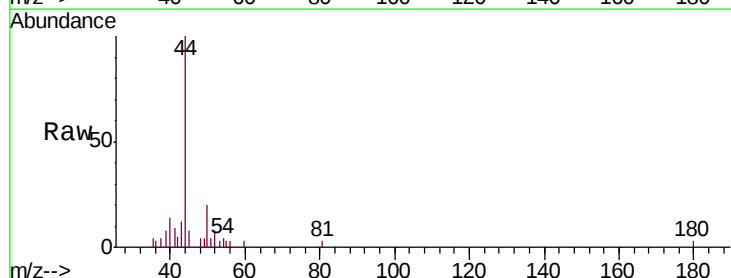
Acq: 26 Aug 2019 12:28

Tgt Ion: 50 Resp: 1848

Ion Ratio Lower Upper

50 100

52 41.5 25.1 37.7#



Abundance Ion 49.90 (49.60 to 50.60): VN057440.D (-67) (-)

Ion 51.90 (51.60 to 52.60): VN057440.D (-67) (-)

2.04

1200

1000

800

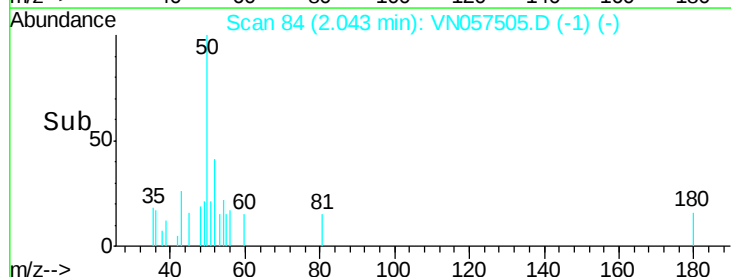
600

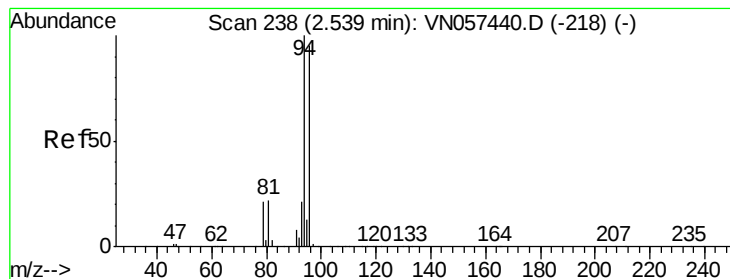
400

200

0

Time--> 2.00 2.05





#5

Bromomethane

Concen: 0.763 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

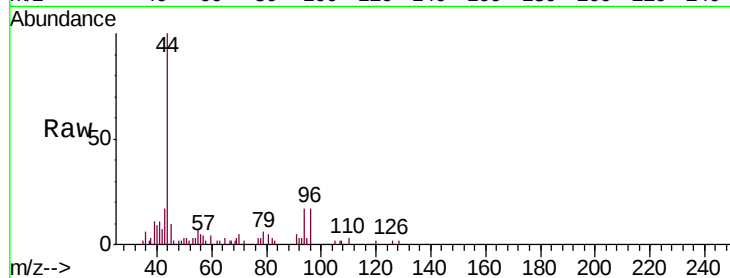
T1-2-A-(0)

Tgt Ion: 94 Resp: 4465

Ion Ratio Lower Upper

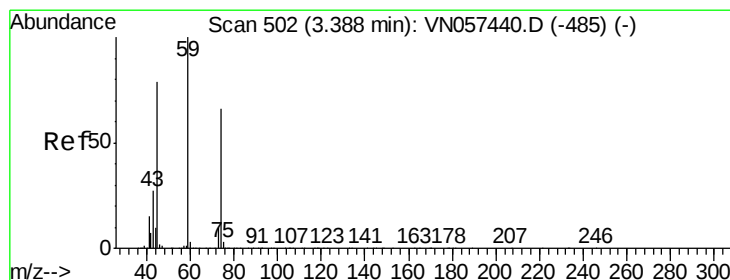
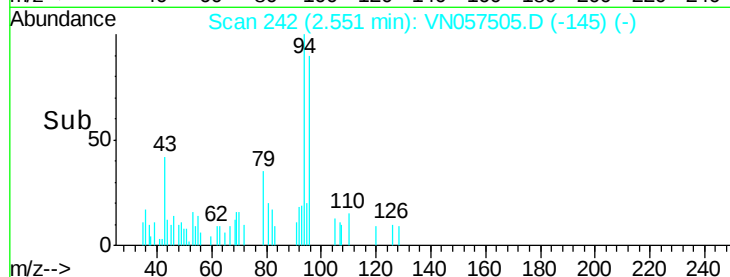
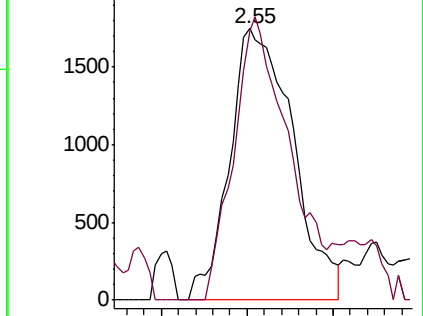
94 100

96 99.3 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: Below Cal

RT: 3.31 min Scan# 479

Delta R.T. -0.07 min

Lab File: VN057505.D

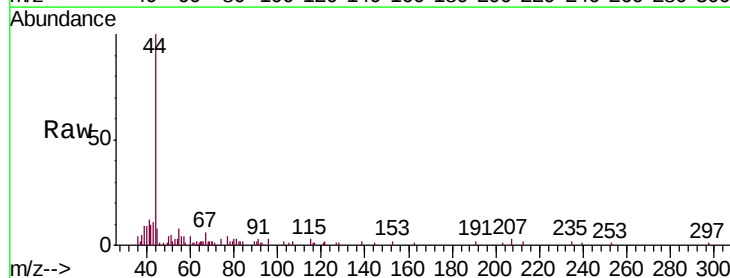
Acq: 26 Aug 2019 12:28

Tgt Ion: 74 Resp: 608

Ion Ratio Lower Upper

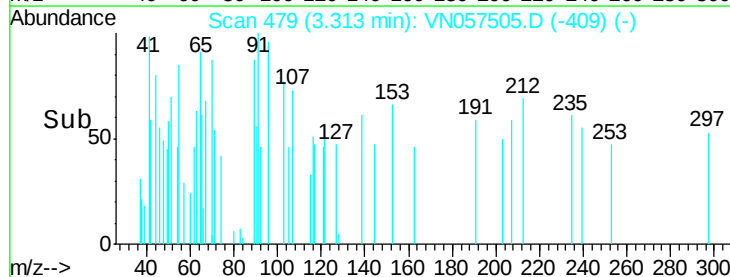
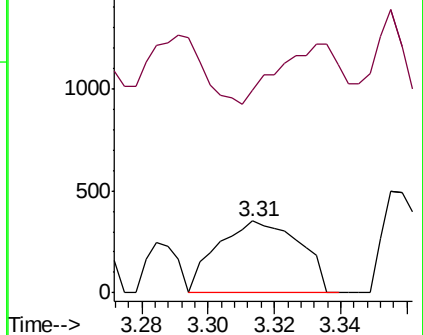
74 100

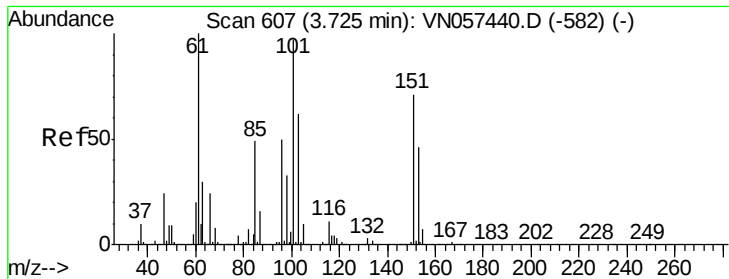
45 63.0 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.72 min Scan# 605

Delta R.T. -0.01 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

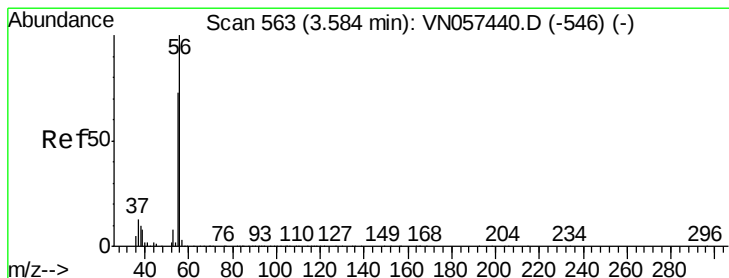
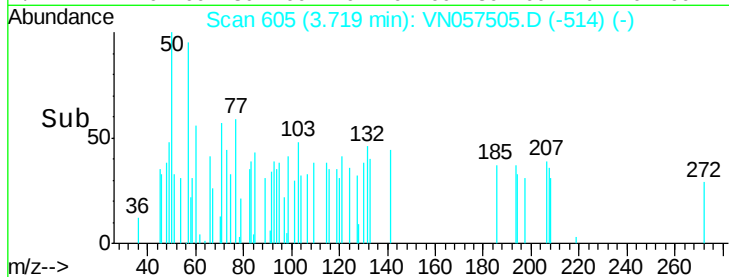
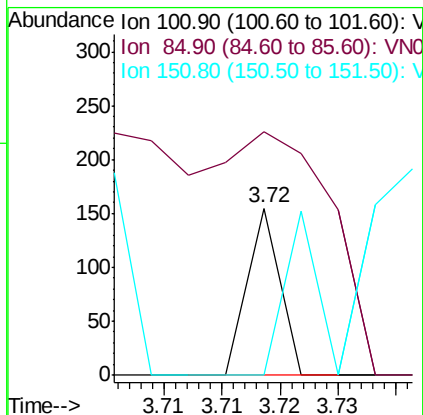
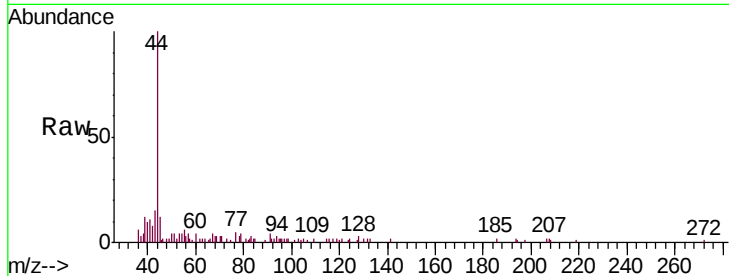
Instrument :

MSVOA_N

ClientSampleId :

T1-2-A(0)

Tgt Ion:	101	Resp:	30
Ion	Ratio	Lower	Upper
101	100		
85	0.0	40.0	60.0#
151	0.0	57.0	85.6#



#13

Acrolein

Concen: 0.778 ug/l

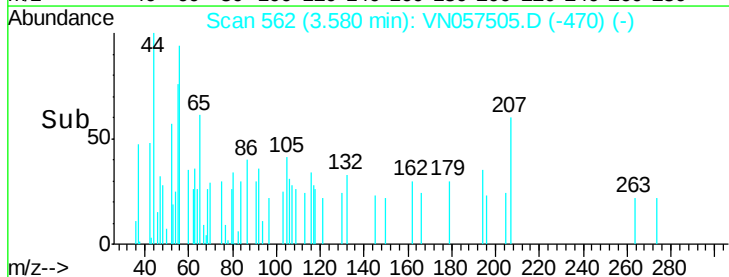
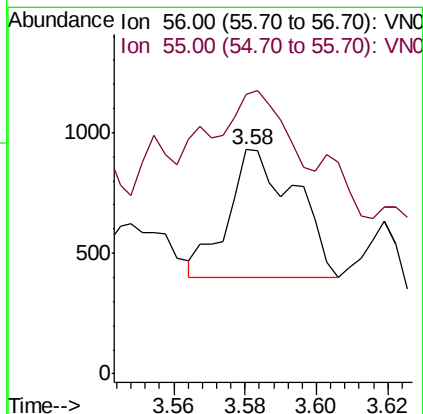
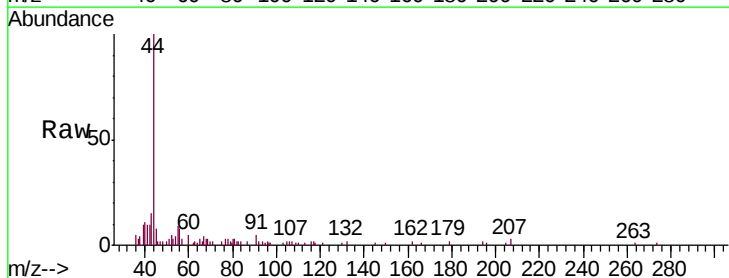
RT: 3.58 min Scan# 562

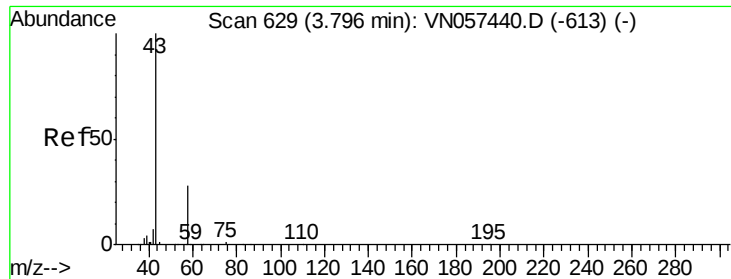
Delta R.T. -0.00 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Tgt Ion:	56	Resp:	692
Ion	Ratio	Lower	Upper
56	100		
55	67.8	59.0	88.4





#16

Acetone

Concen: 5.891 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

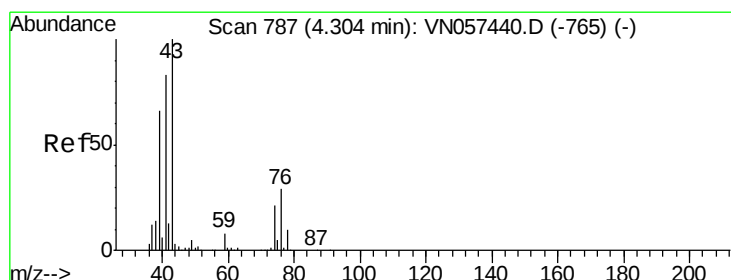
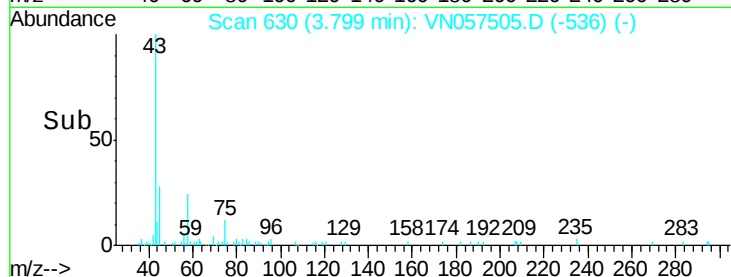
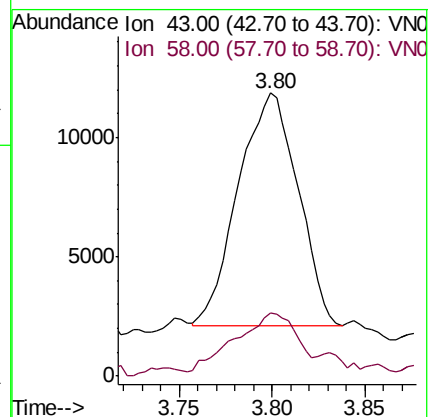
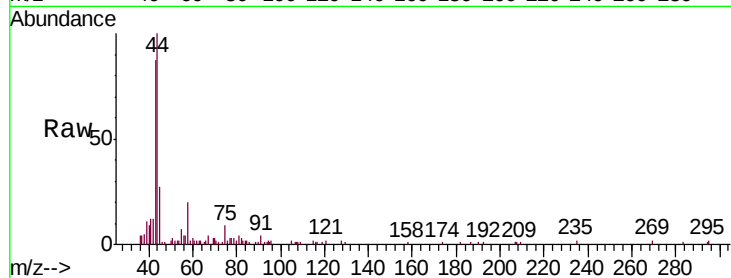
T1-2-A-(0)

Tgt Ion: 43 Resp: 22020

Ion Ratio Lower Upper

43 100

58 24.7 22.1 33.1



#18

Methyl Acetate

Concen: 0.407 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN057505.D

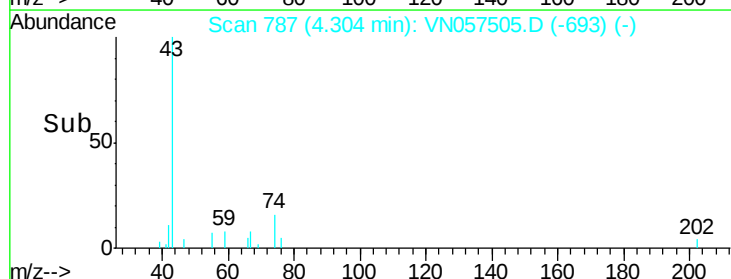
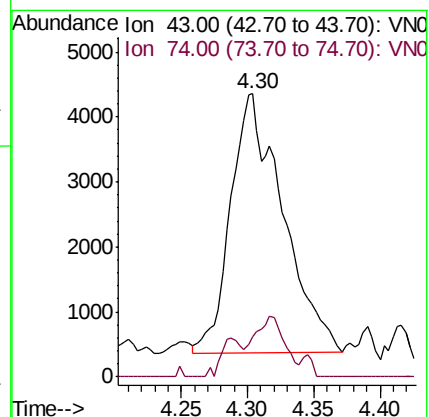
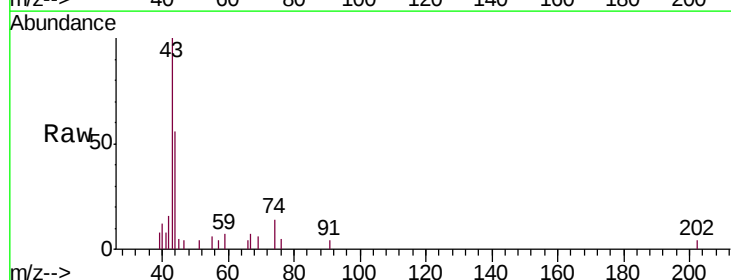
Acq: 26 Aug 2019 12:28

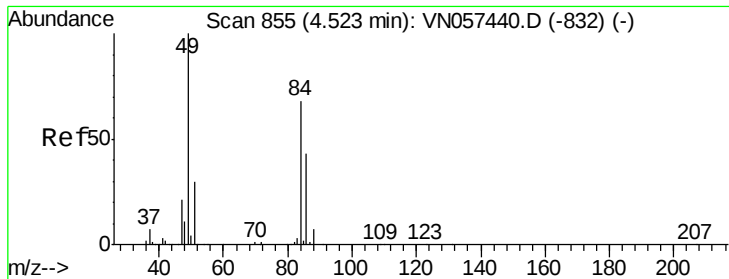
Tgt Ion: 43 Resp: 10918

Ion Ratio Lower Upper

43 100

74 13.7 15.9 23.9#





#20

Methylene Chloride

Concen: 3.085 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

T1-2-A-(0)

Tgt Ion: 84 Resp: 17488

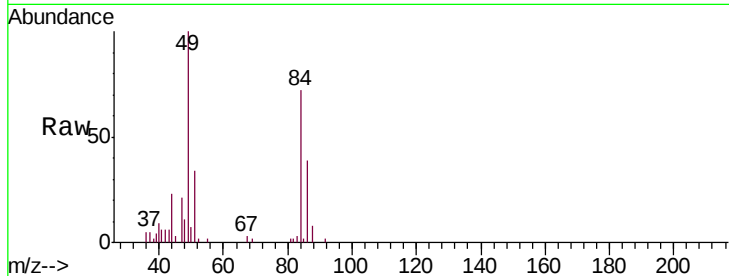
Ion Ratio Lower Upper

84 100

49 138.7 117.0 175.4

51 47.6 35.5 53.3

86 54.7 49.8 74.8

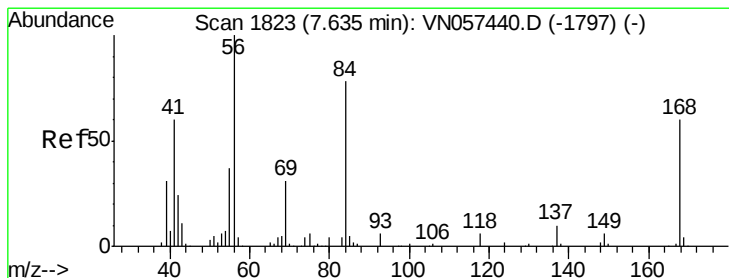
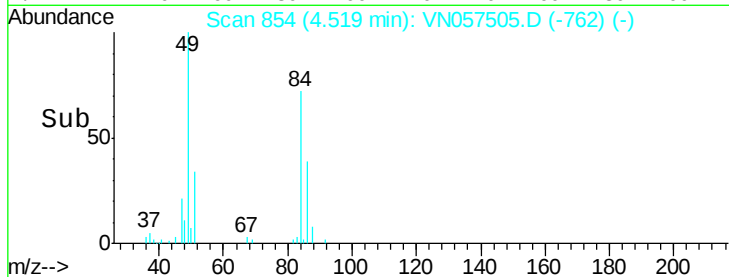
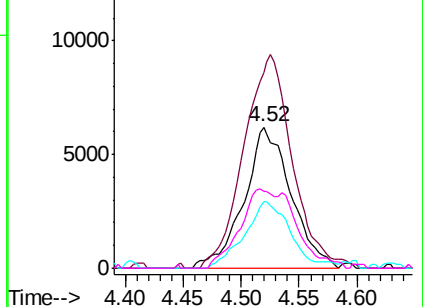


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#31

Cyclohexane

Concen: 1.269 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.02 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

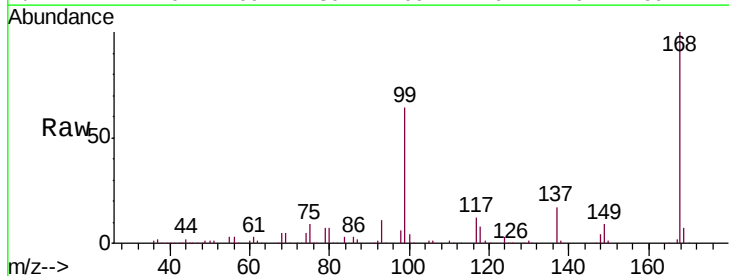
Tgt Ion: 56 Resp: 14513

Ion Ratio Lower Upper

56 100

69 143.6 25.0 37.6#

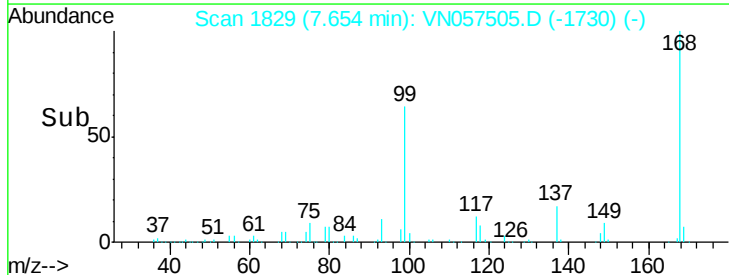
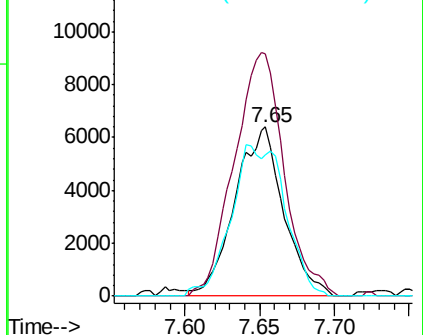
84 83.3 62.5 93.7

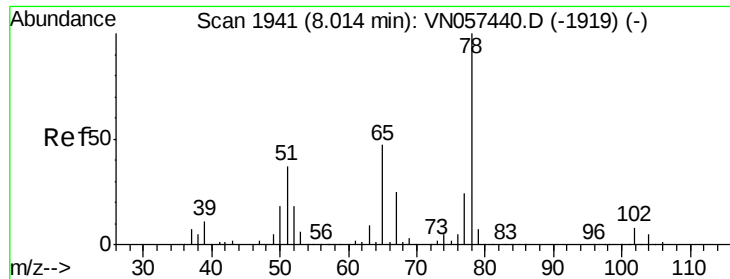


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 46.622 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

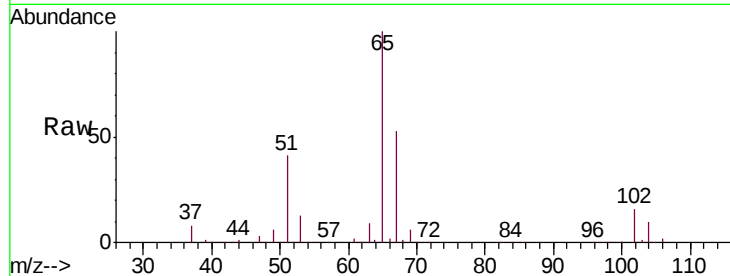
T1-2-A-(0)

Tgt Ion: 65 Resp: 379489

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057440.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN057440.D (-1919) (-)

8.01

150000

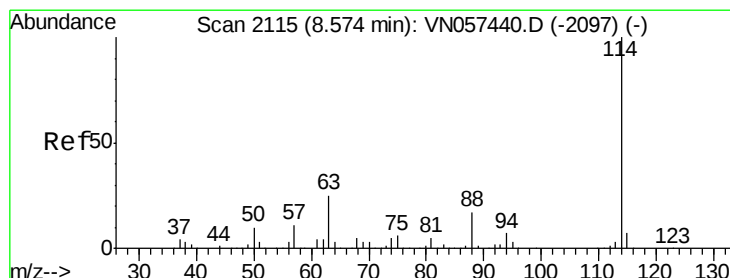
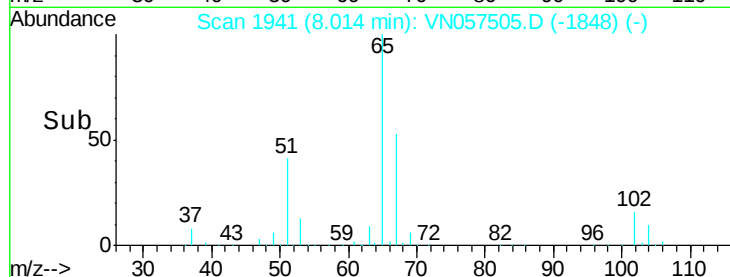
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

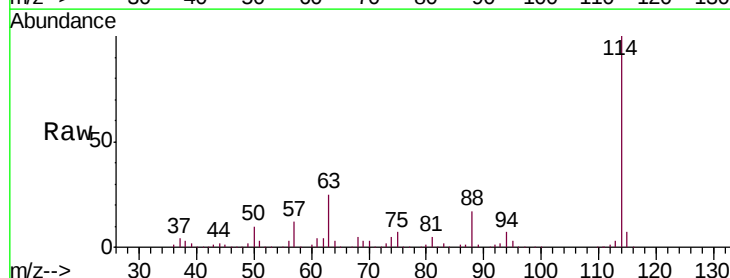
Tgt Ion: 114 Resp: 803384

Ion Ratio Lower Upper

114 100

63 25.1 0.0 50.2

88 17.1 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): VN057440.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057440.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057440.D (-2097) (-)

8.57

500000

400000

300000

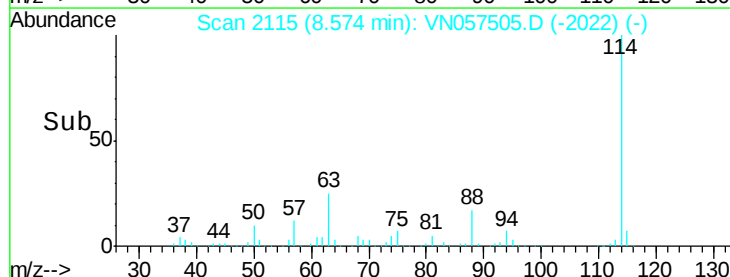
200000

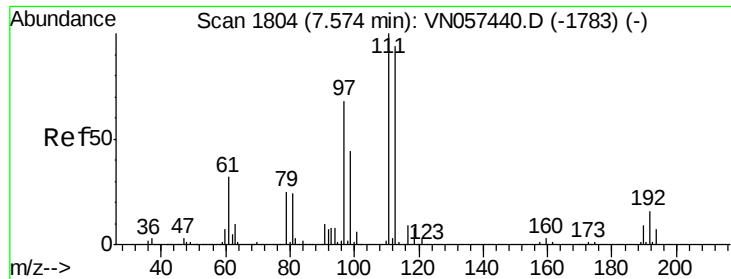
100000

0

8.50 8.60 8.70

Time-->

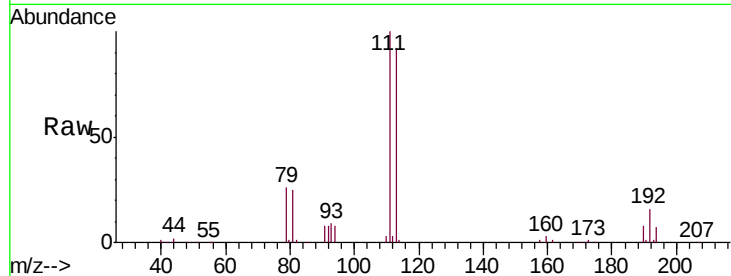




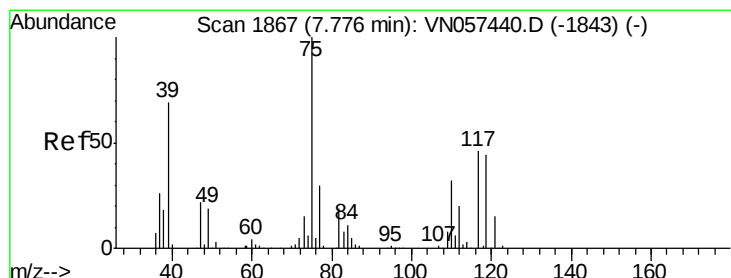
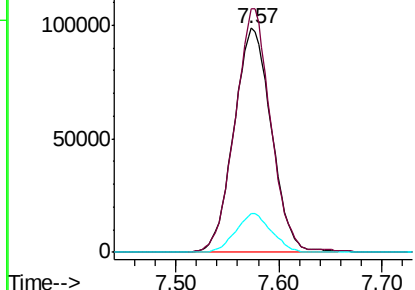
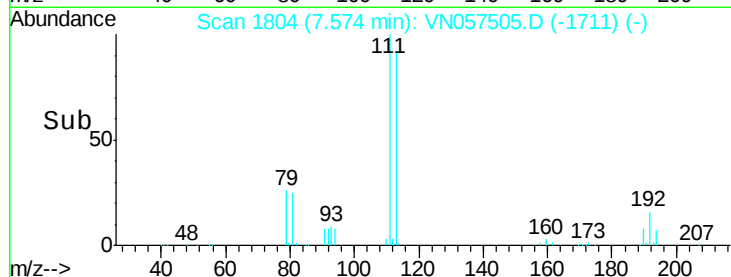
#35
 Dibromofluoromethane
 Concen: 46.095 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057505.D
 Acq: 26 Aug 2019 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-A-(0)

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.8	125.6
192	16.5	13.5	20.3

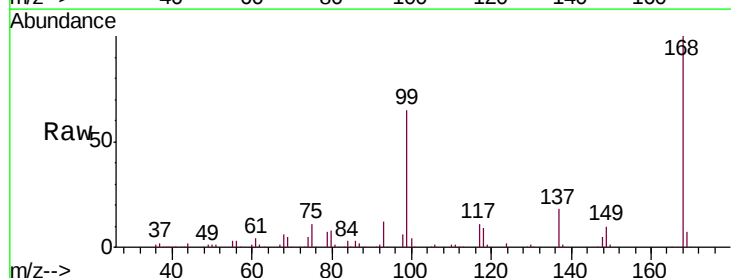


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

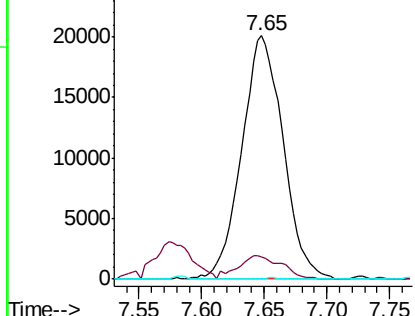
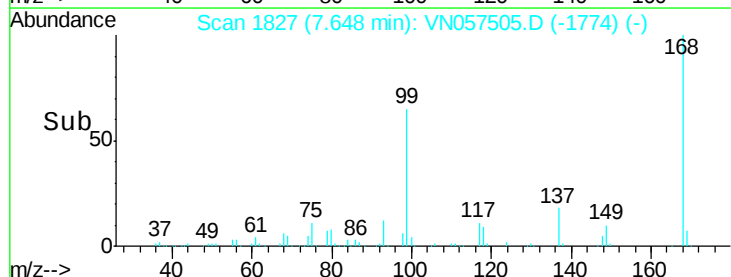


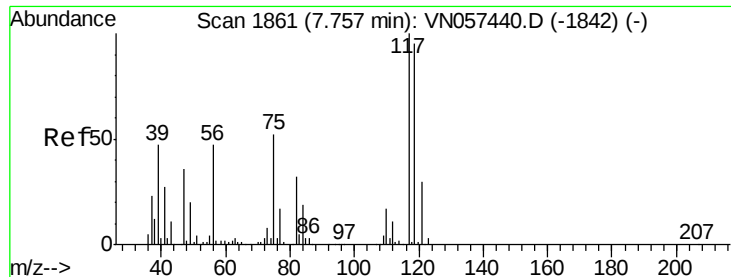
#36
 1,1-Dichloropropene
 Concen: 5.620 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN057505.D
 Acq: 26 Aug 2019 12:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	16.1	48.3#
77	0.1	24.8	37.2#



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





#38

Carbon Tetrachloride

Concen: 6.357 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampled :

T1-2-A-(0)

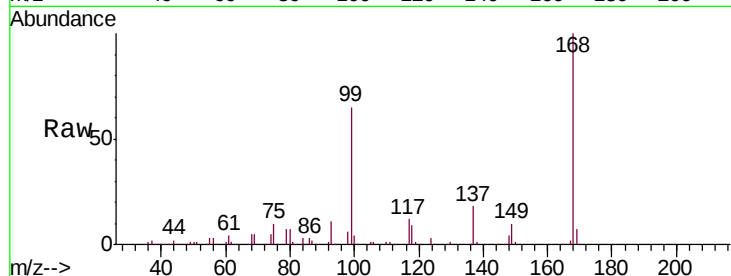
Tgt Ion:117 Resp: 51840

Ion Ratio Lower Upper

117 100

119 4.7 76.2 114.4#

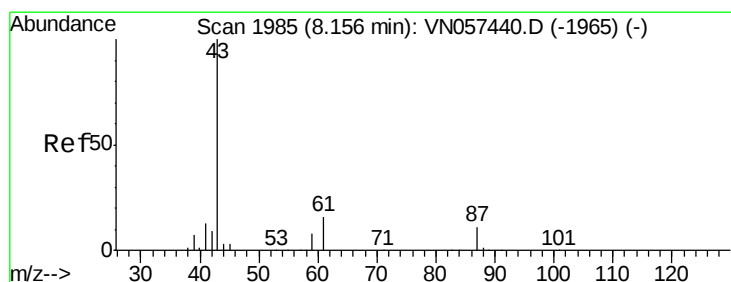
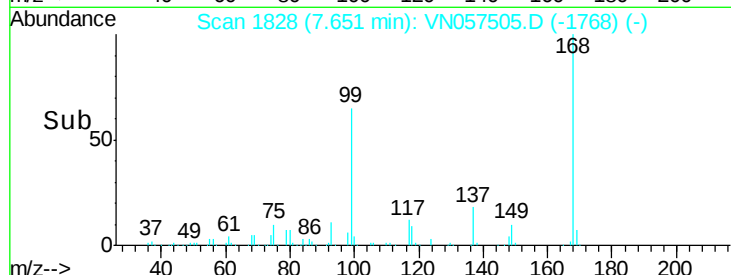
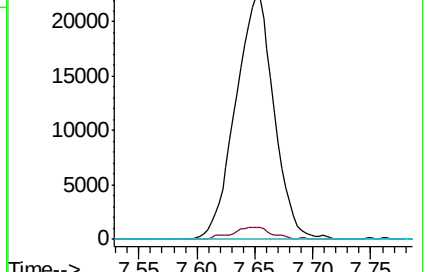
121 0.0 23.8 35.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 7.567 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

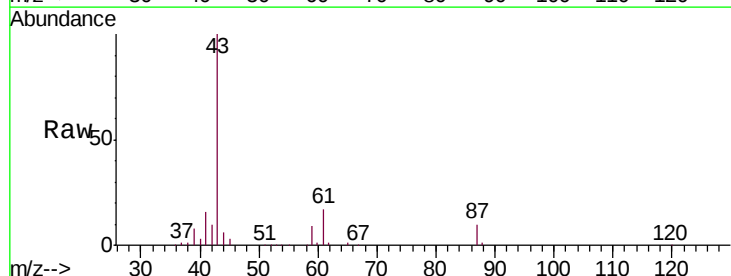
Tgt Ion: 43 Resp: 112549

Ion Ratio Lower Upper

43 100

61 17.7 14.5 21.7

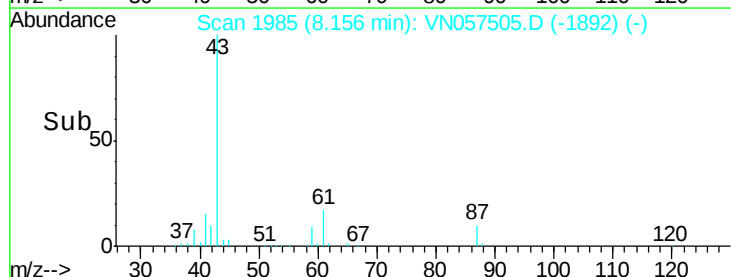
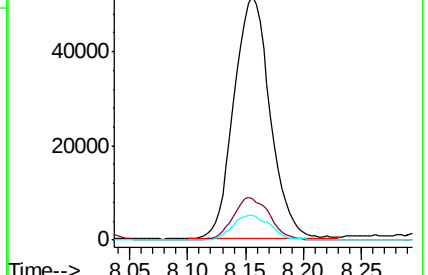
87 10.7 8.6 12.8

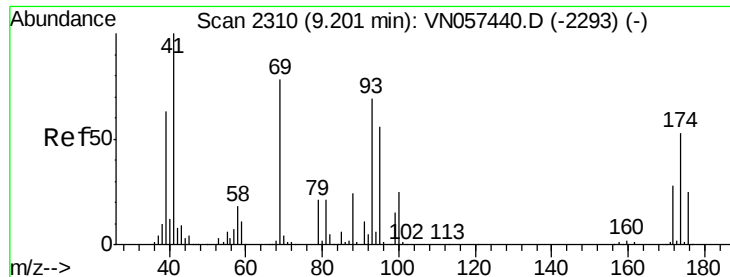


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#46

Dibromomethane

Concen: Below Cal

RT: 9.16 min Scan# 2298

Delta R.T. -0.04 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

T1-2-A(0)

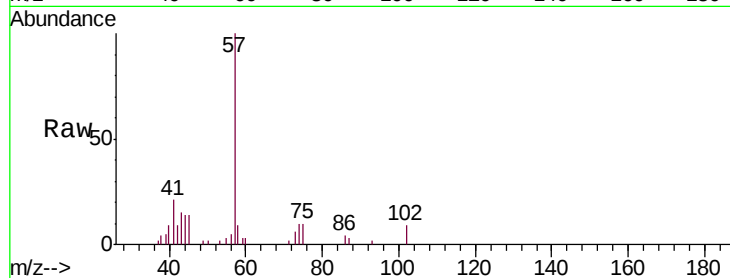
Tgt Ion: 93 Resp: 30

Ion Ratio Lower Upper

93 100

95 530.0 64.7 97.1#

174 0.0 62.3 93.5#

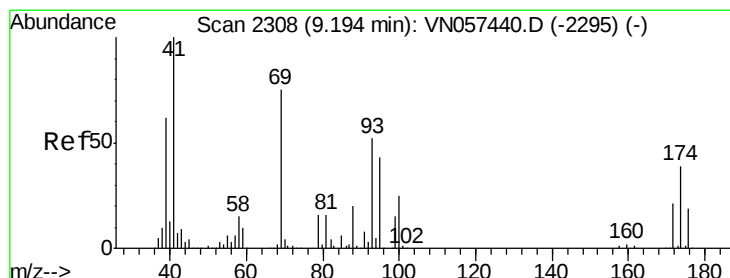
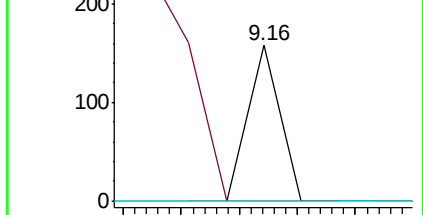
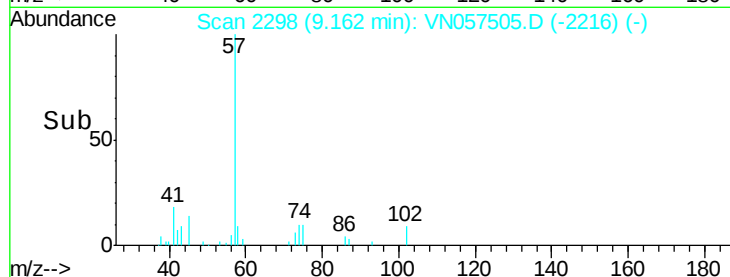


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): VN0

Time-->



#48

Methyl methacrylate

Concen: 24.012 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.07 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

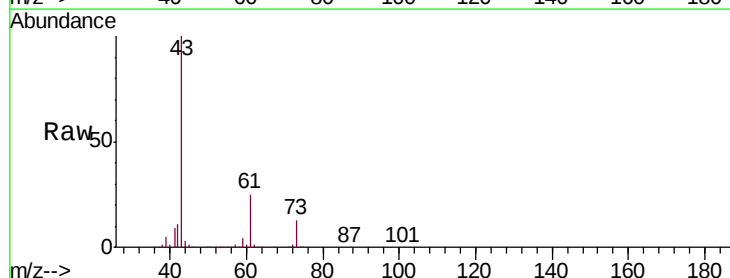
Tgt Ion: 41 Resp: 169830

Ion Ratio Lower Upper

41 100

69 0.1 59.3 88.9#

39 56.9 50.6 75.8

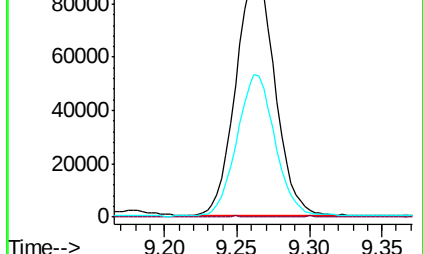
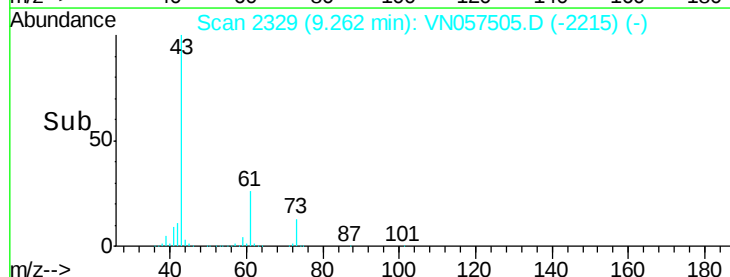


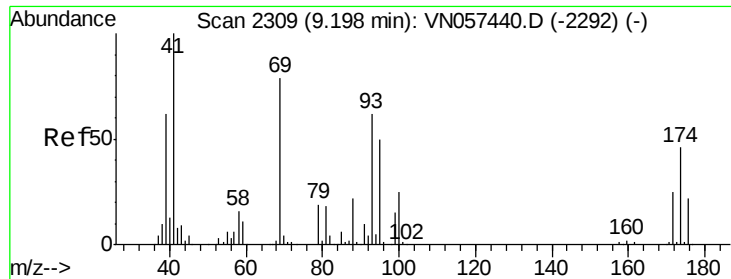
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Time-->

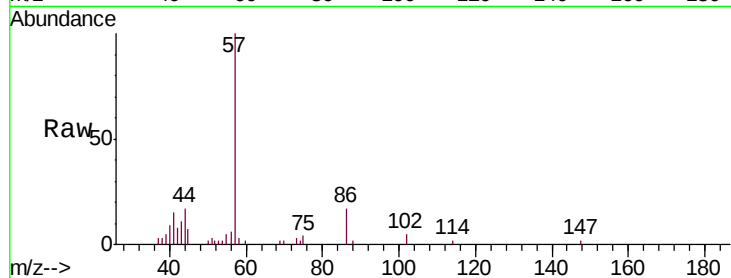




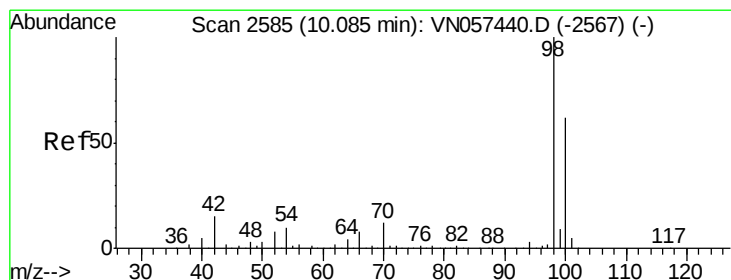
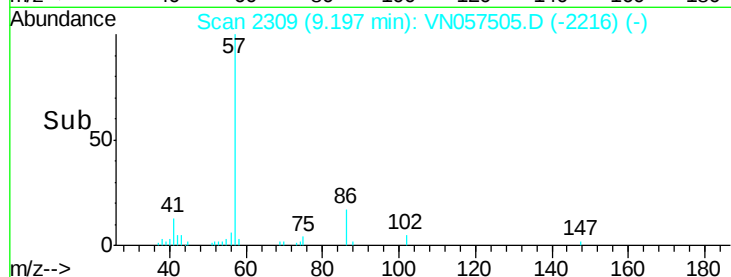
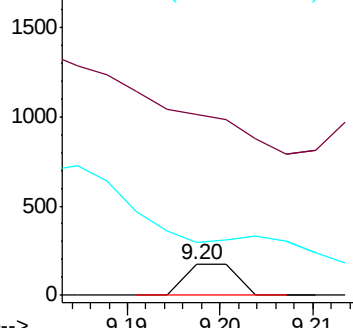
#49
1,4-Dioxane
Concen: 0.722 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN057505.D
Acq: 26 Aug 2019 12:28

Instrument :
MSVOA_N
ClientSampleId :
T1-2-A-(0)

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 0.0 64.5 96.7#

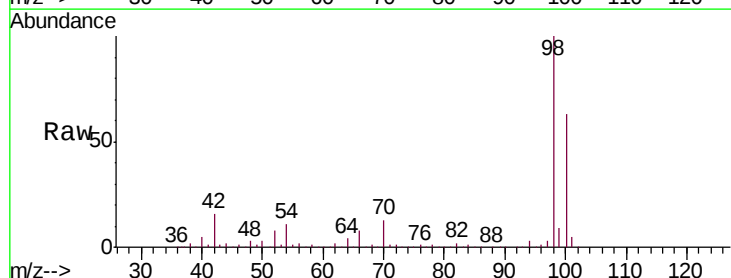


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

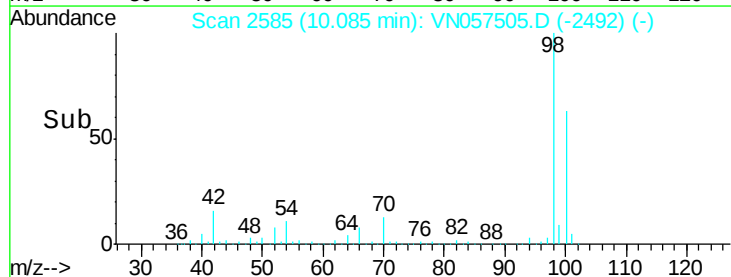
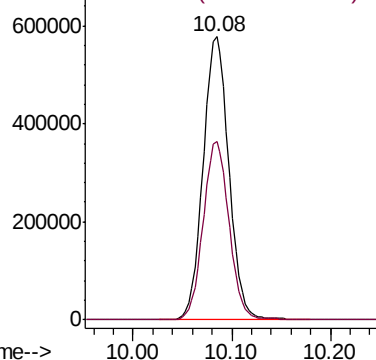


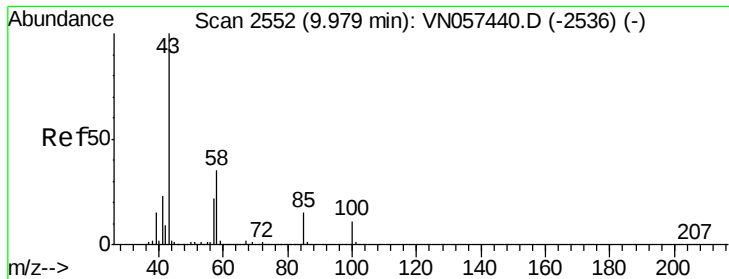
#50
Toluene-d8
Concen: 51.037 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057505.D
Acq: 26 Aug 2019 12:28

Tgt Ion: 98 Resp: 1047224
Ion Ratio Lower Upper
98 100
100 63.3 50.4 75.6



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

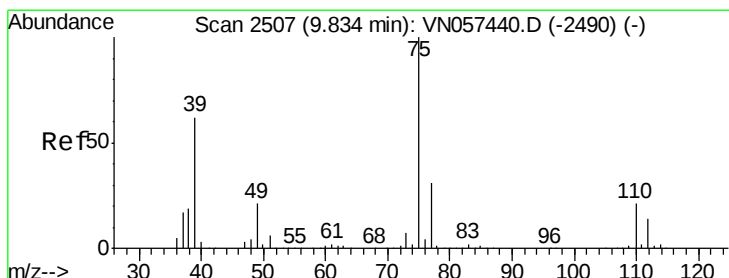
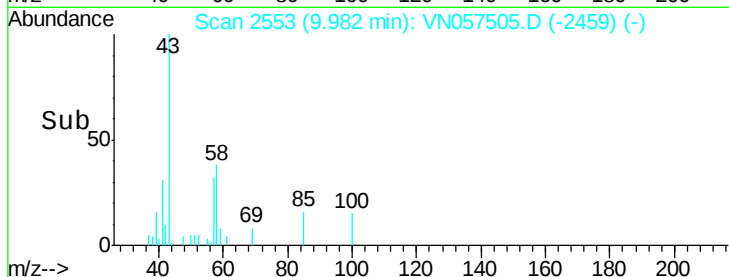
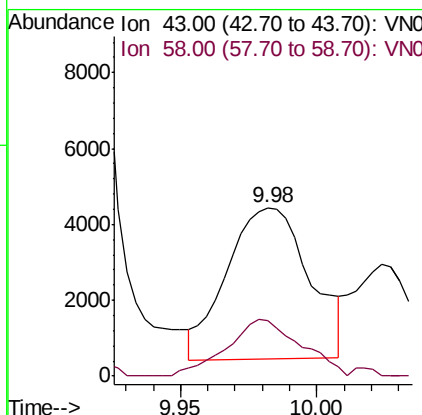
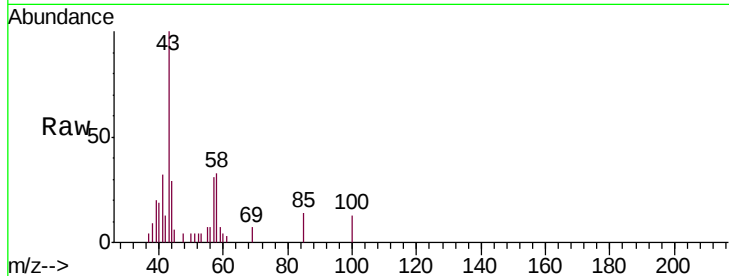




#51
 4-Methyl-2-Pentanone
 Concen: 1.014 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057505.D
 Acq: 26 Aug 2019 12:28

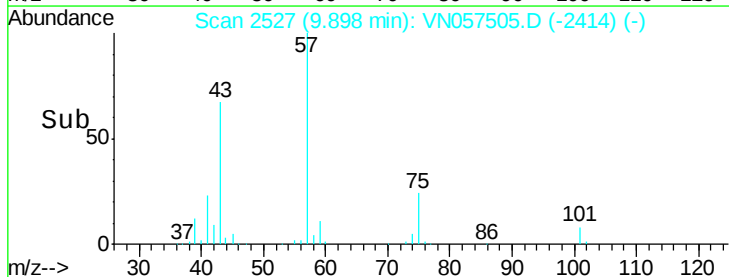
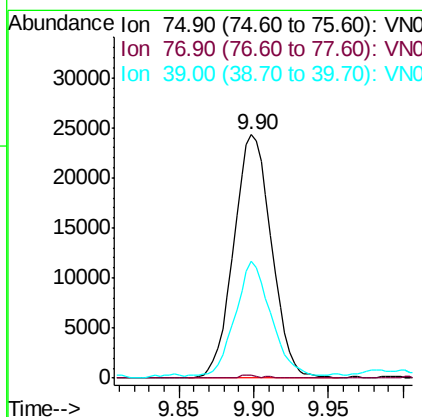
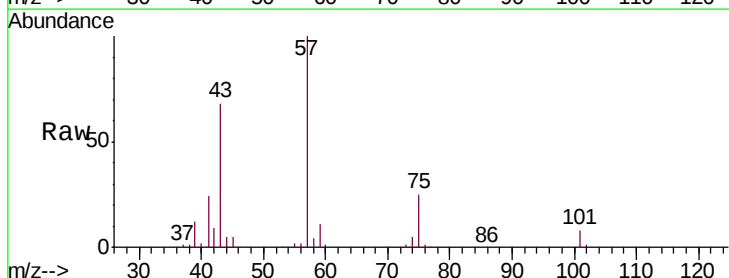
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-A(0)

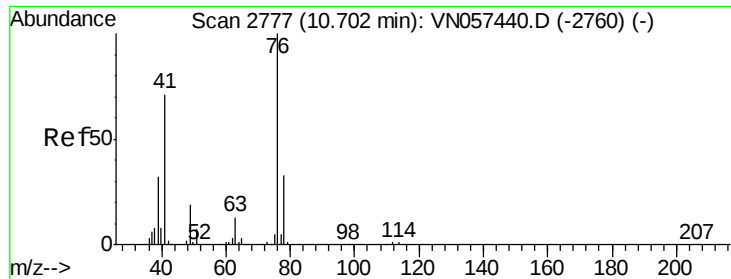
Tgt Ion: 43 Resp: 8402
 Ion Ratio Lower Upper
 43 100
 58 33.4 27.9 41.9



#54
 cis-1,3-Dichloropropene
 Concen: 4.005 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057505.D
 Acq: 26 Aug 2019 12:28

Tgt Ion: 75 Resp: 42756
 Ion Ratio Lower Upper
 75 100
 77 1.2 25.0 37.6#
 39 47.1 49.2 73.8#

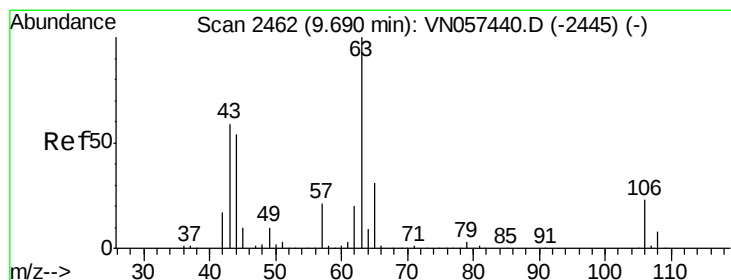
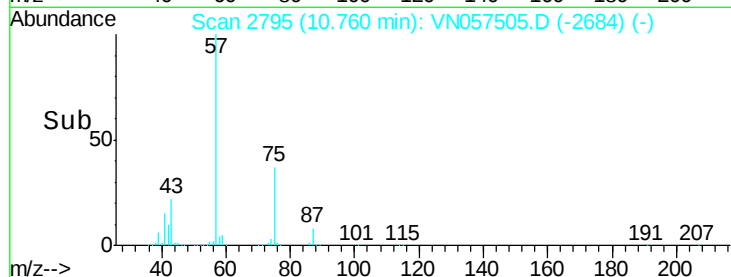
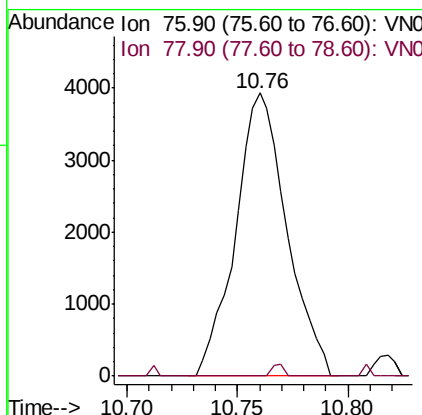
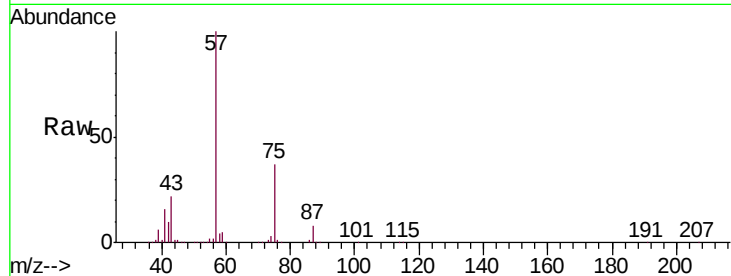




#57
 1,3-Dichloropropane
 Concen: 0.635 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057505.D
 Acq: 26 Aug 2019 12:28

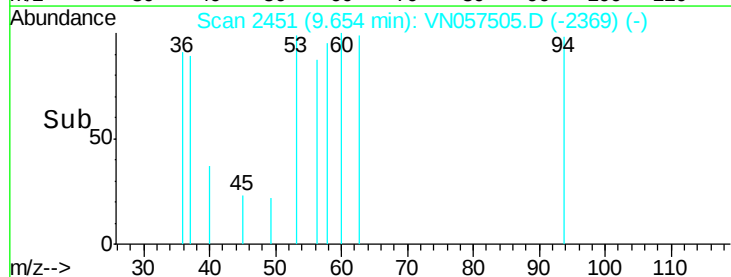
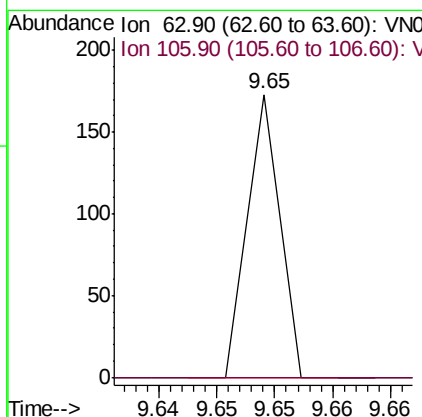
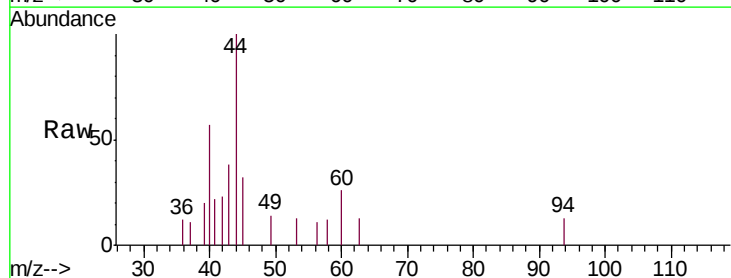
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-A-(0)

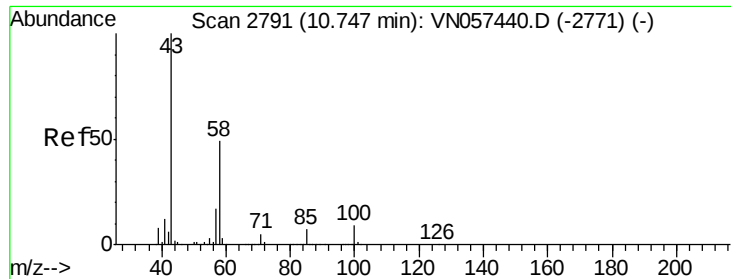
Tgt Ion: 76 Resp: 6351
 Ion Ratio Lower Upper
 76 100
 78 1.0 25.5 38.3#



#58
 2-Chloroethyl Vinyl ether
 Concen: 17.077 ug/l
 RT: 9.65 min Scan# 2451
 Delta R.T. -0.03 min
 Lab File: VN057505.D
 Acq: 26 Aug 2019 12:28

Tgt Ion: 63 Resp: 33
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#

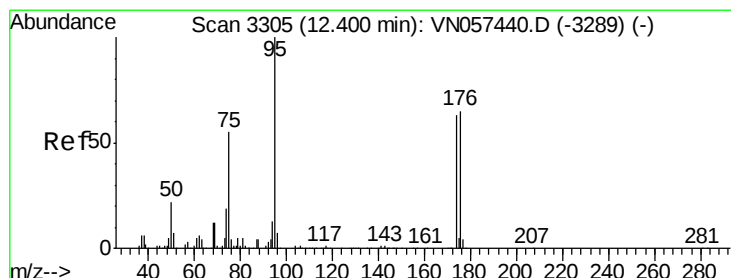
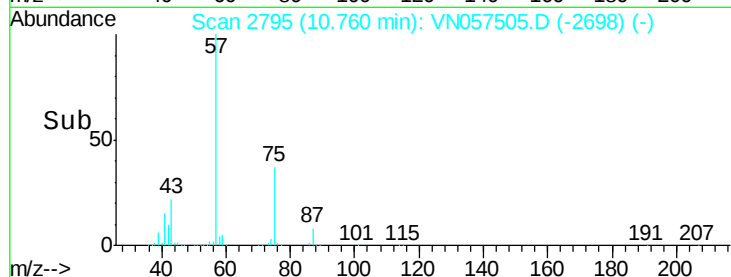
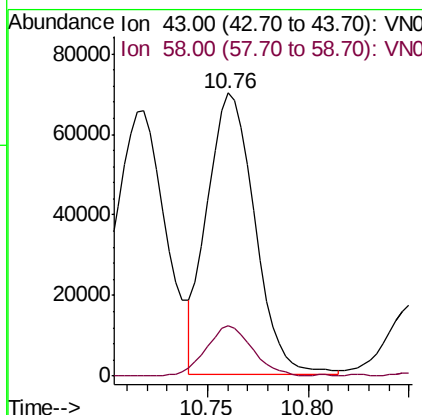
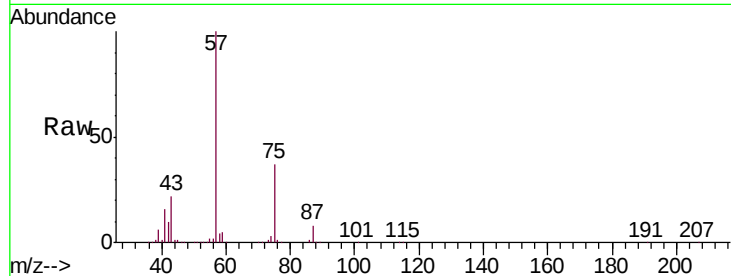




#59
2-Hexanone
Concen: 20.115 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057505.D
Acq: 26 Aug 2019 12:28

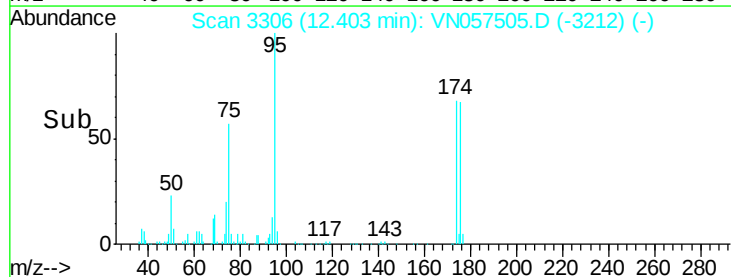
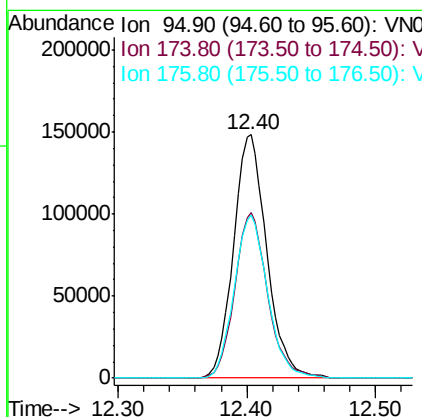
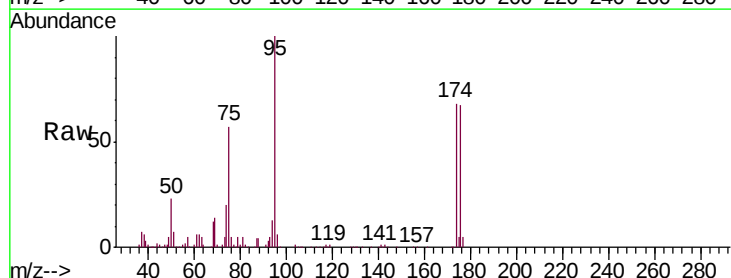
Instrument :
MSVOA_N
ClientSampled :
T1-2-A(0)

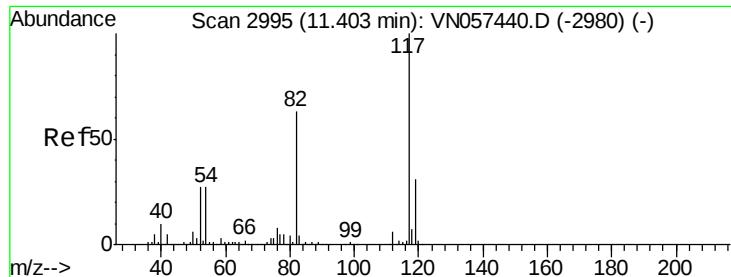
Tgt Ion: 43 Resp: 114363
Ion Ratio Lower Upper
43 100
58 17.5 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 38.272 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057505.D
Acq: 26 Aug 2019 12:28

Tgt Ion: 95 Resp: 266125
Ion Ratio Lower Upper
95 100
174 67.1 0.0 133.0
176 67.0 0.0 130.8

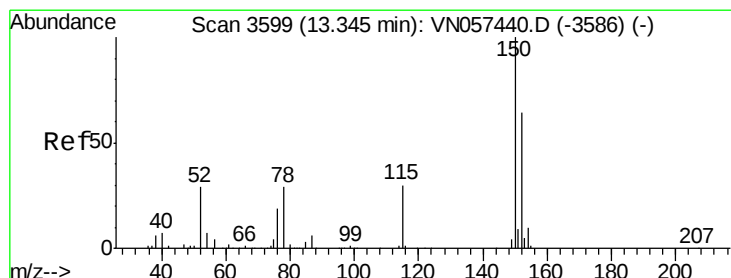
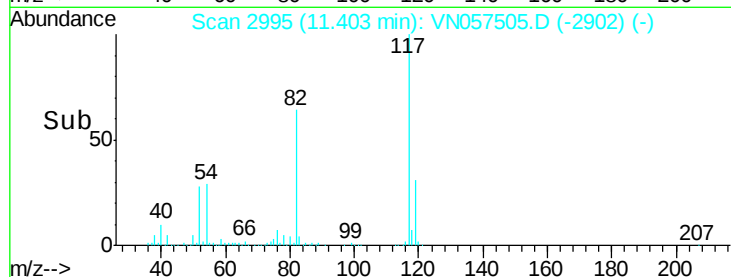
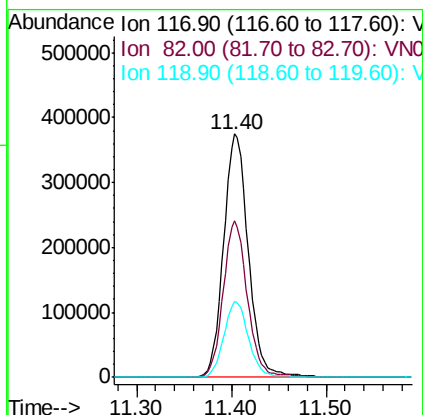
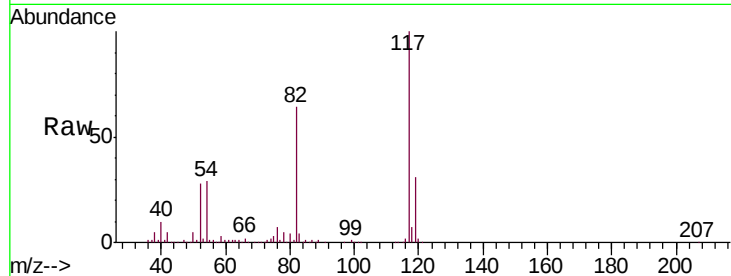




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057505.D
Acq: 26 Aug 2019 12:28

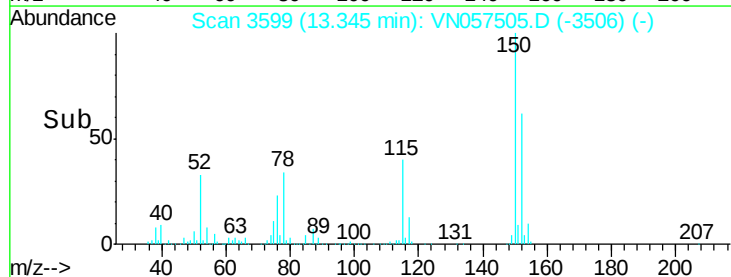
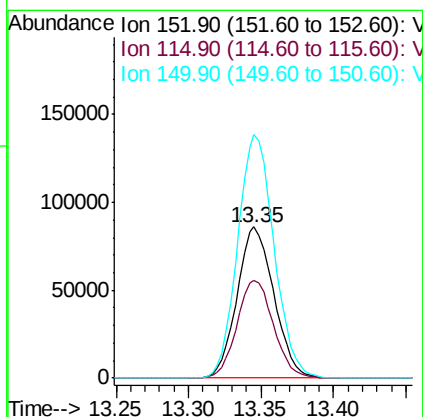
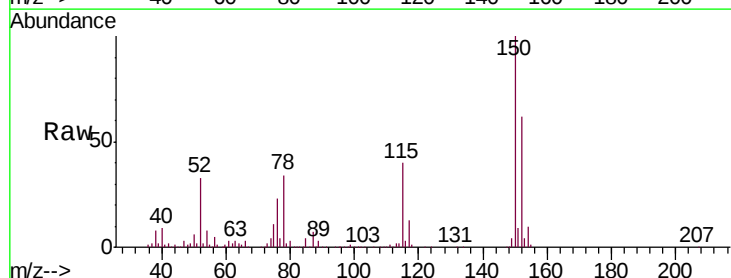
Instrument :
MSVOA_N
ClientSampleId :
T1-2-A(0)

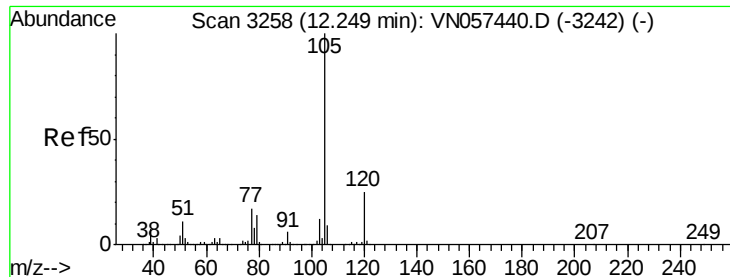
Tgt Ion:117 Resp: 680439
Ion Ratio Lower Upper
117 100
82 64.1 50.6 75.8
119 31.0 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057505.D
Acq: 26 Aug 2019 12:28

Tgt Ion:152 Resp: 152472
Ion Ratio Lower Upper
152 100
115 63.8 32.0 96.0
150 158.9 0.0 346.6





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3255

Delta R.T. -0.01 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

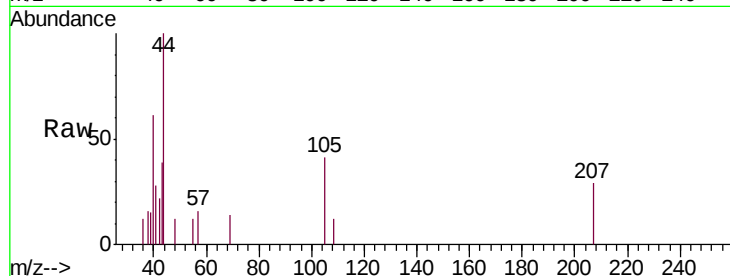
T1-2-A-(0)

Tgt Ion: 105 Resp: 687

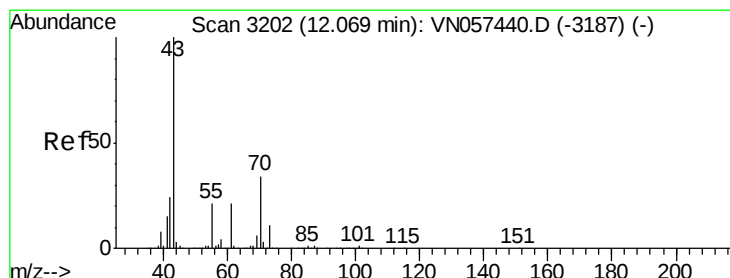
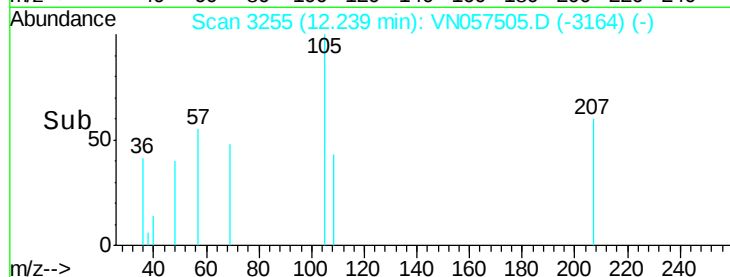
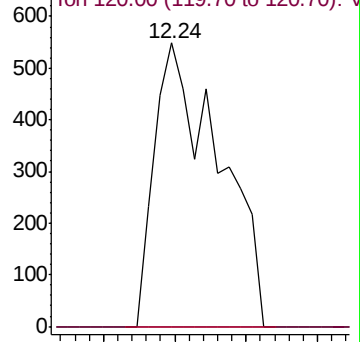
Ion Ratio Lower Upper

105 100

120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.04 min Scan# 3192

Delta R.T. -0.03 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Tgt Ion: 43 Resp: 6198

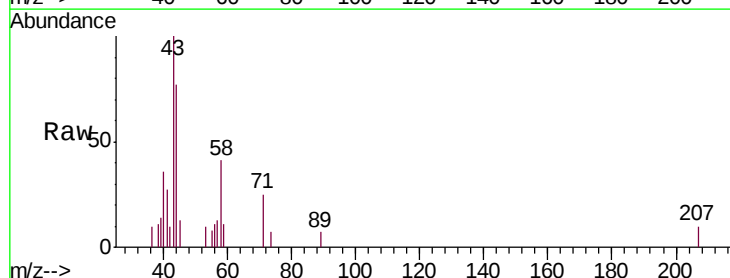
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 2.7 17.0 25.4#

61 0.0 17.0 25.6#

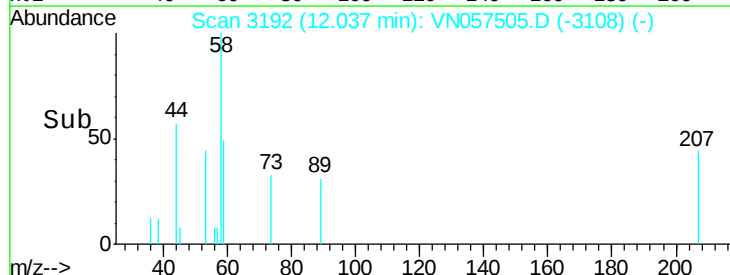
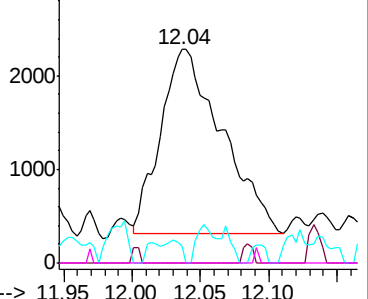


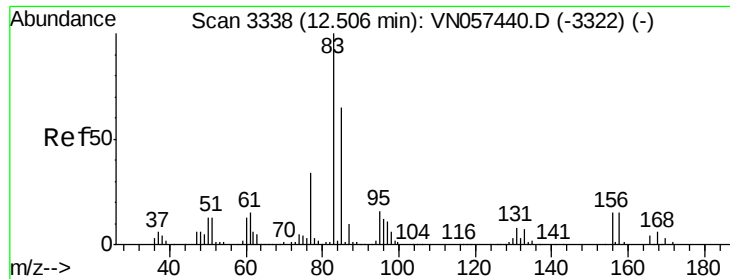
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.10 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampled :

T1-2-A-(0)

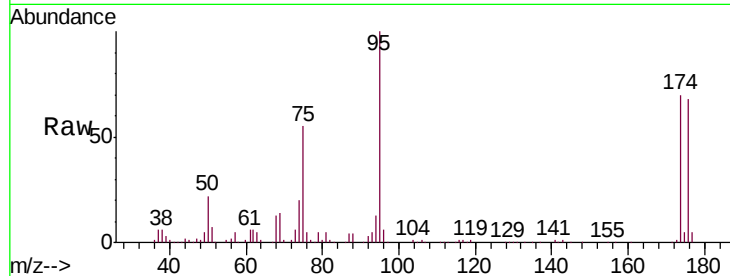
Tgt Ion: 83 Resp: 355

Ion Ratio Lower Upper

83 100

131 112.1 4.3 13.1#

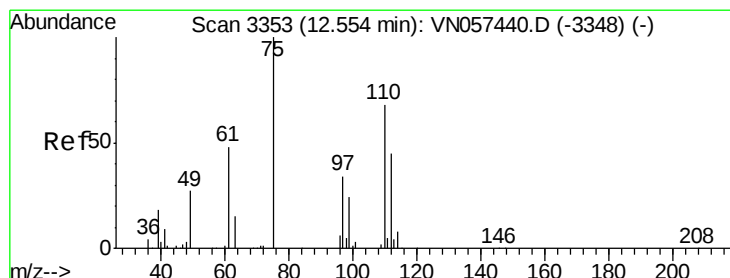
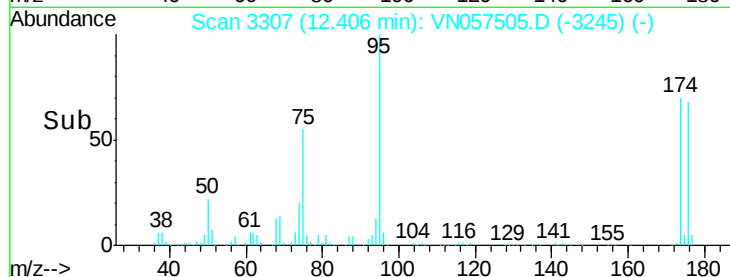
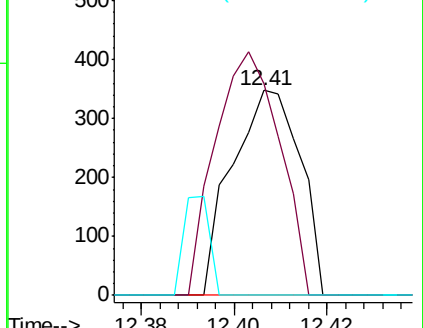
85 18.3 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 45.295 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057505.D

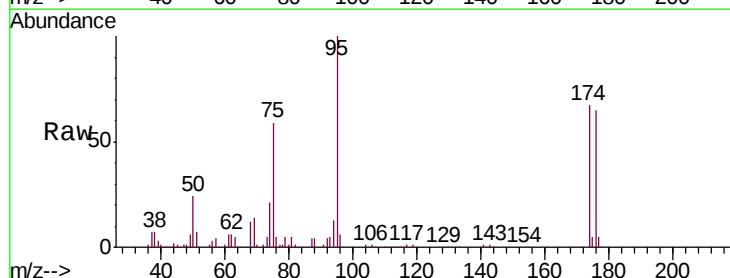
Acq: 26 Aug 2019 12:28

Tgt Ion: 75 Resp: 154050

Ion Ratio Lower Upper

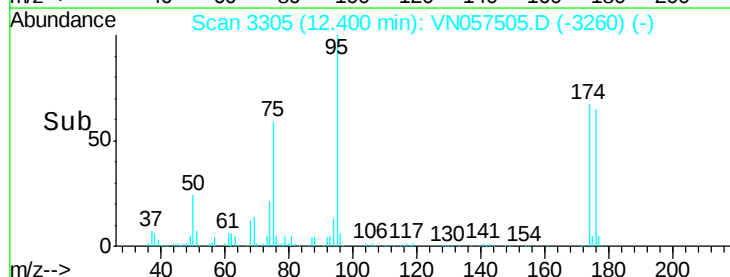
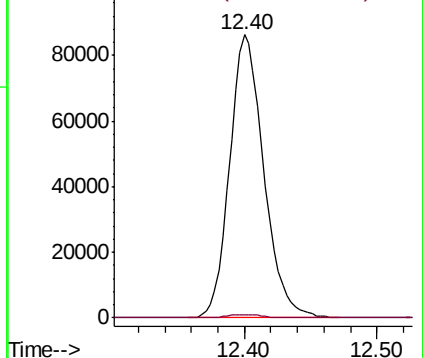
75 100

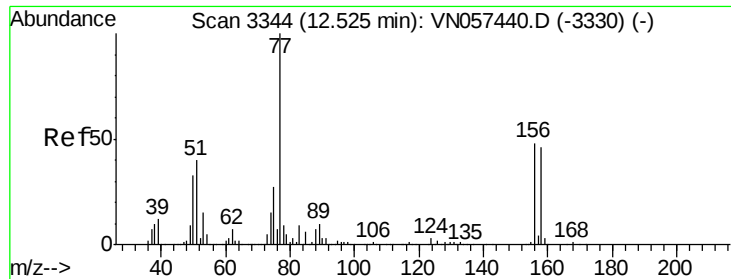
77 0.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

T1-2-A-(0)

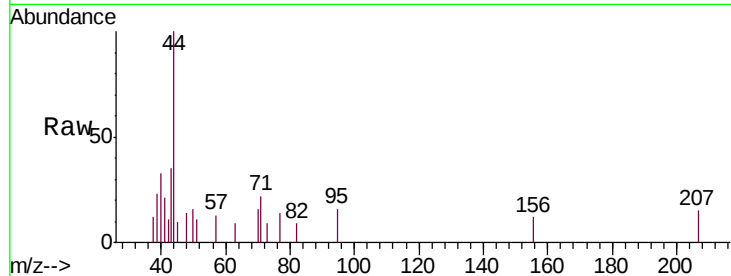
Tgt Ion:156 Resp: 148

Ion Ratio Lower Upper

156 100

77 110.8 124.4 373.3#

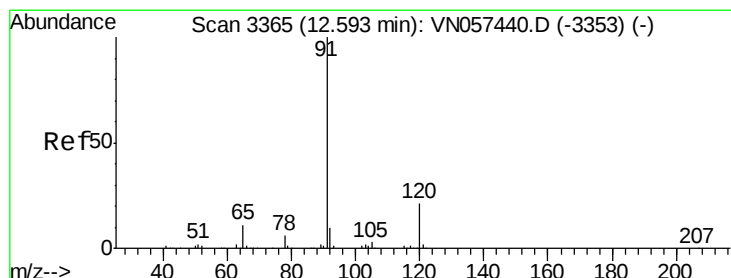
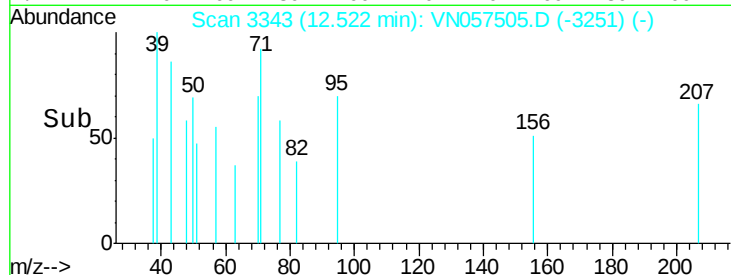
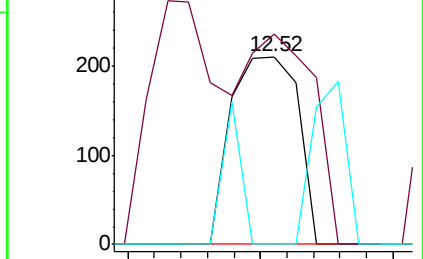
158 20.9 48.3 144.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN057505.D

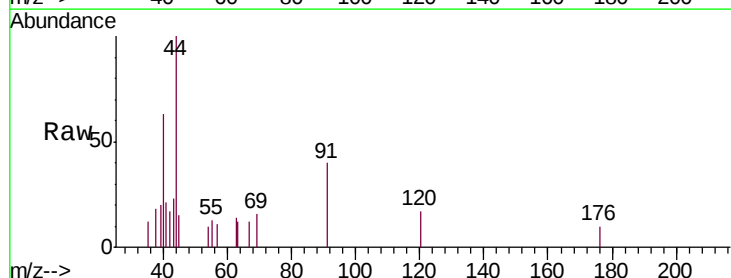
Acq: 26 Aug 2019 12:28

Tgt Ion: 91 Resp: 831

Ion Ratio Lower Upper

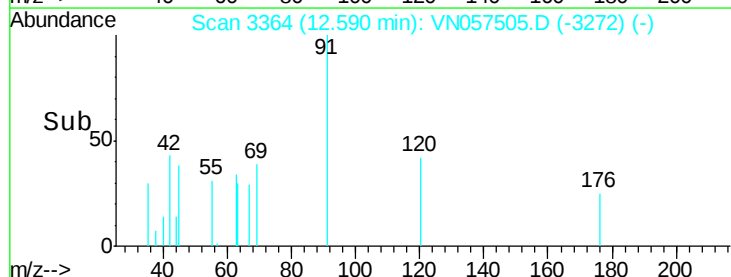
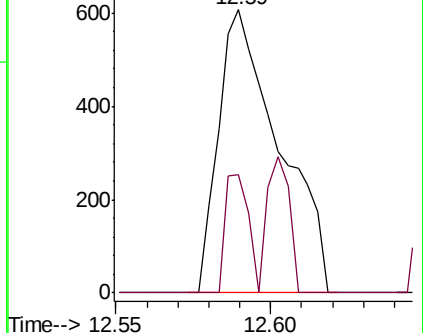
91 100

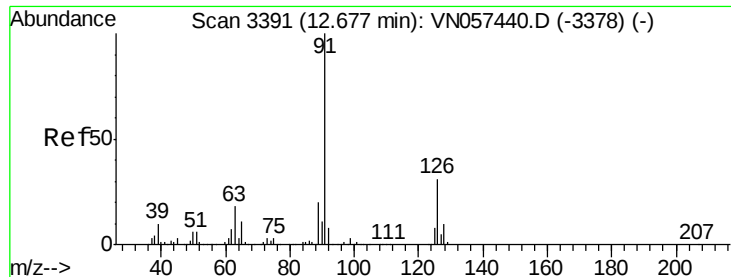
120 15.6 10.7 32.1



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: 12.67 min Scan# 3388

Delta R.T. -0.01 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

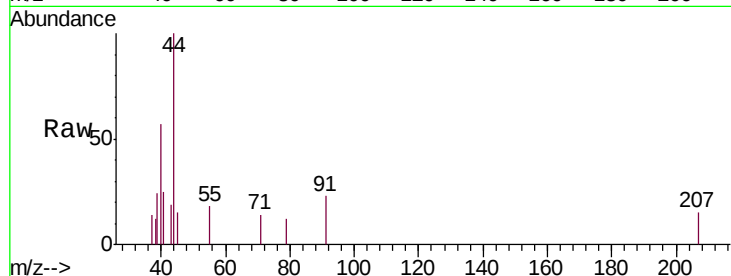
T1-2-A-(0)

Tgt Ion: 91 Resp: 197

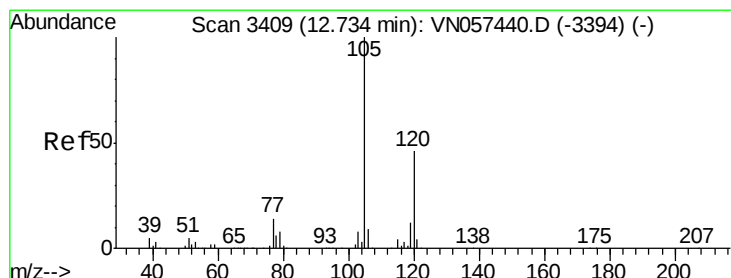
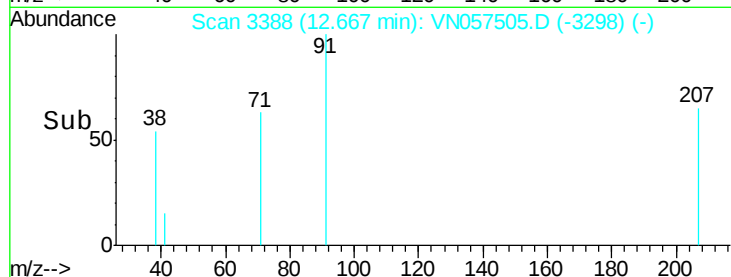
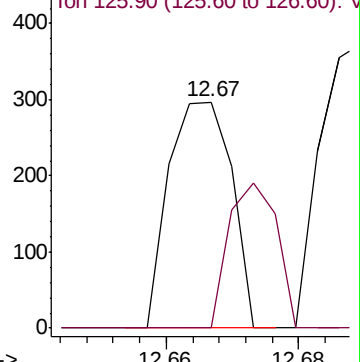
Ion Ratio Lower Upper

91 100

126 48.7 15.3 45.8#



Abundance Ion 91.00 (90.70 to 91.70): VN057505.D (-3298) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057505.D

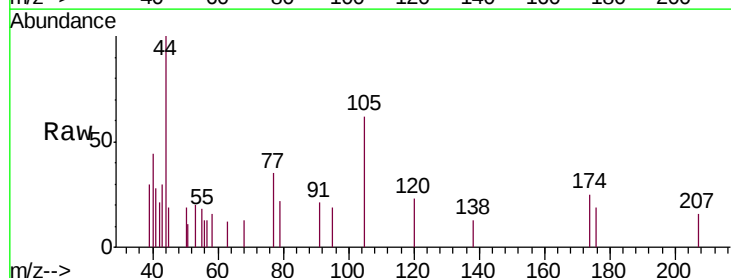
Acq: 26 Aug 2019 12:28

Tgt Ion: 105 Resp: 1547

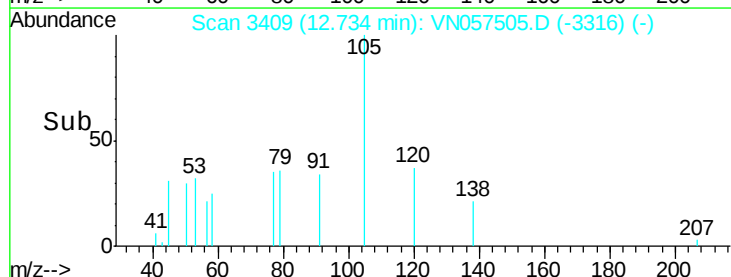
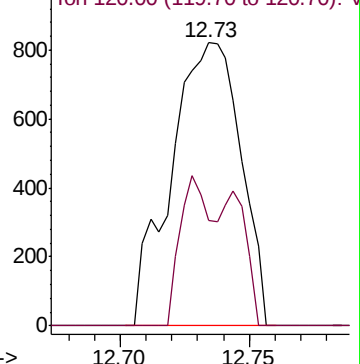
Ion Ratio Lower Upper

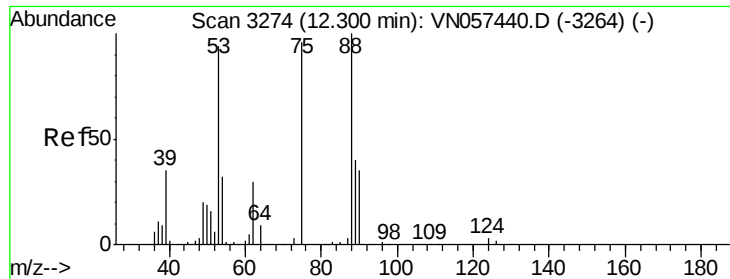
105 100

120 24.6 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): VN057505.D (-3316) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 116.062 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

T1-2-A-(0)

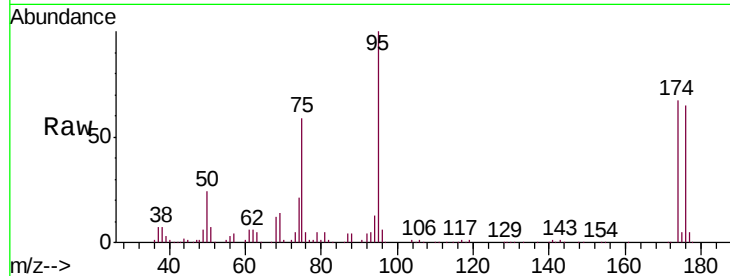
Tgt Ion: 75 Resp: 154050

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

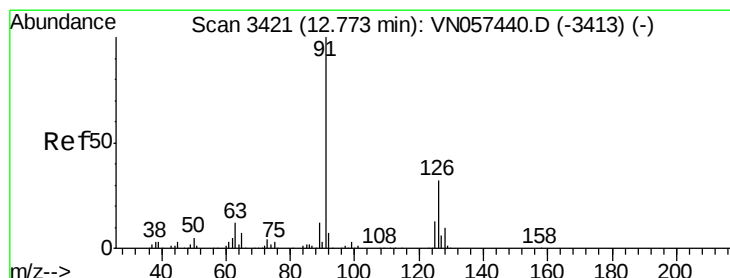
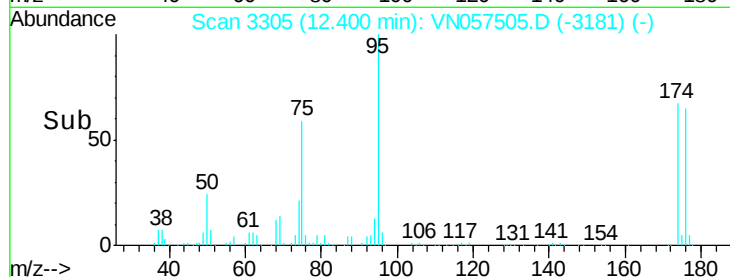
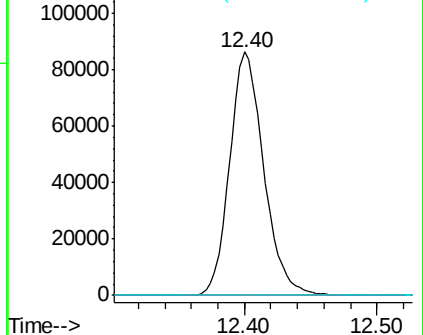
89 0.0 35.8 53.8#



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# 3424

Delta R.T. 0.01 min

Lab File: VN057505.D

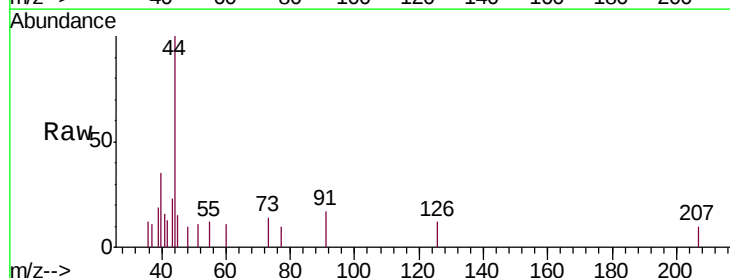
Acq: 26 Aug 2019 12:28

Tgt Ion: 91 Resp: 315

Ion Ratio Lower Upper

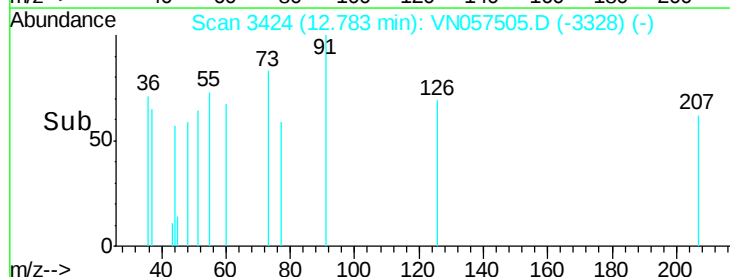
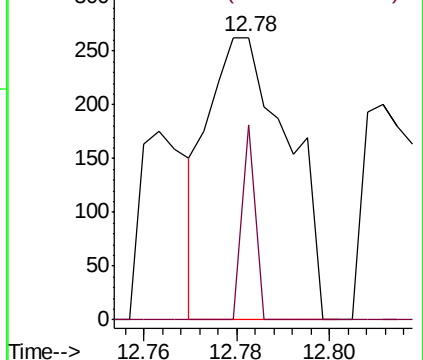
91 100

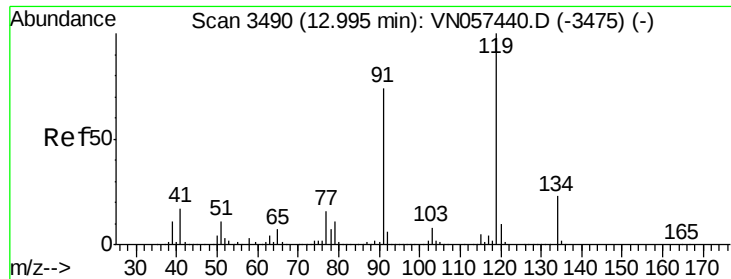
126 11.1 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

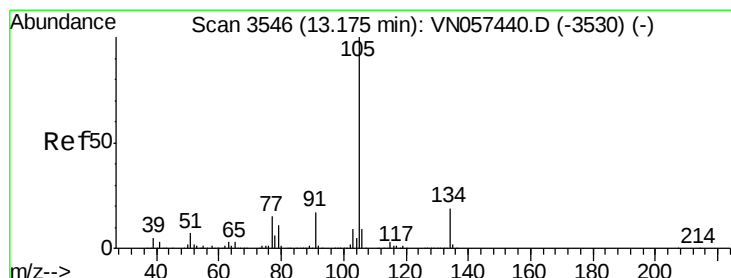
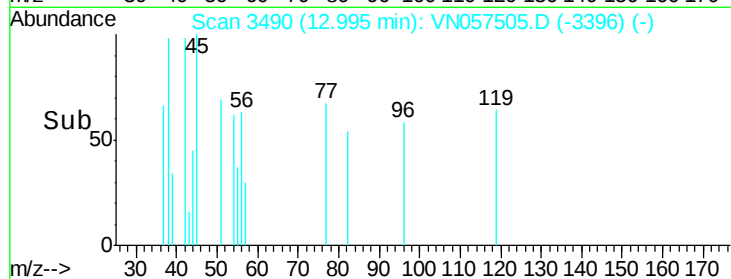
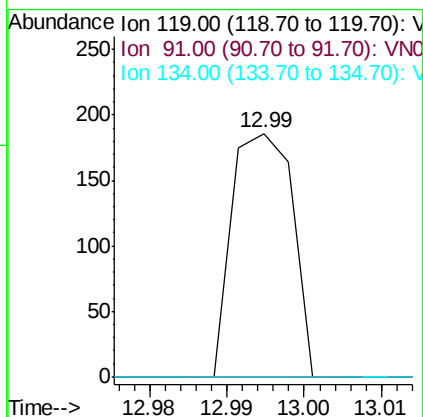
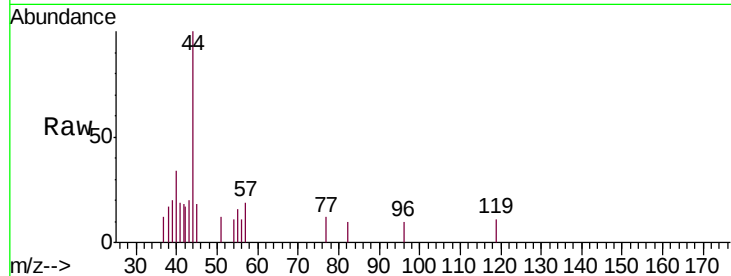




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057505.D
 Acq: 26 Aug 2019 12:28

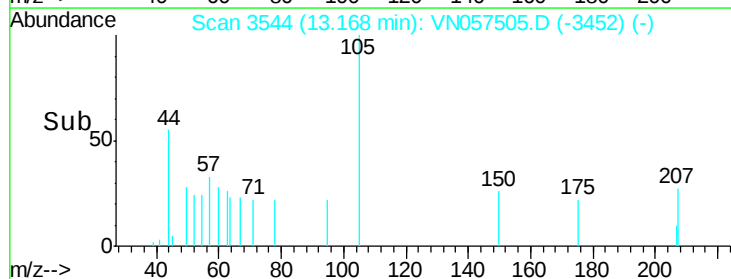
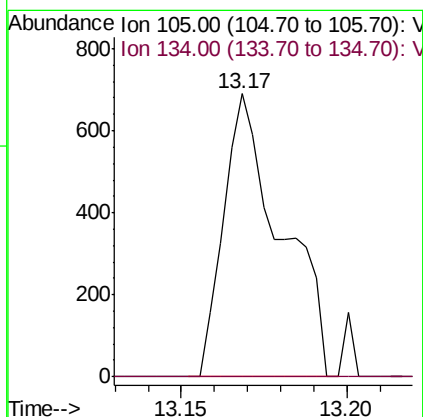
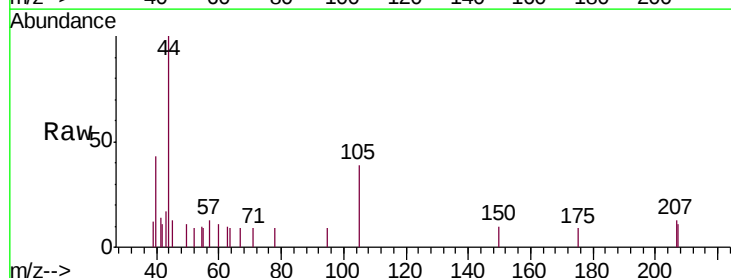
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-A-(0)

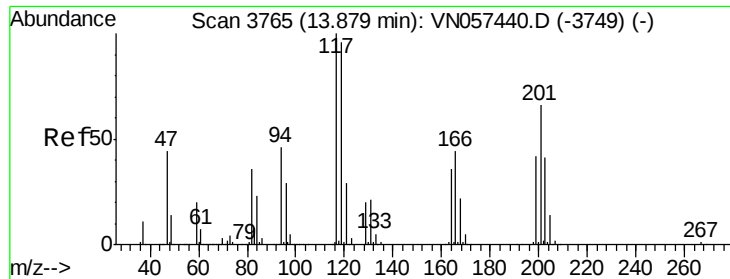
Tgt Ion	Ratio	Lower	Upper
119	100		
91	0.0	37.0	111.0#
134	0.0	12.2	36.6#



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.01 min
 Lab File: VN057505.D
 Acq: 26 Aug 2019 12:28

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





#90

Hexachloroethane

Concen: Below Cal

RT: 13.83 min Scan# 3749

Delta R.T. -0.05 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

Instrument :

MSVOA_N

ClientSampled :

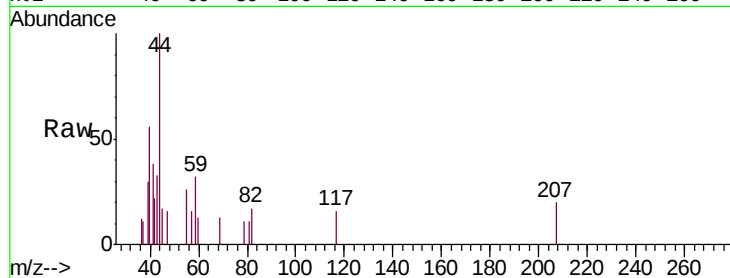
T1-2-A-(0)

Tgt Ion: 117 Resp: 85

Ion Ratio Lower Upper

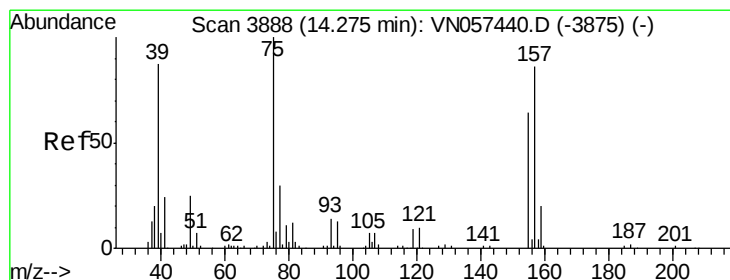
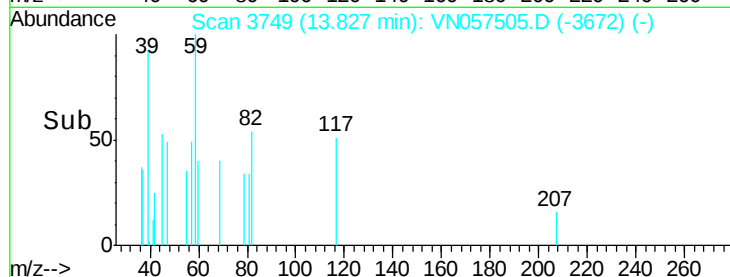
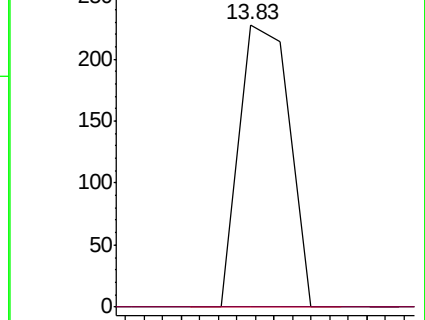
117 100

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: 14.40 min Scan# 3926

Delta R.T. 0.12 min

Lab File: VN057505.D

Acq: 26 Aug 2019 12:28

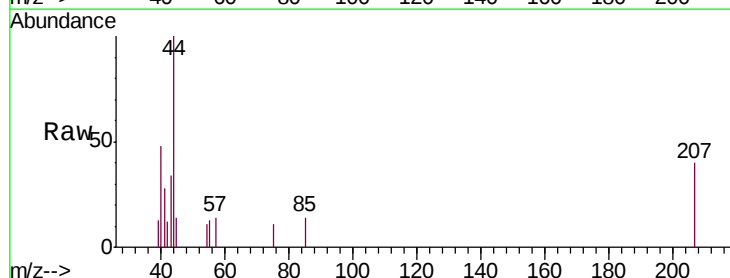
Tgt Ion: 75 Resp: 70

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

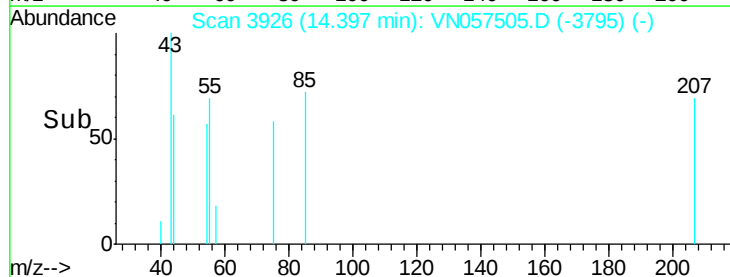
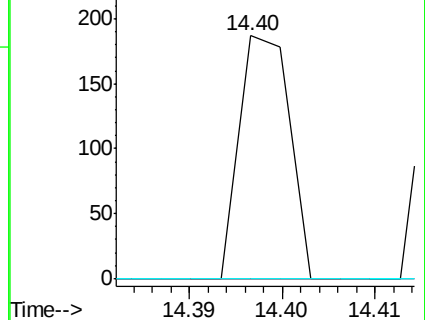
157 0.0 43.3 129.8#

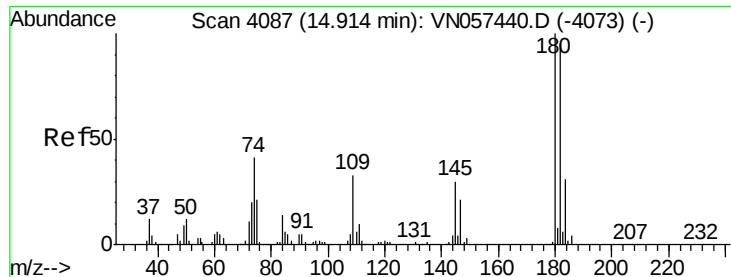


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

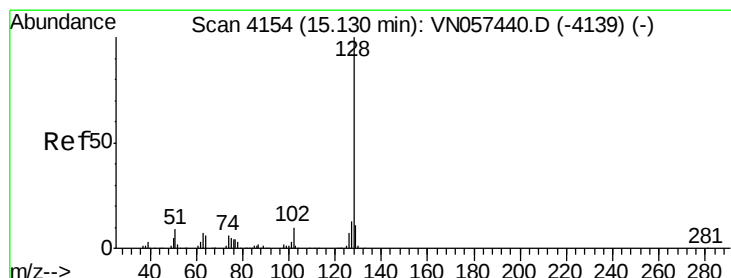
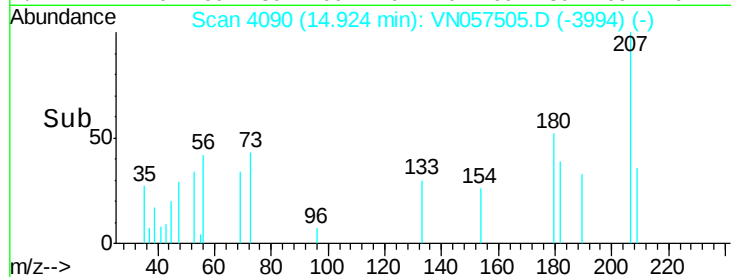
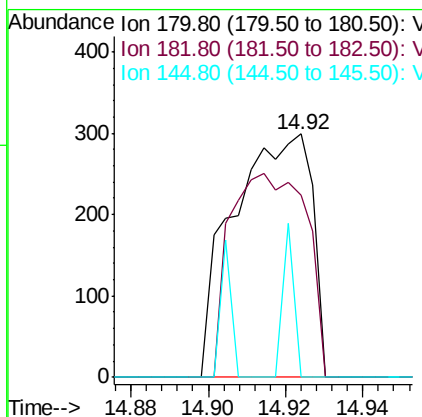
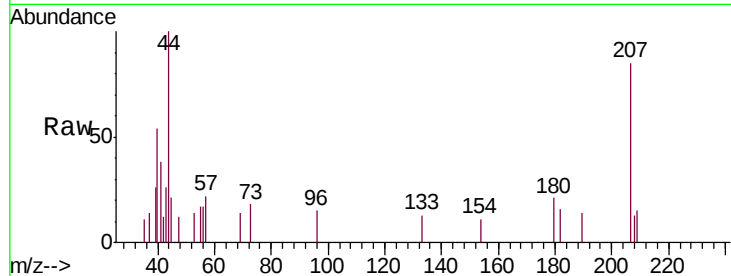




#93
 1,2,4-Trichlorobenzene
 Concen: 5.570 ug/l
 RT: 14.92 min Scan# 4090
 Delta R.T. 0.01 min
 Lab File: VN057505.D
 Acq: 26 Aug 2019 12:28

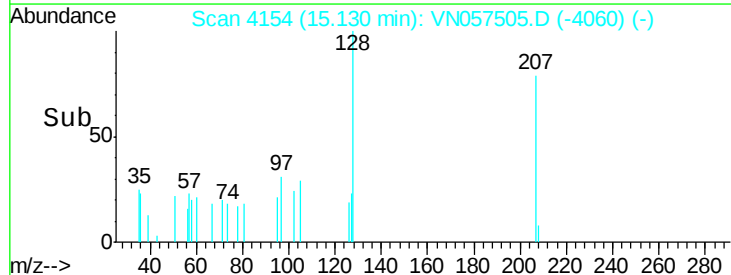
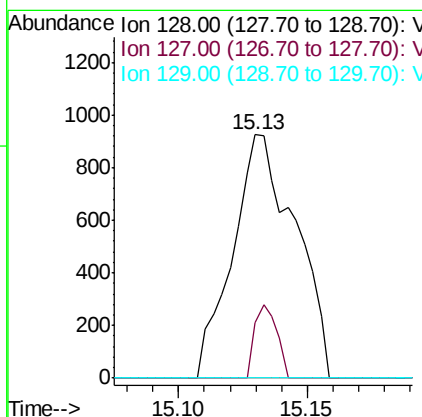
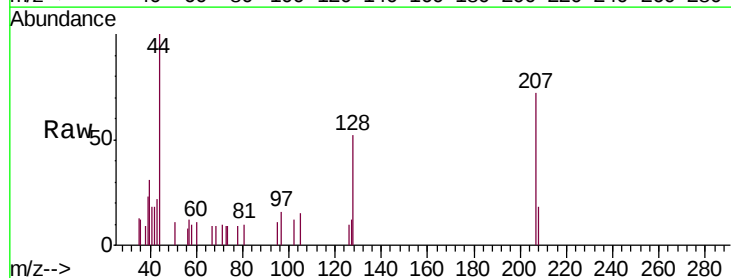
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-A-(0)

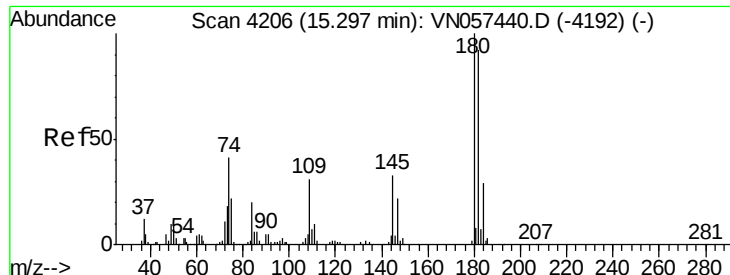
Tgt Ion:180 Resp: 423
 Ion Ratio Lower Upper
 180 100
 182 81.1 46.7 140.1
 145 8.5 15.6 46.8#



#95
 Naphthalene
 Concen: 4.576 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN057505.D
 Acq: 26 Aug 2019 12:28

Tgt Ion:128 Resp: 1572
 Ion Ratio Lower Upper
 128 100
 127 10.8 10.5 15.7
 129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 5.381 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. 0.01 min
 Lab File: VN057505.D
 Acq: 26 Aug 2019 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-A-(0)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	69.0	46.7	140.1
145	0.0	16.8	50.3#

