

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057525.D
 Acq On : 26 Aug 2019 21:38
 Operator : JC/SP
 Sample : K4493-28
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-I-(1.9)

Quant Time: Aug 27 07:18:41 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	392776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	695107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	610934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	143907	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	330860	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	7.57	113	217662	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
50) Toluene-d8	10.08	98	940126	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
62) 4-Bromofluorobenzene	12.40	95	249961	41.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.39	74	1644	Below Cal		66
9) 1,1,2-Trichlorotrifluoroet	3.73	101	30	Below Cal	#	1
16) Acetone	3.80	43	944041	297.516	ug/l	100
18) Methyl Acetate	4.31	43	21825	2.277	ug/l #	90
20) Methylene Chloride	4.52	84	11599	2.394	ug/l	97
25) 2-Butanone	6.82	43	776	0.225	ug/l #	53
29) Tetrahydrofuran	7.20	42	599	0.264	ug/l #	71
31) Cyclohexane	7.65	56	13326	1.373	ug/l #	26
36) 1,1-Dichloropropene	7.65	75	39707	5.590	ug/l #	49
38) Carbon Tetrachloride	7.65	117	44362	6.287	ug/l #	16
43) Isopropyl Acetate	8.16	43	93337	7.253	ug/l	99
46) Dibromomethane	9.37	93	64	Below Cal	#	10
48) Methyl methacrylate	9.17	41	6045	0.988	ug/l #	17
49) 1,4-Dioxane	9.26	88	61	0.771	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	7098	0.990	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	41756	4.520	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	5802	0.671	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.54	63	61	17.091	ug/l #	52
59) 2-Hexanone	10.76	43	92977	18.901	ug/l #	54
73) Isopropylbenzene	12.26	105	108	Below Cal	#	50
74) N-amyl acetate	12.03	43	4583	Below Cal	#	58
75) 1,1,2,2-Tetrachloroethane	12.44	83	69	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	143840	44.767	ug/l #	100
78) n-propylbenzene	12.60	91	446	Below Cal	#	55
79) 2-Chlorotoluene	12.77	91	255	Below Cal		87
80) 1,3,5-Trimethylbenzene	12.73	105	624	Below Cal	#	61
81) trans-1,4-Dichloro-2-buten	12.40	75	143840	114.786	ug/l #	9
82) 4-Chlorotoluene	12.77	91	255	Below Cal		88
83) tert-Butylbenzene	13.05	119	36	Below Cal	#	22
85) sec-Butylbenzene	13.17	105	129	Below Cal	#	24
90) Hexachloroethane	13.92	117	30	Below Cal	#	17
92) 1,2-Dibromo-3-Chloropropan	14.23	75	67	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.92	180	29	5.386	ug/l #	1
95) Naphthalene	15.13	128	610	4.437	ug/l #	84

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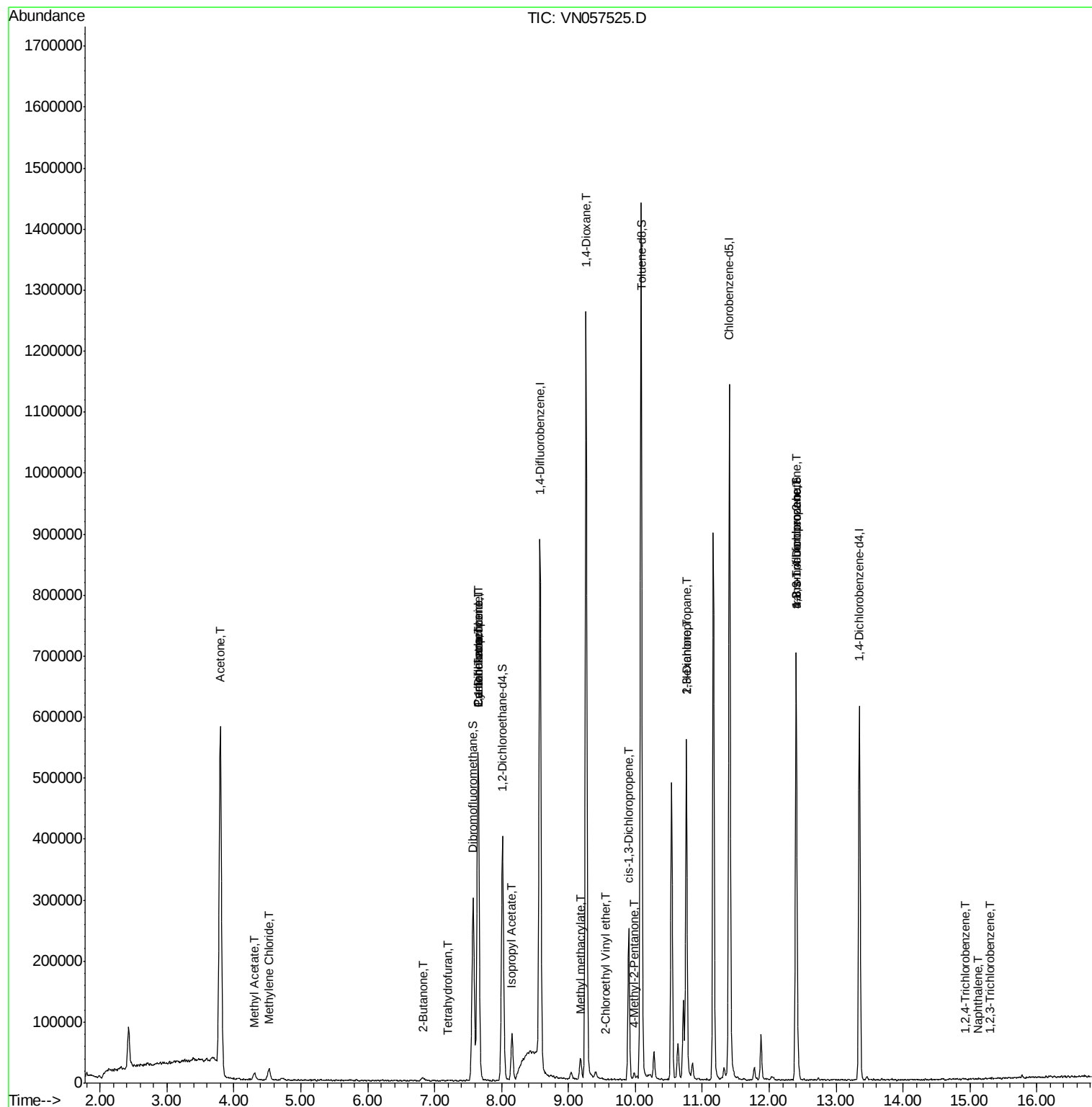
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	157	5.194	ug/l #	66

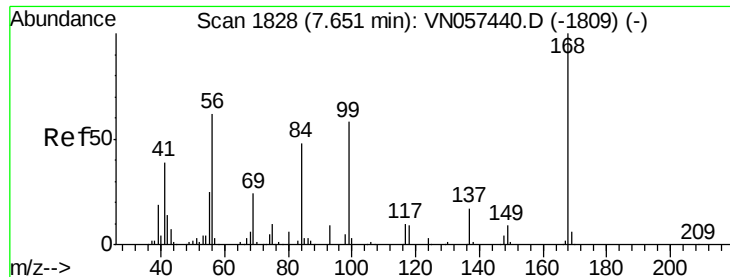
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN057525.D

Acq: 26 Aug 2019 21:38

Instrument :

MSVOA_N

ClientSampled :

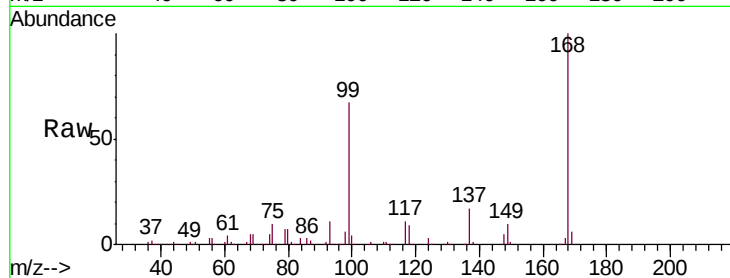
T9-12-13-I-(1.9)

Tgt Ion:168 Resp: 392776

Ion Ratio Lower Upper

168 100

99 66.9 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

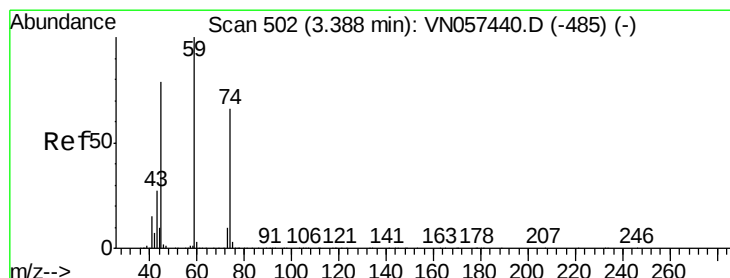
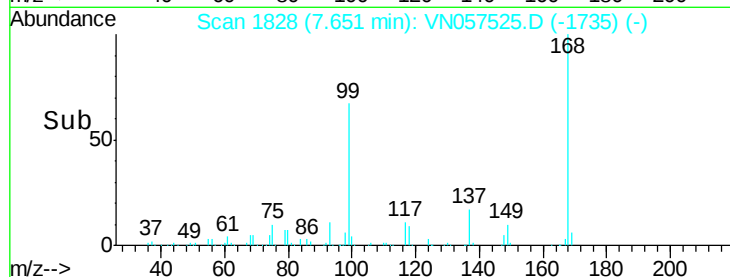
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 3.39 min Scan# 503

Delta R.T. 0.00 min

Lab File: VN057525.D

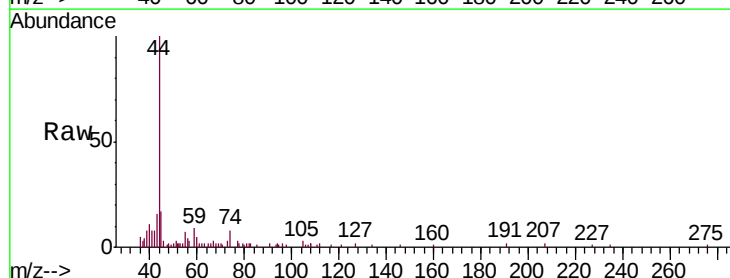
Acq: 26 Aug 2019 21:38

Tgt Ion: 74 Resp: 1644

Ion Ratio Lower Upper

74 100

45 78.8 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN057440.D (-485) (-)

Ion 45.00 (44.70 to 45.70): VN057440.D (-485) (-)

3.39

2500

2000

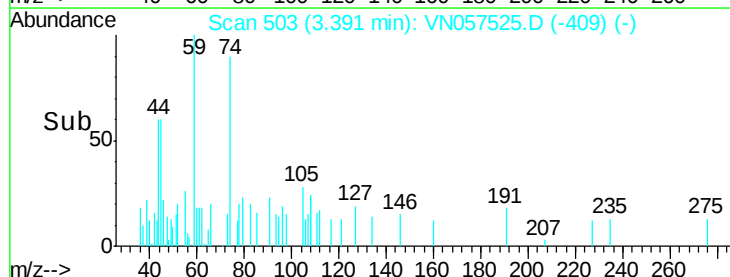
1500

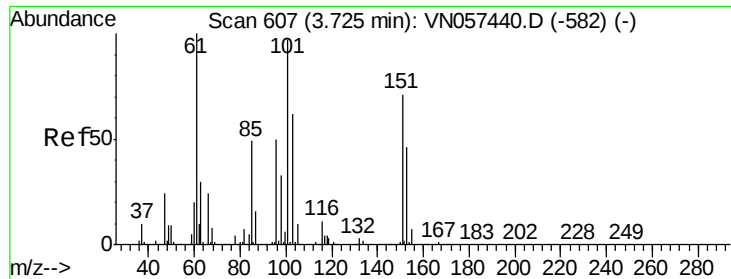
1000

500

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.73 min Scan# 610

Delta R.T. 0.01 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

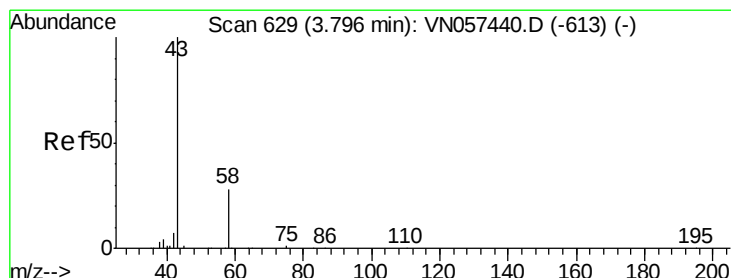
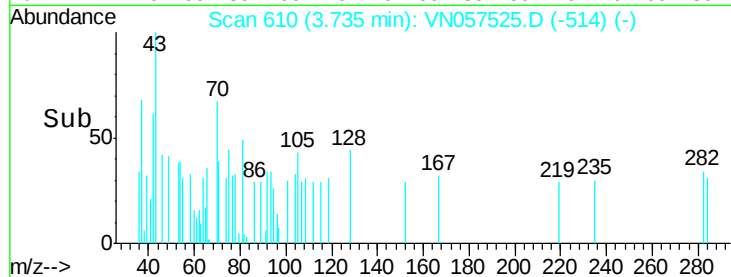
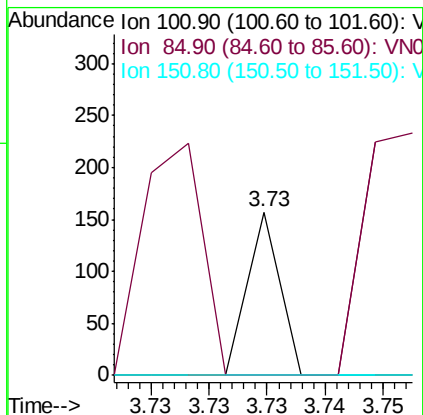
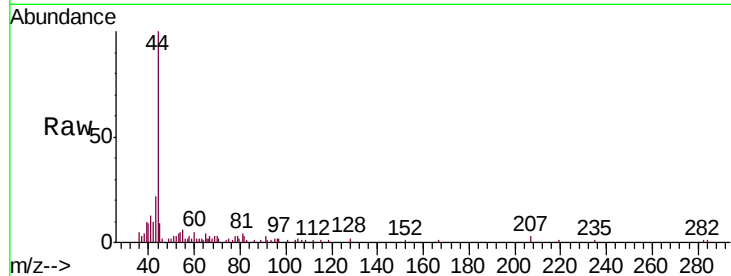
Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-I-(1.9)

Tgt Ion:	101	Resp:	30
Ion	Ratio	Lower	Upper
101	100		
85	270.0	40.0	60.0#
151	0.0	57.0	85.6#



#16

Acetone

Concen: 297.516 ug/l

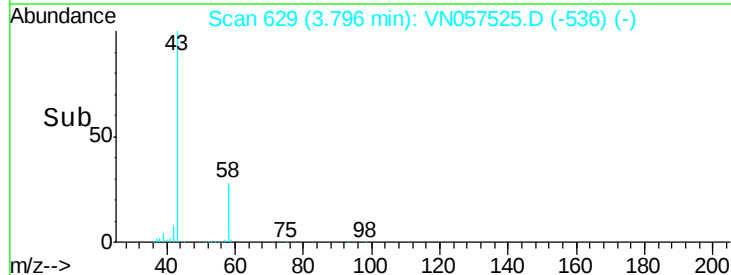
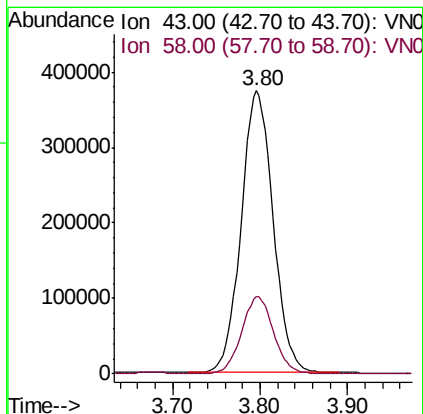
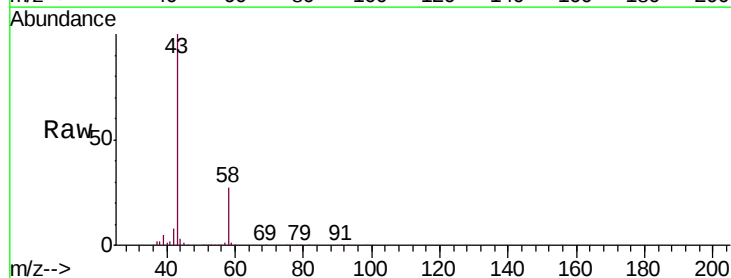
RT: 3.80 min Scan# 629

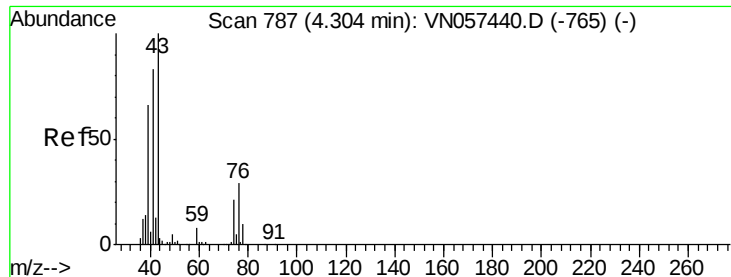
Delta R.T. -0.00 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

Tgt Ion:	43	Resp:	944041
Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.1	33.1

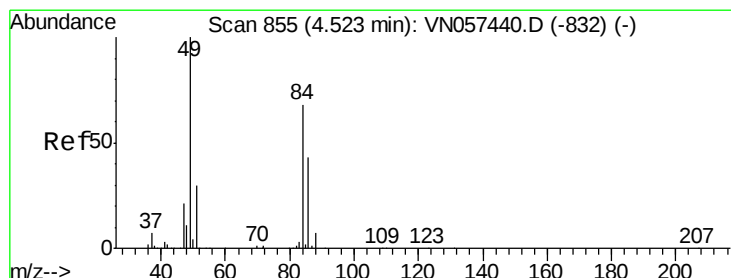
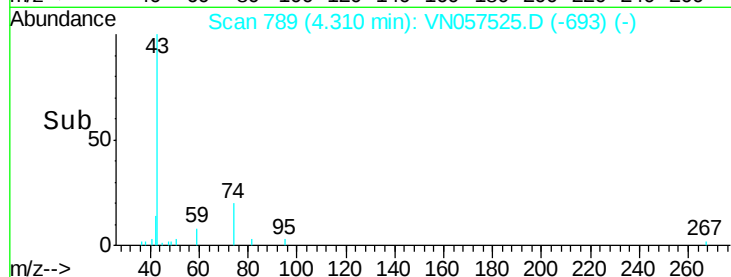
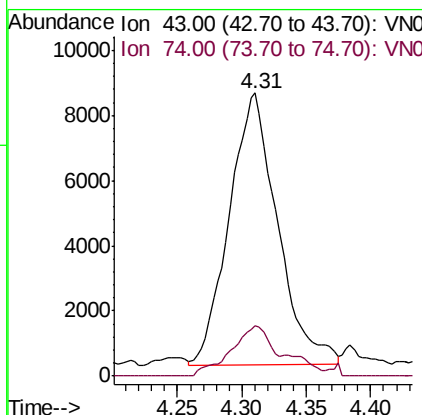
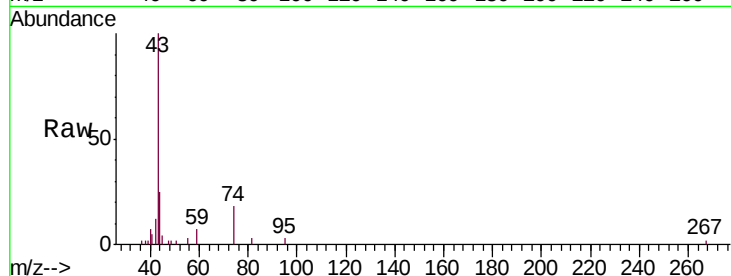




#18
Methyl Acetate
Concen: 2.277 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN057525.D
Acq: 26 Aug 2019 21:38

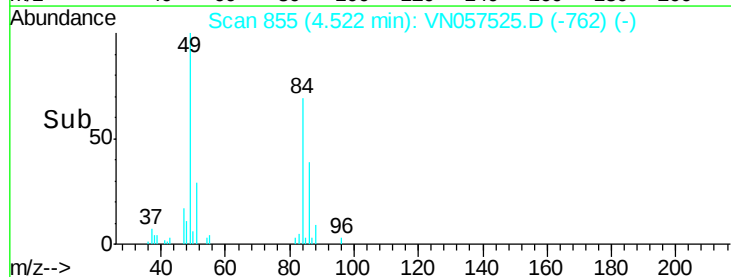
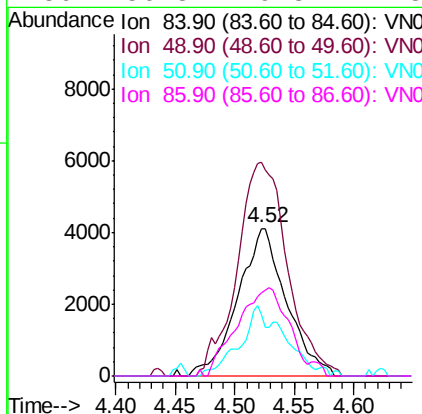
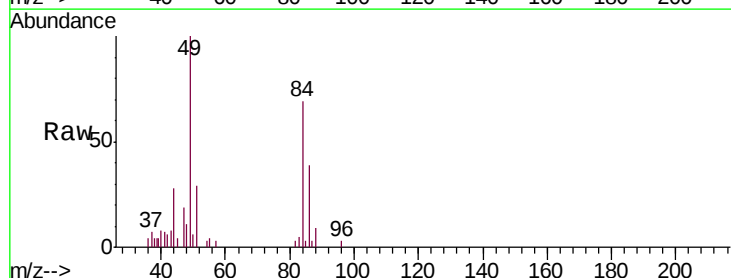
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-I-(1.9)

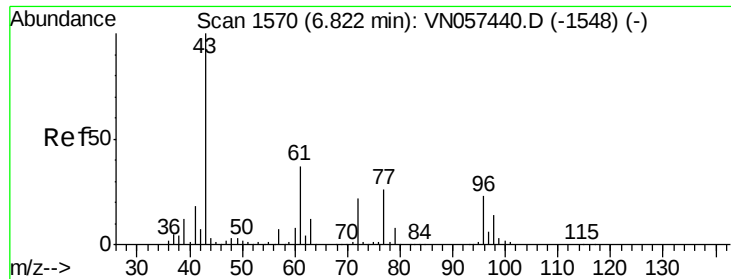
Tgt Ion: 43 Resp: 21825
Ion Ratio Lower Upper
43 100
74 15.3 15.9 23.9#



#20
Methylene Chloride
Concen: 2.394 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN057525.D
Acq: 26 Aug 2019 21:38

Tgt Ion: 84 Resp: 11599
Ion Ratio Lower Upper
84 100
49 144.6 117.0 175.4
51 41.4 35.5 53.3
86 56.8 49.8 74.8





#25

2-Butanone

Concen: 0.225 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

Instrument :

MSVOA_N

ClientSampled :

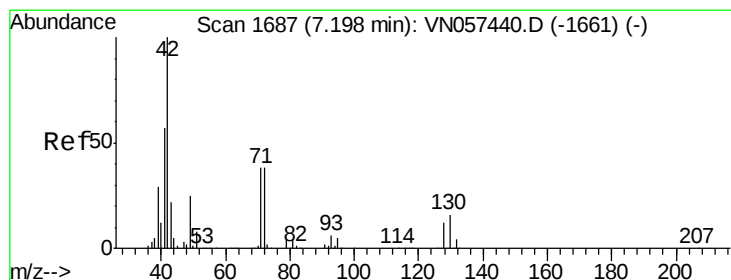
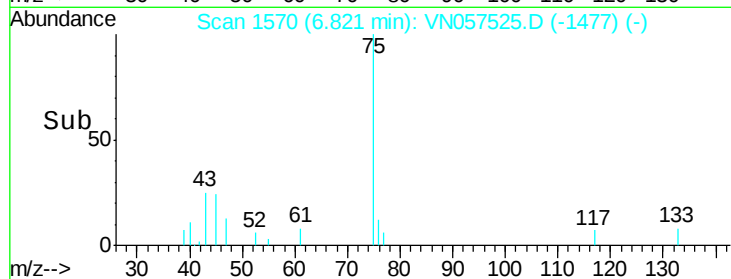
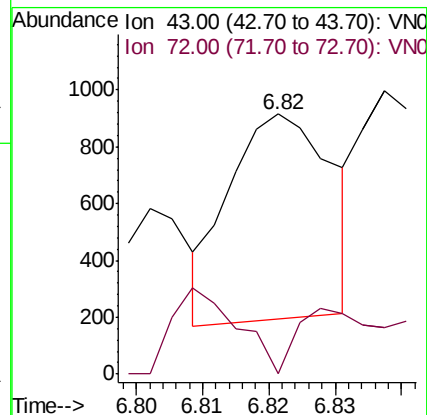
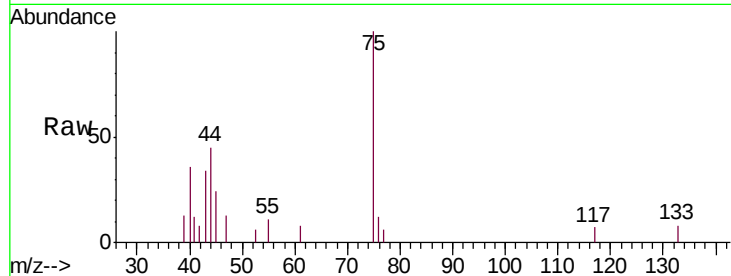
T9-12-13-I-(1.9)

Tgt Ion: 43 Resp: 776

Ion Ratio Lower Upper

43 100

72 0.0 17.8 26.8#



#29

Tetrahydrofuran

Concen: 0.264 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

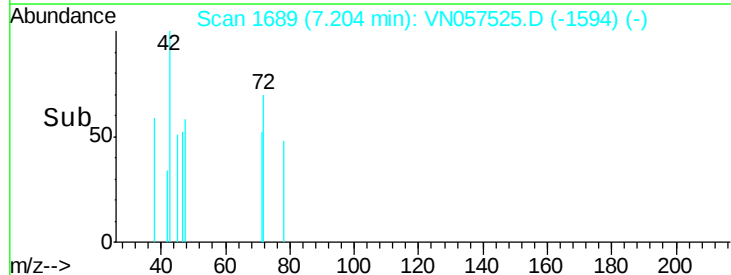
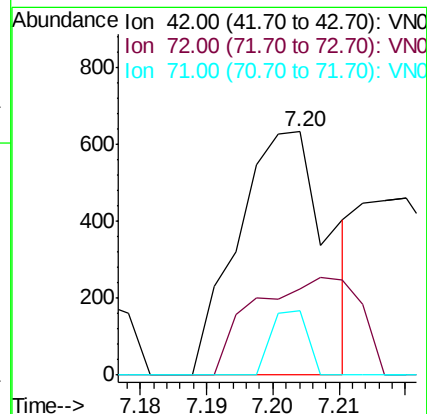
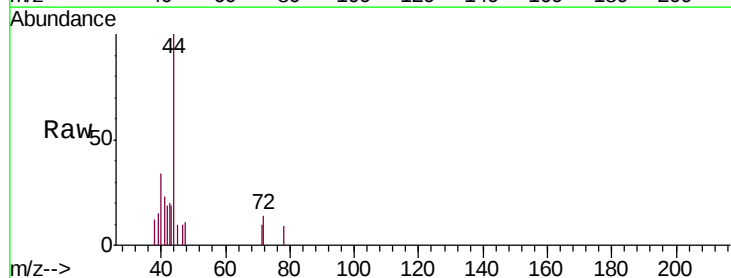
Tgt Ion: 42 Resp: 599

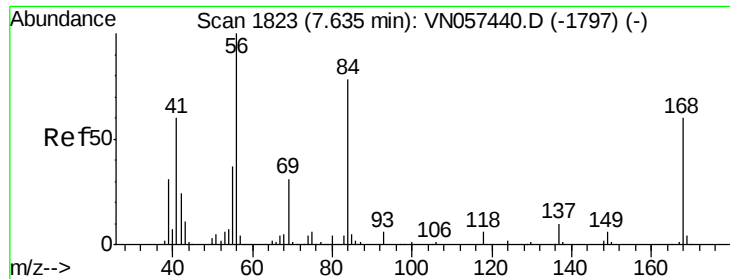
Ion Ratio Lower Upper

42 100

72 47.1 30.1 45.1#

71 10.5 28.8 43.2#

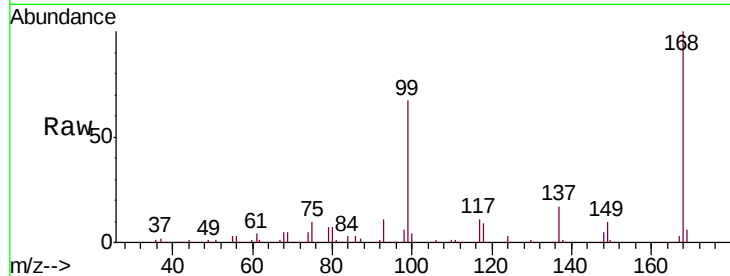




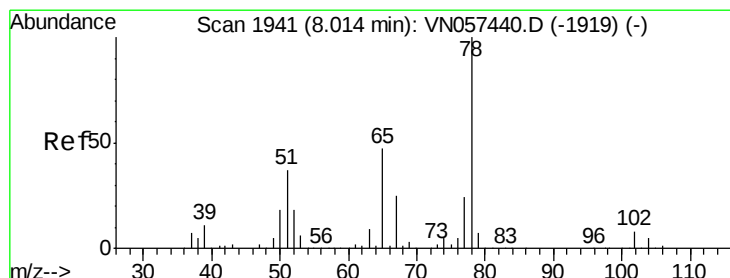
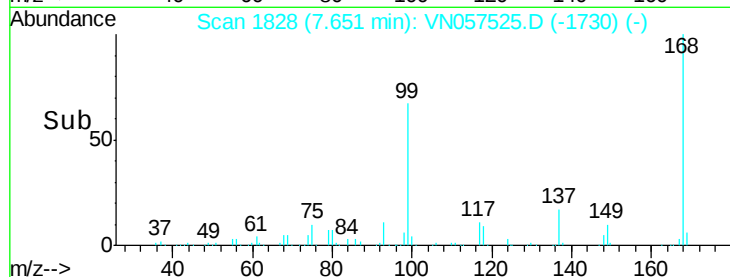
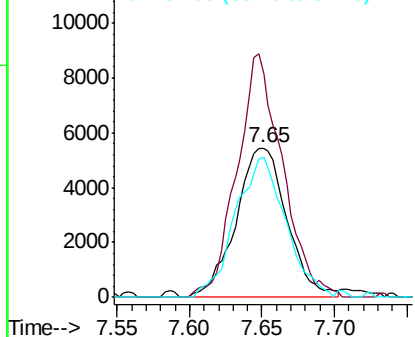
#31
Cyclohexane
Concen: 1.373 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN057525.D
Acq: 26 Aug 2019 21:38

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T9-12-13-I-(1.9)

Tgt Ion: 56 Resp: 13326
Ion Ratio Lower Upper
56 100
69 149.7 25.0 37.6#
84 93.8 62.5 93.7#

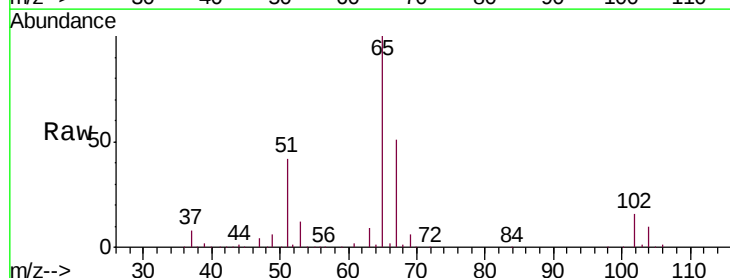


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

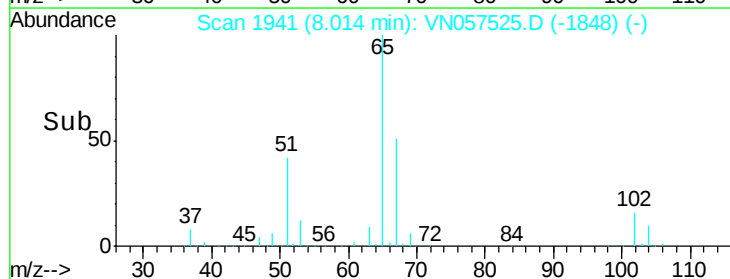
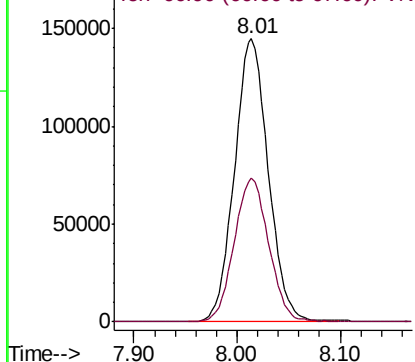


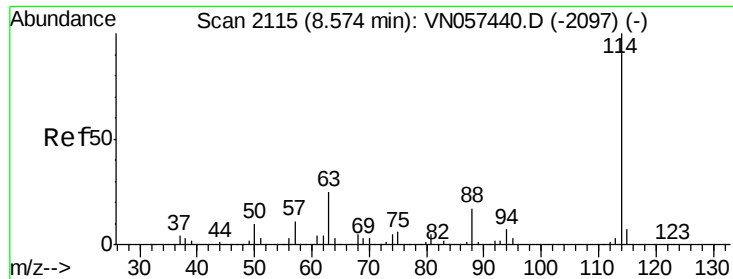
#33
1,2-Dichloroethane-d4
Concen: 47.885 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057525.D
Acq: 26 Aug 2019 21:38

Tgt Ion: 65 Resp: 330860
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8



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

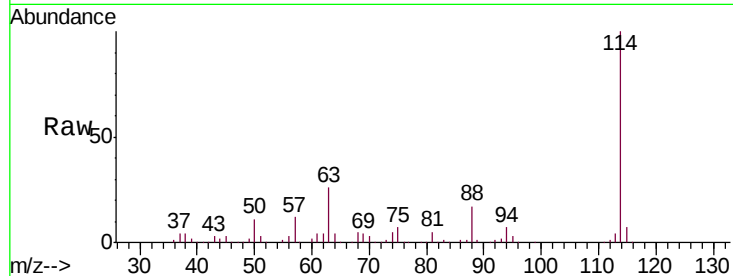




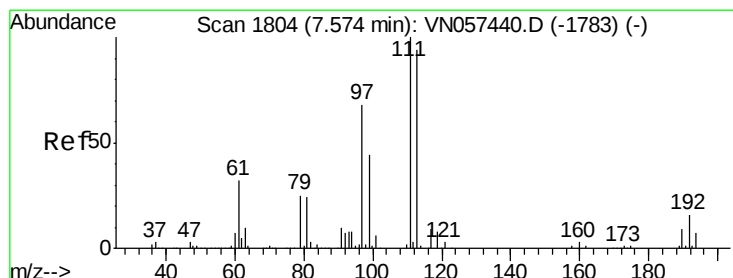
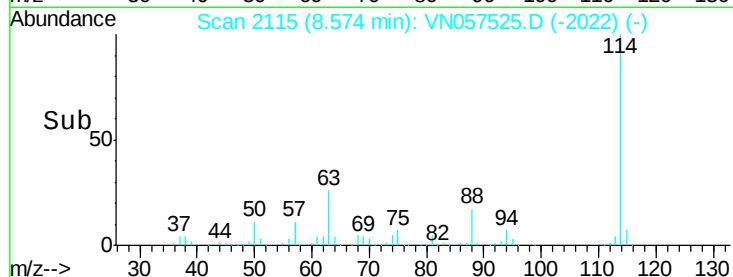
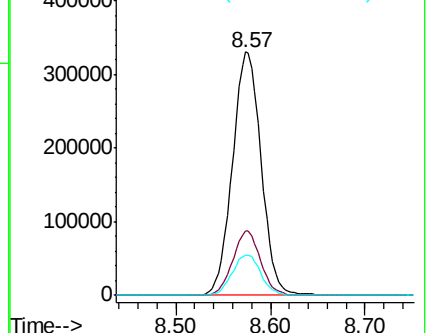
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057525.D
 Acq: 26 Aug 2019 21:38

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-I-(1.9)

Tgt Ion:114 Resp: 695107
 Ion Ratio Lower Upper
 114 100
 63 26.4 0.0 50.2
 88 16.7 0.0 34.6

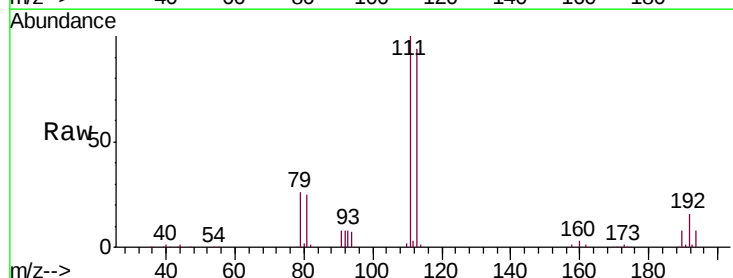


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

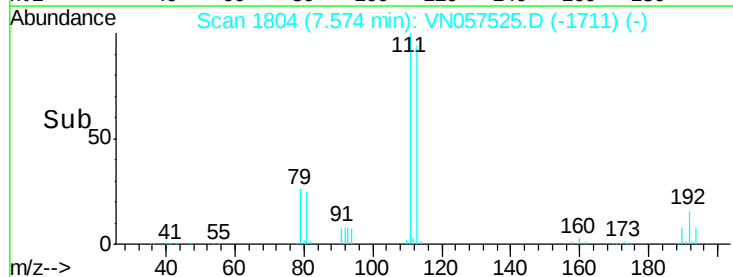
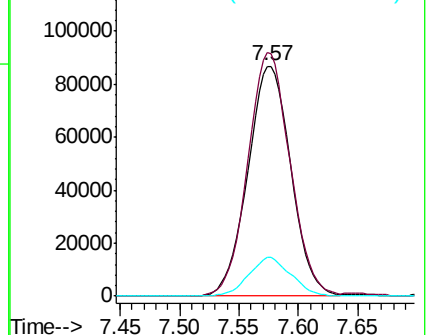


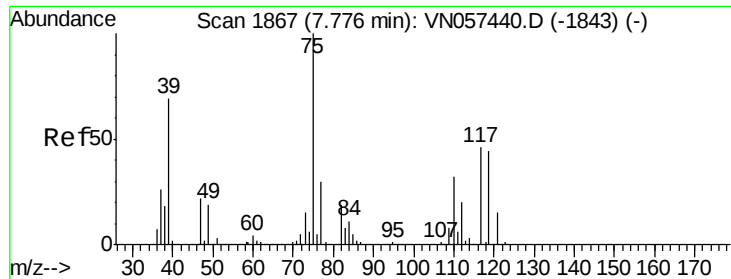
#35
 Dibromofluoromethane
 Concen: 46.359 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057525.D
 Acq: 26 Aug 2019 21:38

Tgt Ion:113 Resp: 217662
 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: 5.590 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.13 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

Instrument :

MSVOA_N

ClientSampled :

T9-12-13-I(1.9)

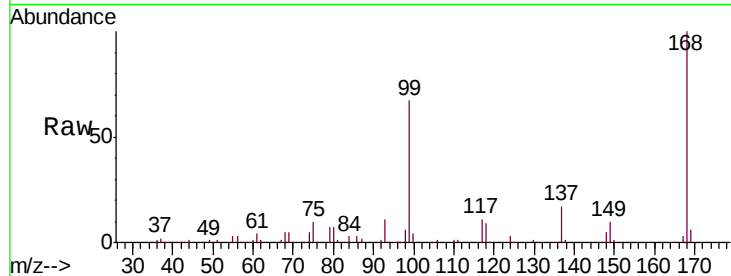
Tgt Ion: 75 Resp: 39707

Ion Ratio Lower Upper

75 100

110 6.3 16.1 48.3#

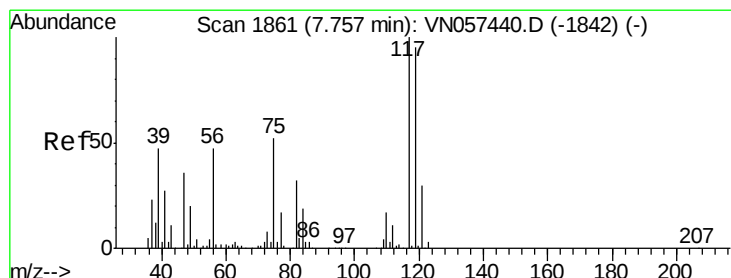
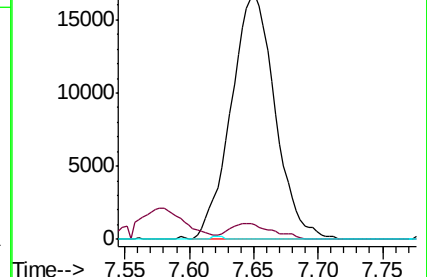
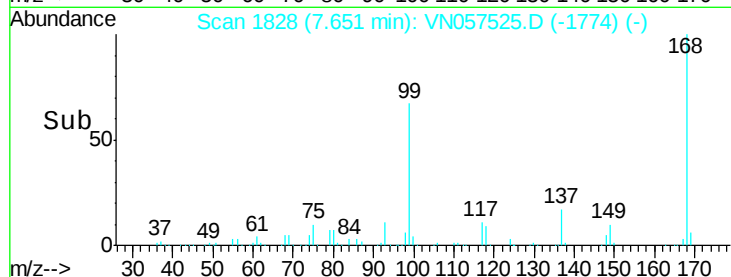
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0



#38

Carbon Tetrachloride

Concen: 6.287 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

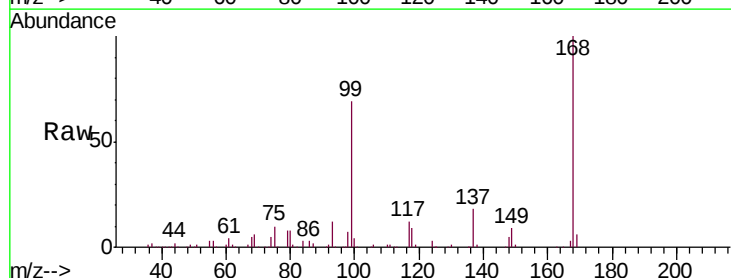
Tgt Ion: 117 Resp: 44362

Ion Ratio Lower Upper

117 100

119 4.5 76.2 114.4#

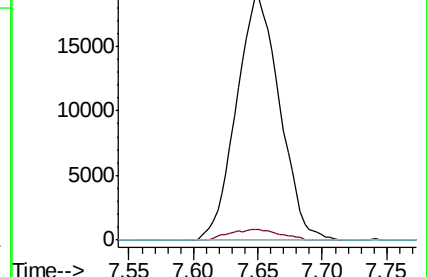
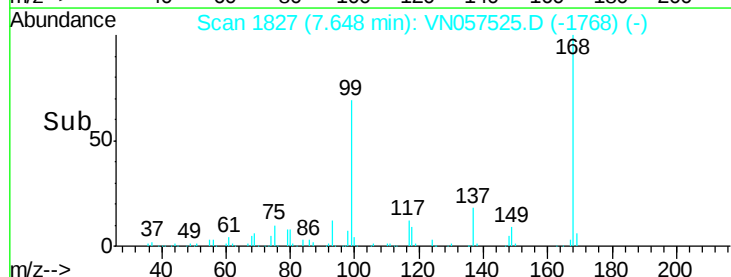
121 0.0 23.8 35.6#

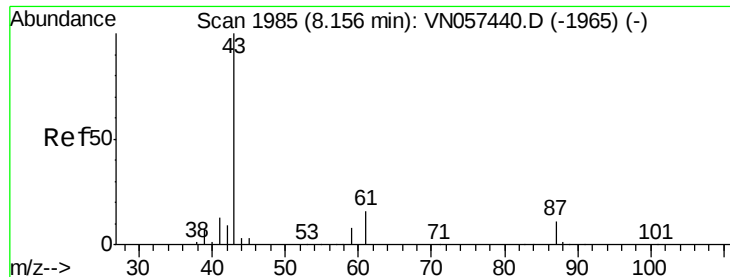


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 7.253 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

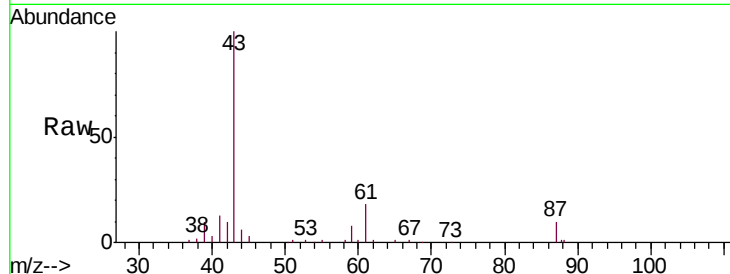
Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-I-(1.9)

Tgt Ion:	43	Resp:	93337
Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.5	21.7
87	10.5	8.6	12.8

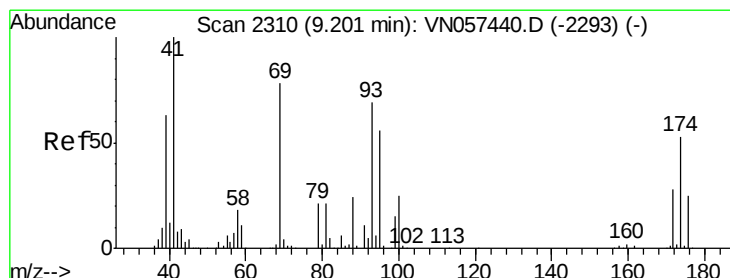
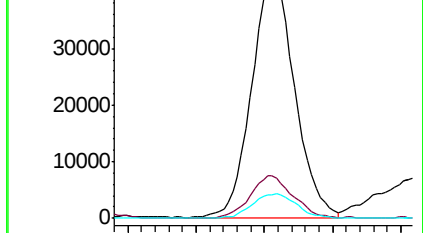
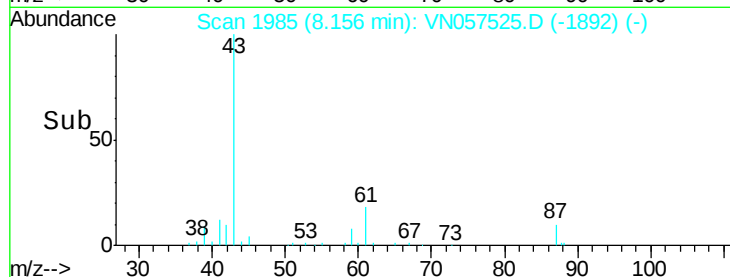


Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-1965) (-)

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

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

Time-->



#46

Dibromomethane

Concen: Below Cal

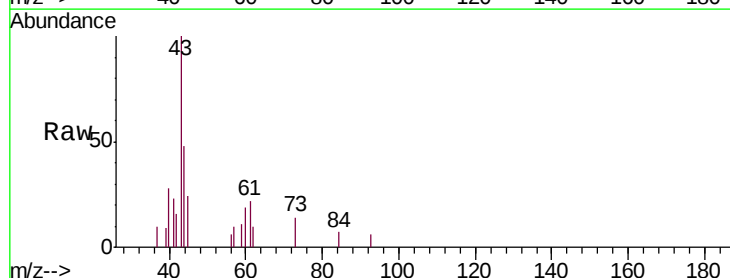
RT: 9.37 min Scan# 2363

Delta R.T. 0.17 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

Tgt Ion:	93	Resp:	64
Ion	Ratio	Lower	Upper
93	100		
95	0.0	64.7	97.1#
174	0.0	62.3	93.5#

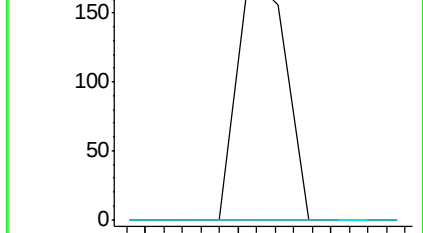
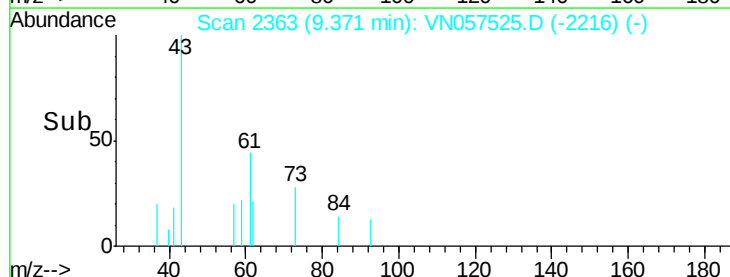


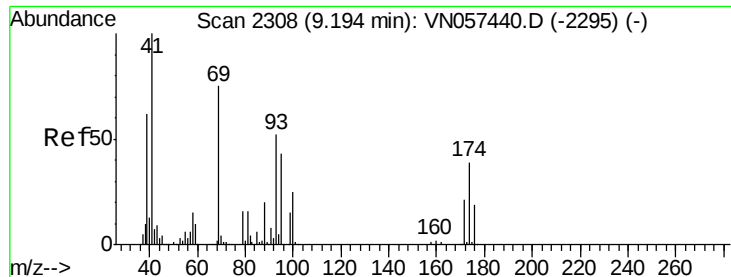
Abundance Ion 92.80 (92.50 to 93.50): VN057440.D (-2293) (-)

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

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

Time-->

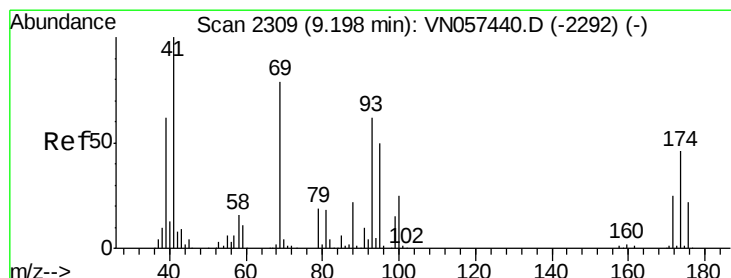
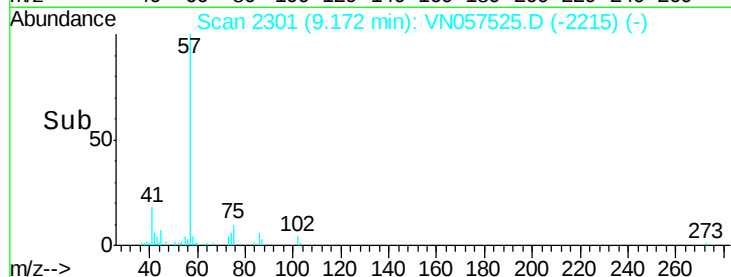
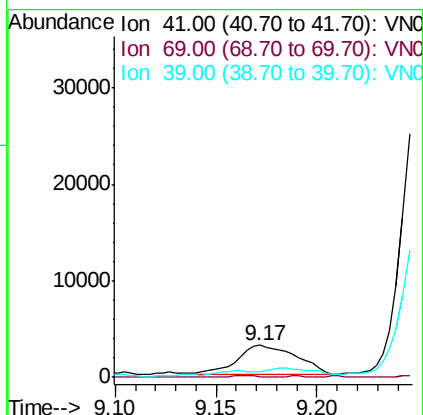
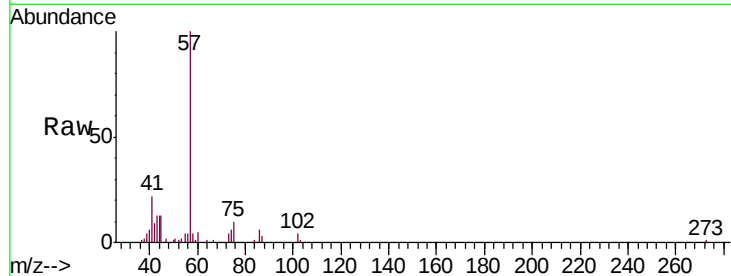




#48
Methyl methacrylate
Concen: 0.988 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN057525.D
Acq: 26 Aug 2019 21:38

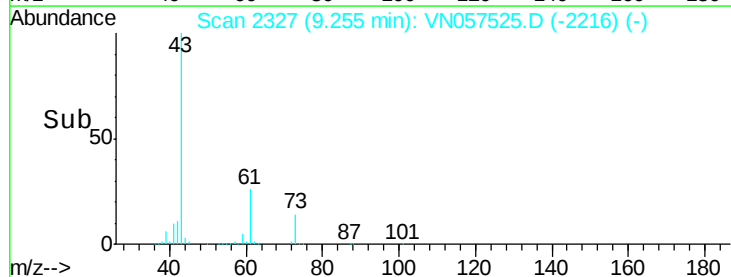
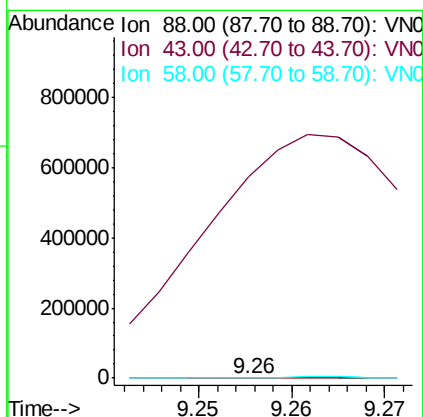
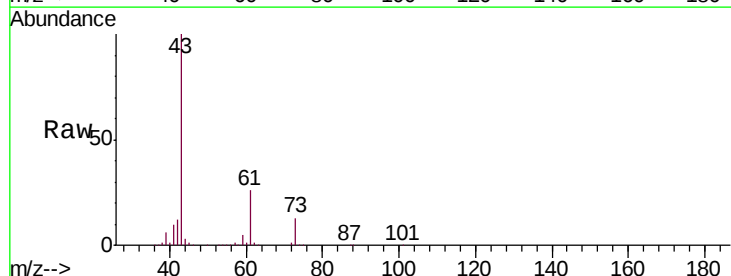
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-I-(1.9)

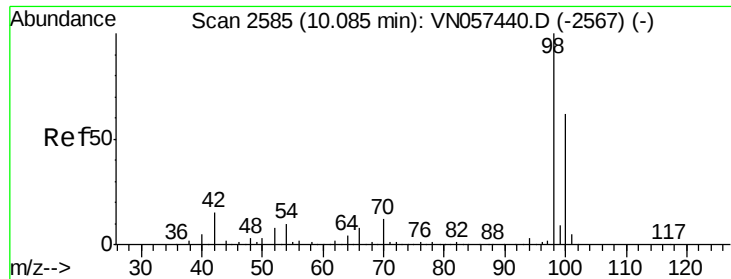
Tgt Ion: 41 Resp: 6045
Ion Ratio Lower Upper
41 100
69 2.1 59.3 88.9#
39 0.0 50.6 75.8#



#49
1,4-Dioxane
Concen: 0.771 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.06 min
Lab File: VN057525.D
Acq: 26 Aug 2019 21:38

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 2113465.6 31.0 46.6#
58 9345.9 64.5 96.7#





#50

Toluene-d8

Concen: 52.955 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

Instrument :

MSVOA_N

ClientSampled :

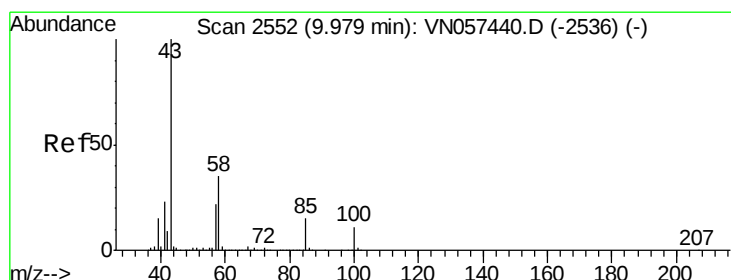
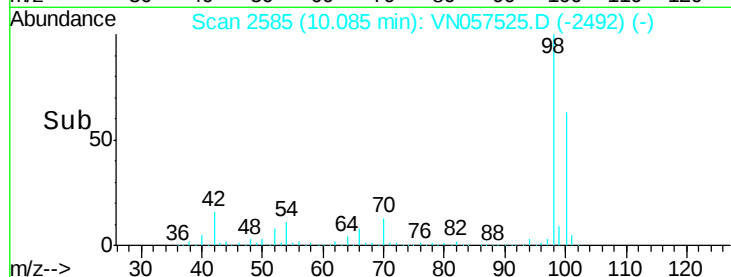
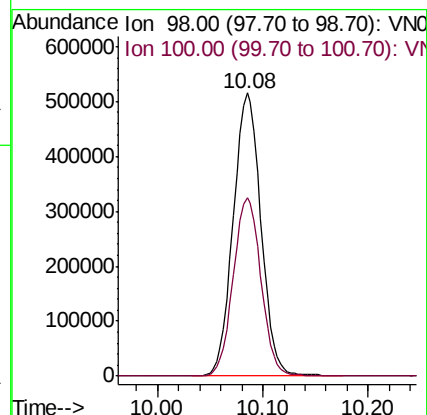
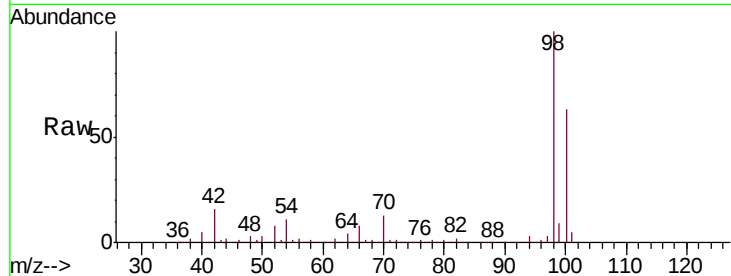
T9-12-13-I-(1.9)

Tgt Ion: 98 Resp: 940126

Ion Ratio Lower Upper

98 100

100 63.1 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 0.990 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.01 min

Lab File: VN057525.D

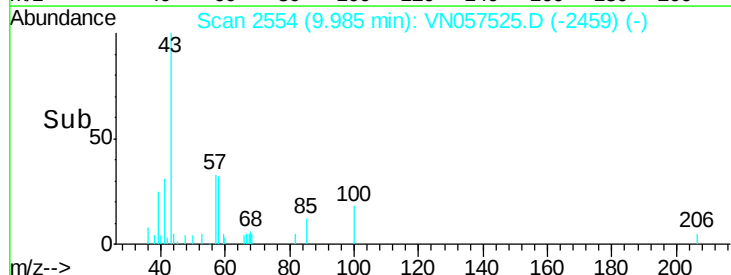
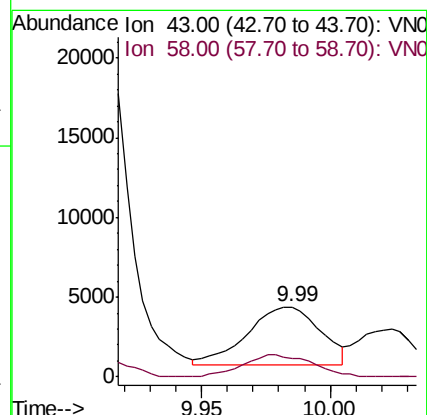
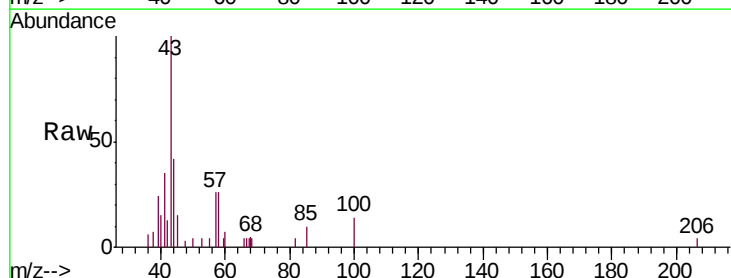
Acq: 26 Aug 2019 21:38

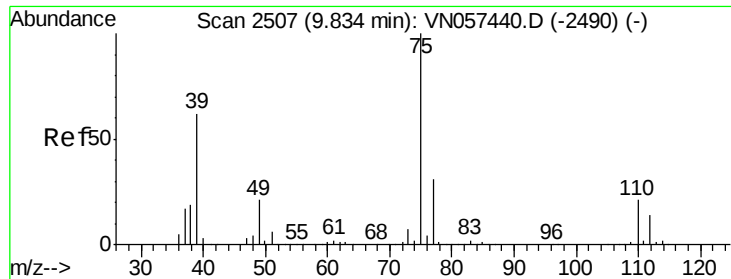
Tgt Ion: 43 Resp: 7098

Ion Ratio Lower Upper

43 100

58 36.8 27.9 41.9



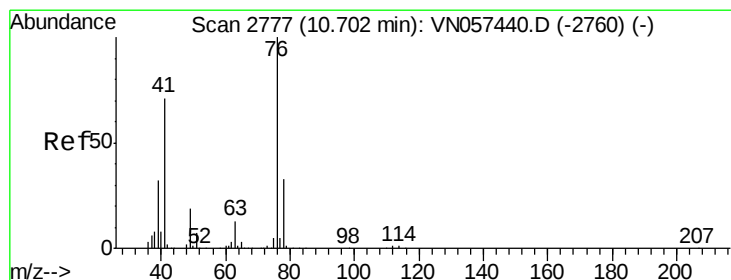
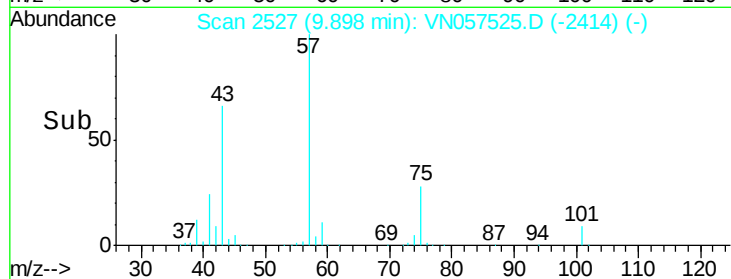
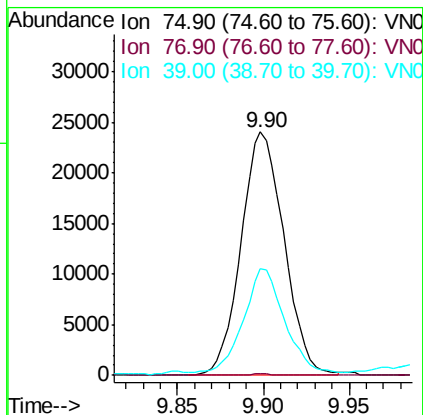
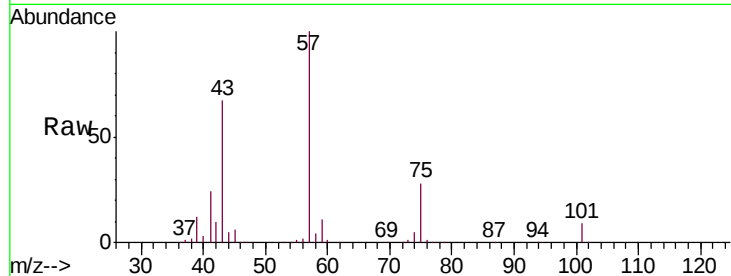


#54

cis-1,3-Dichloropropene
 Concen: 4.520 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057525.D
 Acq: 26 Aug 2019 21:38

Instrument :
 MSVOA_N
 ClientSampled :
 T9-12-13-I-(1.9)

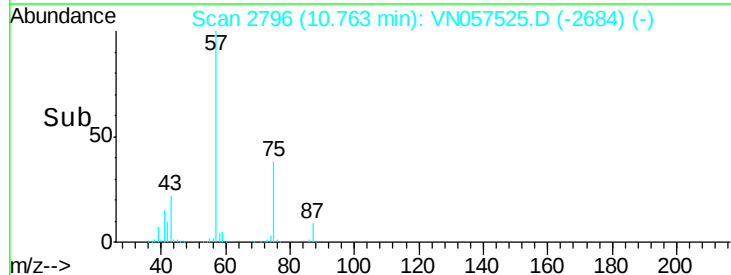
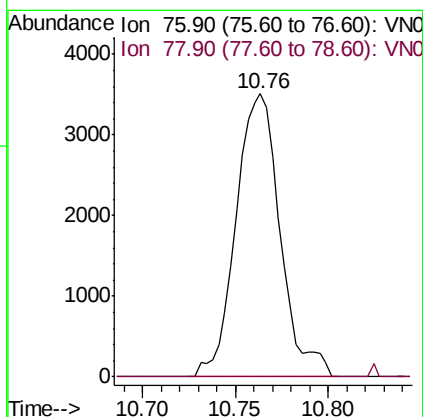
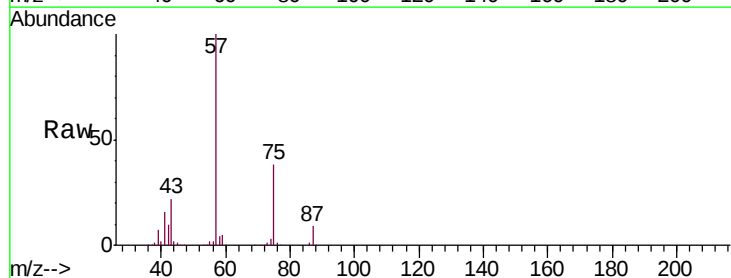
Tgt Ion: 75 Resp: 41756
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.0 37.6#
 39 42.5 49.2 73.8#

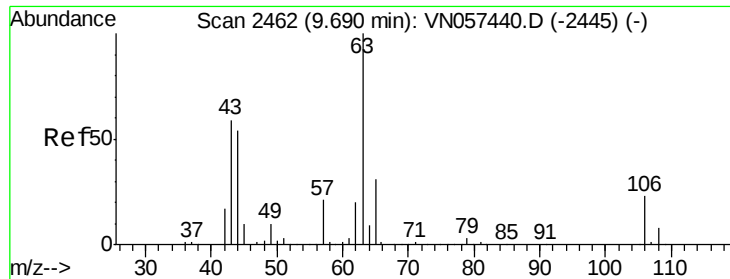


#57

1,3-Dichloropropane
 Concen: 0.671 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN057525.D
 Acq: 26 Aug 2019 21:38

Tgt Ion: 76 Resp: 5802
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#

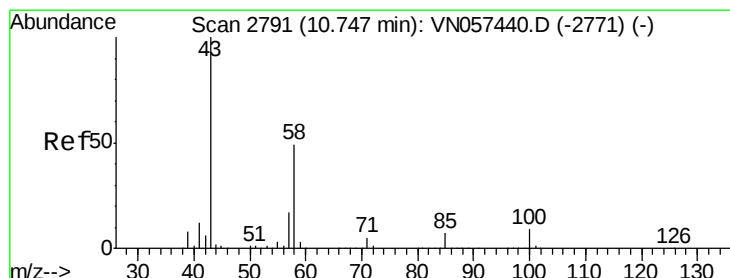
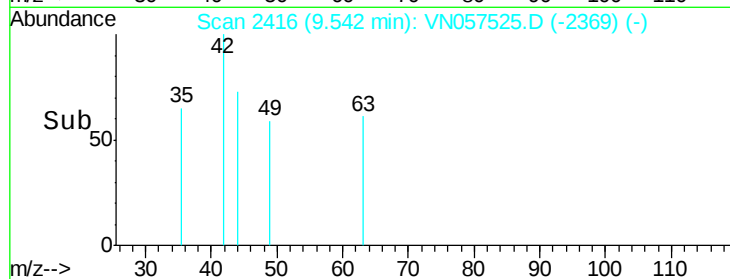
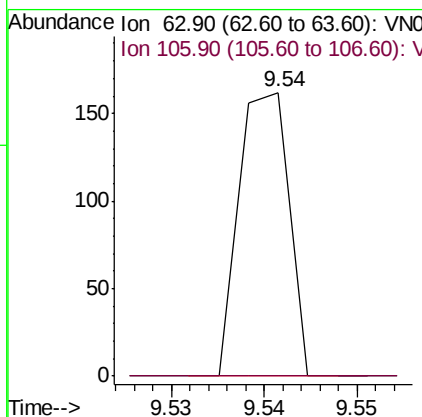
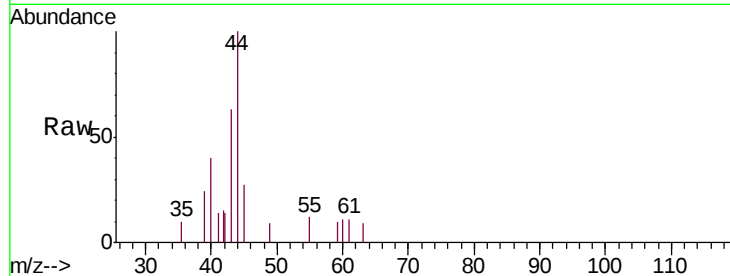




#58
 2-Chloroethyl Vinyl ether
 Concen: 17.091 ug/l
 RT: 9.54 min Scan# 2416
 Delta R.T. -0.15 min
 Lab File: VN057525.D
 Acq: 26 Aug 2019 21:38

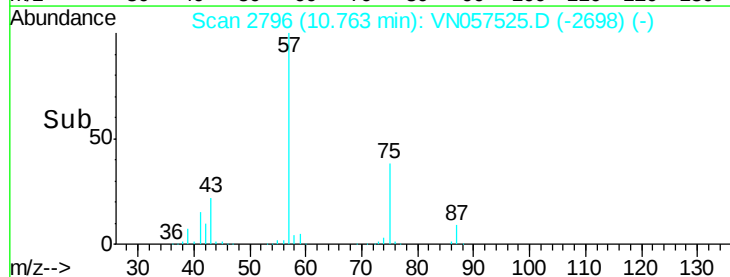
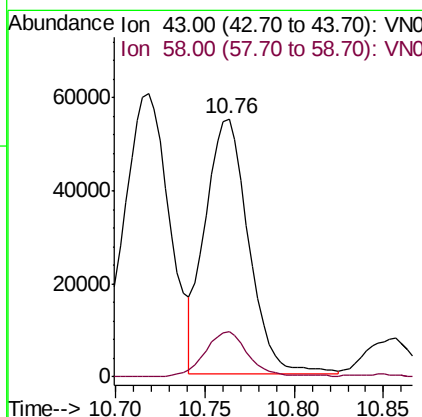
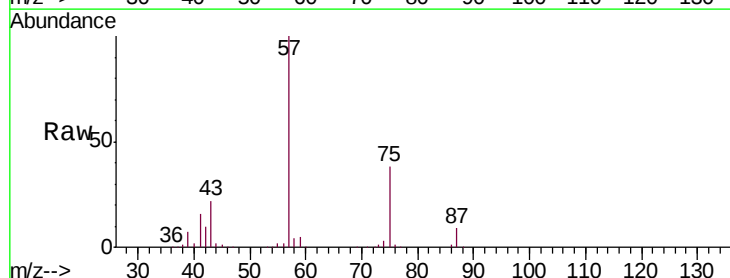
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-I-(1.9)

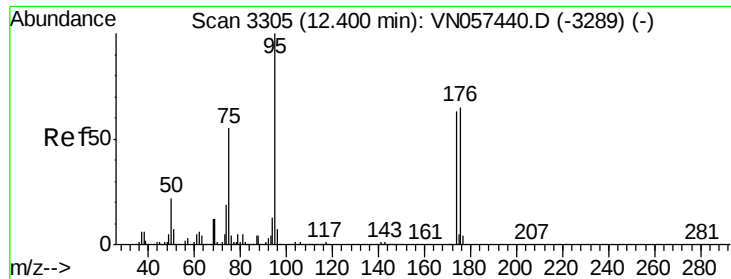
Tgt Ion: 63 Resp: 61
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#



#59
 2-Hexanone
 Concen: 18.901 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.02 min
 Lab File: VN057525.D
 Acq: 26 Aug 2019 21:38

Tgt Ion: 43 Resp: 92977
 Ion Ratio Lower Upper
 43 100
 58 17.9 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 41.547 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-I-(1.9)

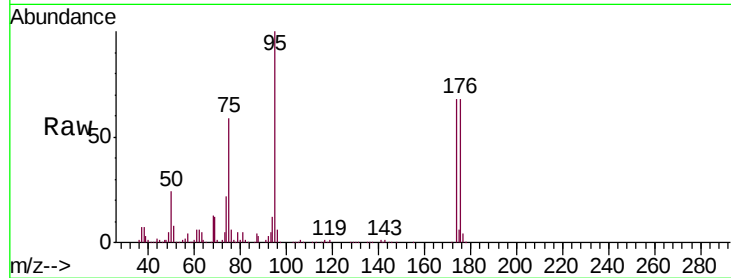
Tgt Ion: 95 Resp: 249961

Ion Ratio Lower Upper

95 100

174 68.1 0.0 133.0

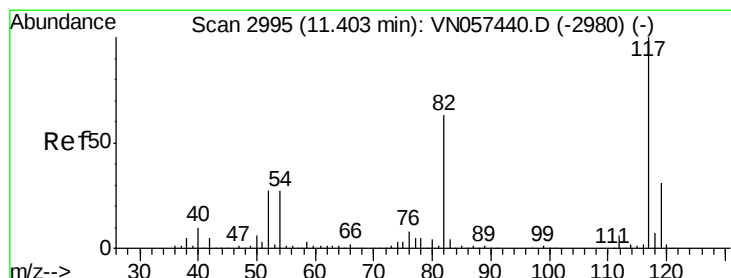
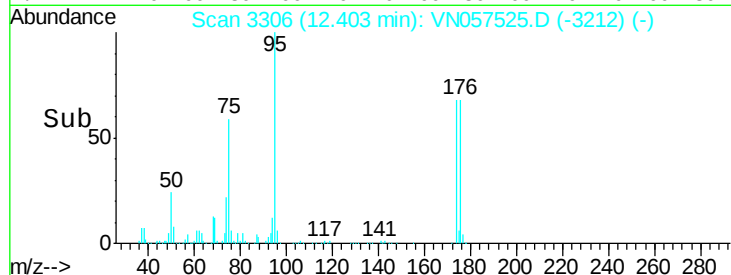
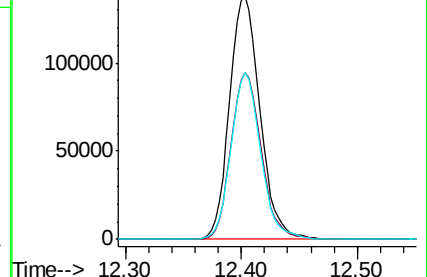
176 66.6 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057525.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN057525.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN057525.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

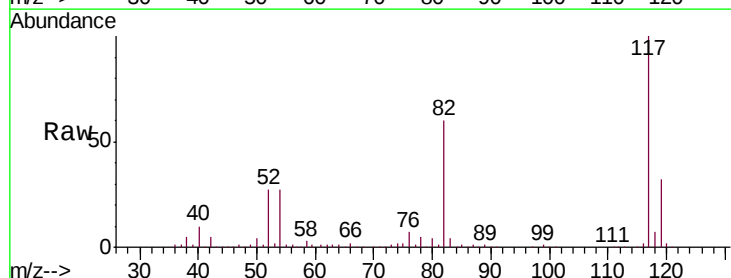
Tgt Ion: 117 Resp: 610934

Ion Ratio Lower Upper

117 100

82 59.8 50.6 75.8

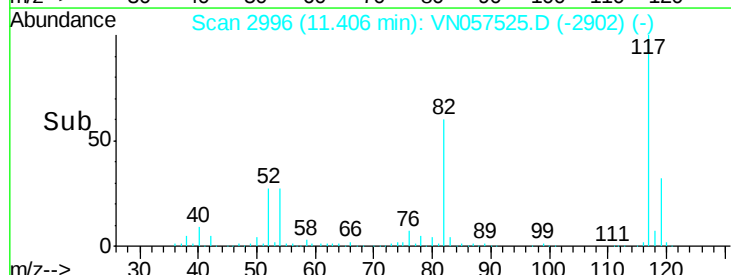
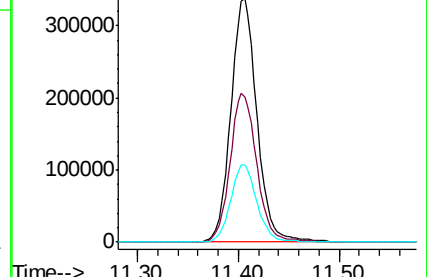
119 31.7 24.6 36.8

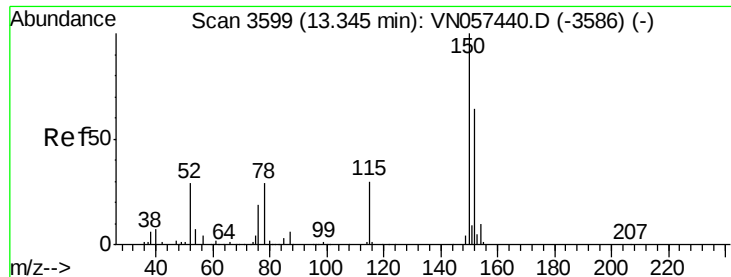


Abundance Ion 116.90 (116.60 to 117.60): VN057525.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN057525.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057525.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-I-(1.9)

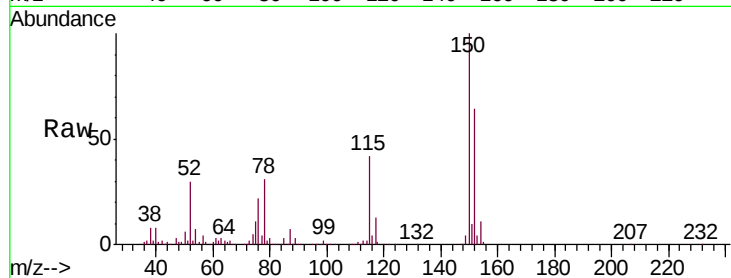
Tgt Ion:152 Resp: 143907

Ion Ratio Lower Upper

152 100

115 67.1 32.0 96.0

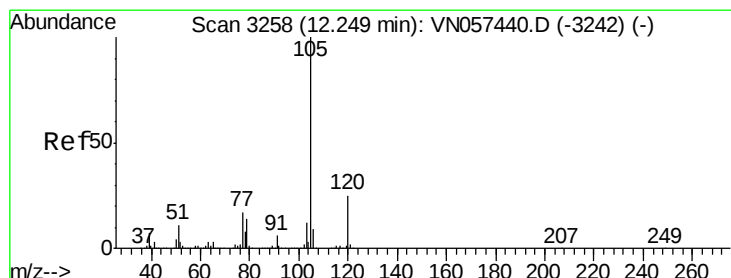
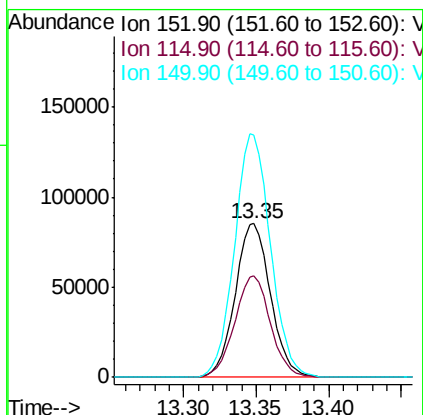
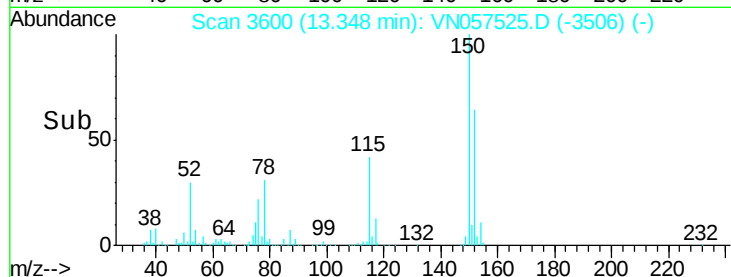
150 161.5 0.0 346.6



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: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN057525.D

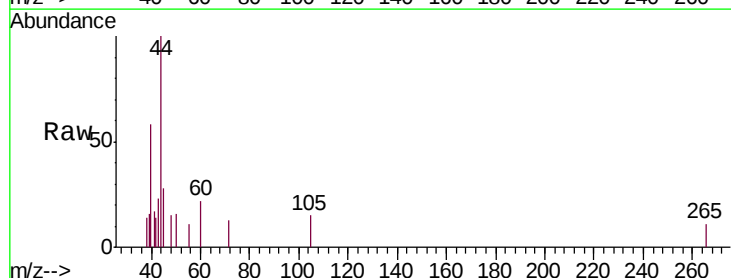
Acq: 26 Aug 2019 21:38

Tgt Ion:105 Resp: 108

Ion Ratio Lower Upper

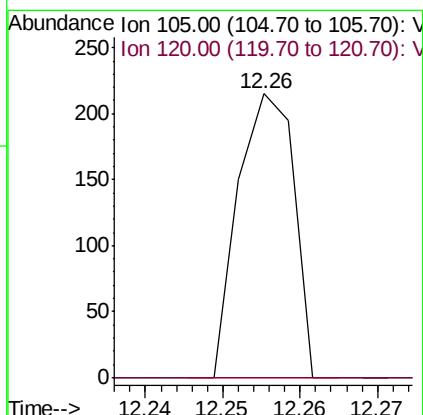
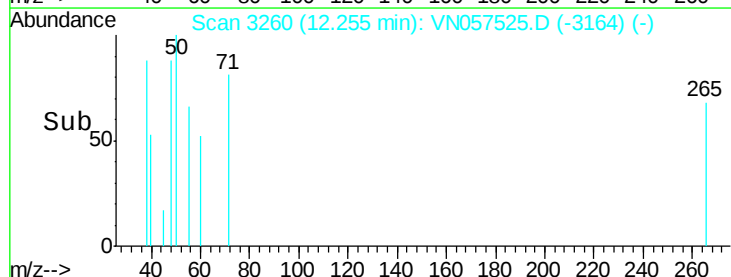
105 100

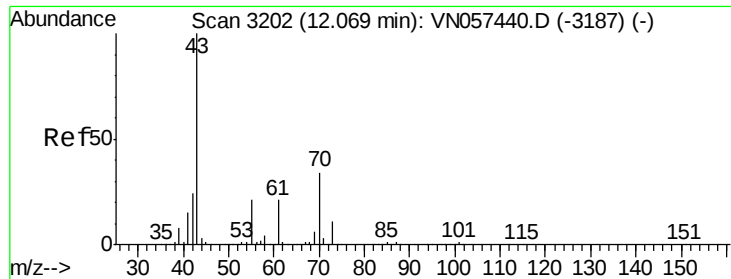
120 0.0 12.7 38.0#



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# 3191

Delta R.T. -0.03 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-I-(1.9)

Tgt Ion: 43 Resp: 4583

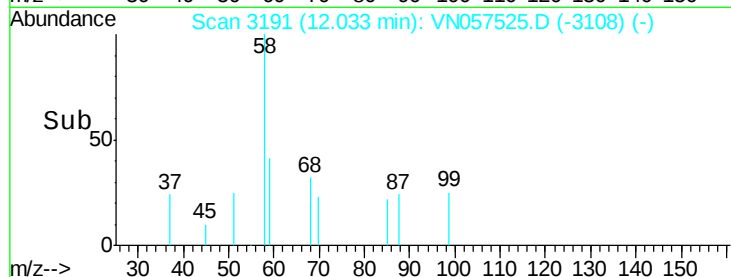
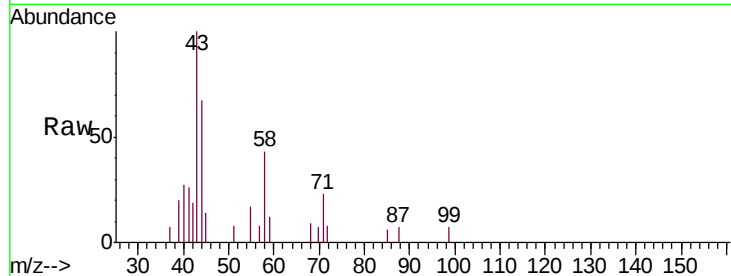
Ion Ratio Lower Upper

43 100

70 1.4 27.8 41.6#

55 14.8 17.0 25.4#

61 0.0 17.0 25.6#

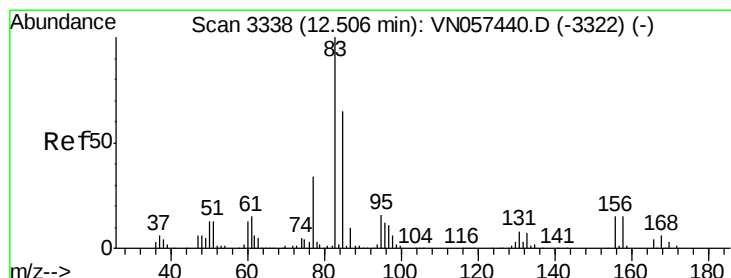
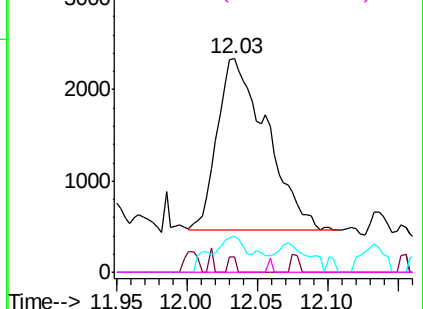


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 12.44 min Scan# 3319

Delta R.T. -0.06 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

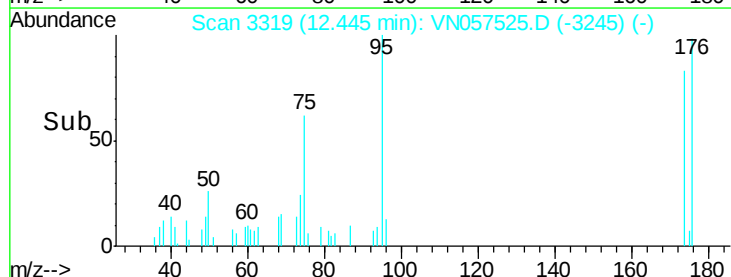
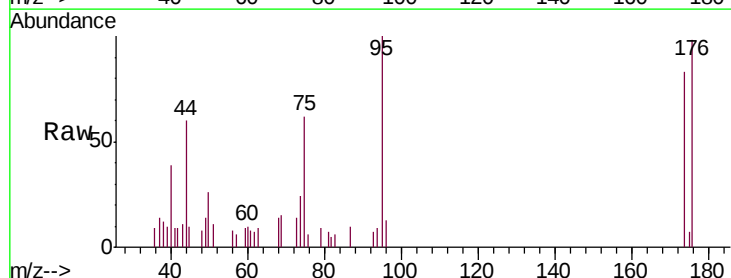
Tgt Ion: 83 Resp: 69

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

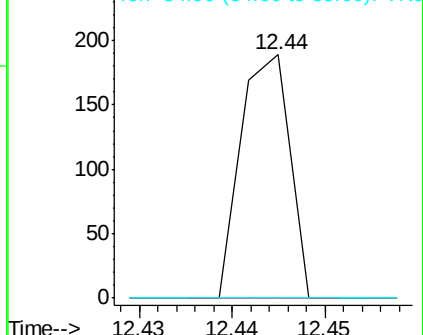
85 0.0 32.3 96.8#

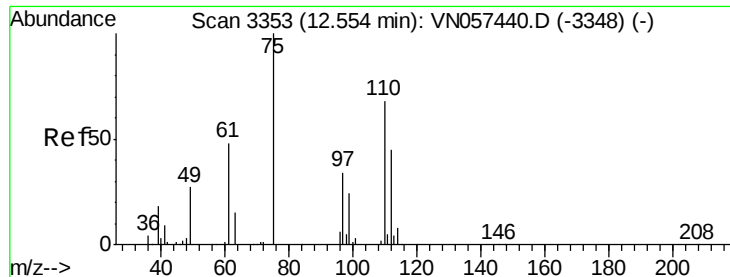


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 44.767 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

Instrument :

MSVOA_N

ClientSampled :

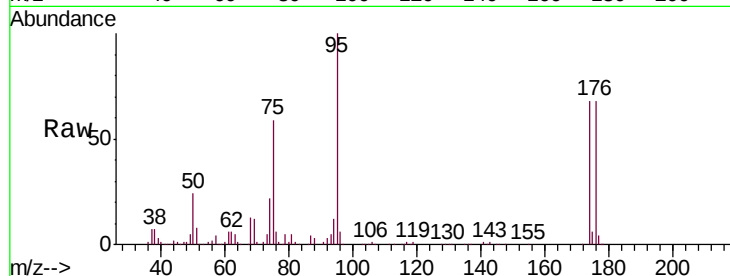
T9-12-13-I-(1.9)

Tgt Ion: 75 Resp: 143840

Ion Ratio Lower Upper

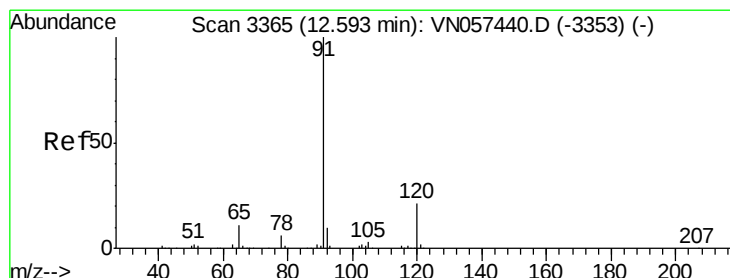
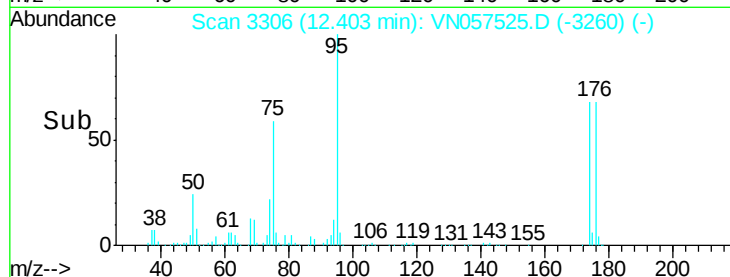
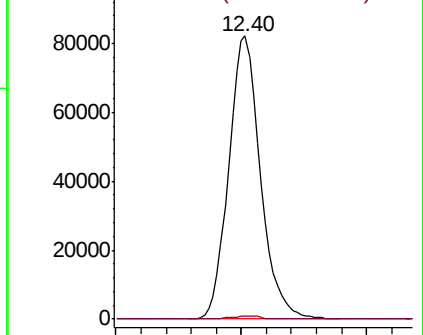
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: Below Cal

RT: 12.60 min Scan# 3367

Delta R.T. 0.01 min

Lab File: VN057525.D

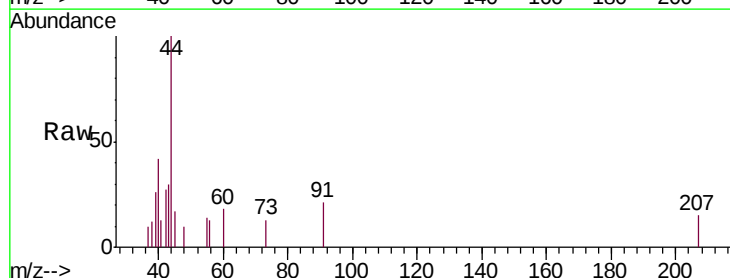
Acq: 26 Aug 2019 21:38

Tgt Ion: 91 Resp: 446

Ion Ratio Lower Upper

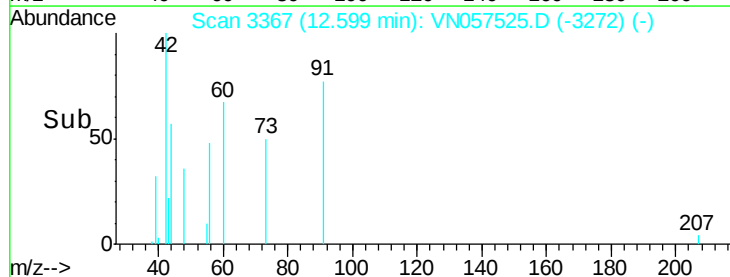
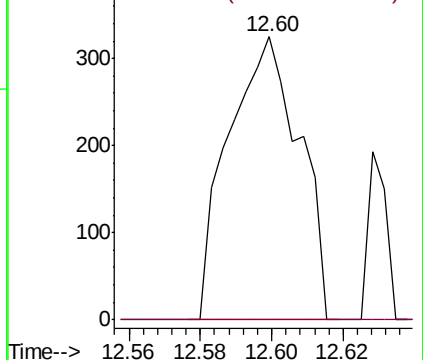
91 100

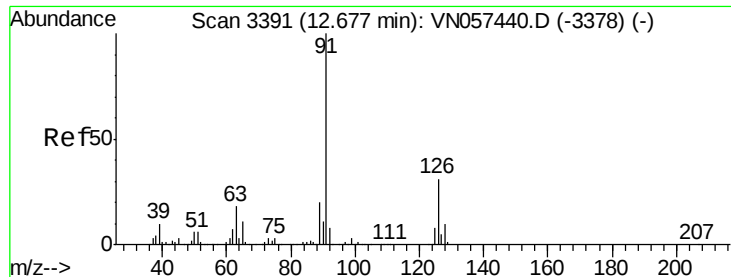
120 0.0 10.7 32.1#



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: 12.77 min Scan# 3421

Delta R.T. 0.10 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

Instrument :

MSVOA_N

ClientSampled :

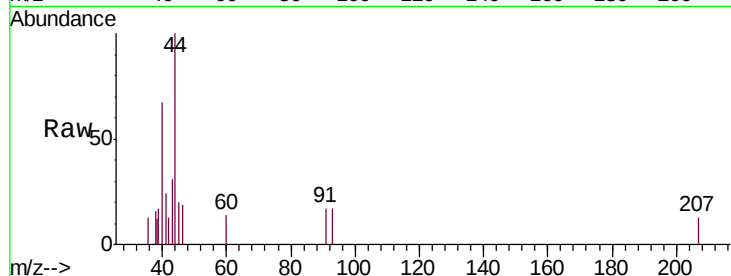
T9-12-13-I-(1.9)

Tgt Ion: 91 Resp: 255

Ion Ratio Lower Upper

91 100

126 23.5 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VN057525.D (-3398) (-)

Ion 125.90 (125.60 to 126.60): VN057525.D (-3398) (-)

12.77

250

200

150

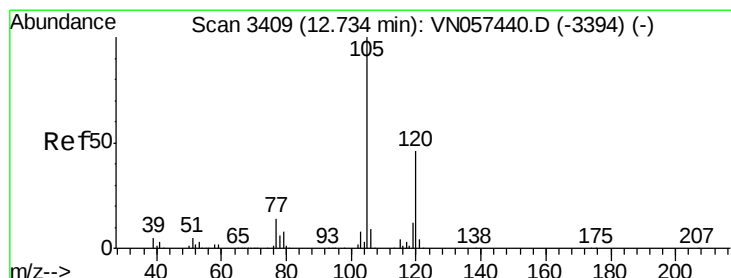
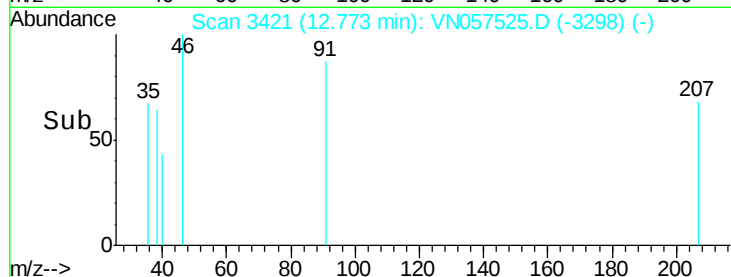
100

50

0

Time-->

12.76 12.78 12.80



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3407

Delta R.T. -0.01 min

Lab File: VN057525.D

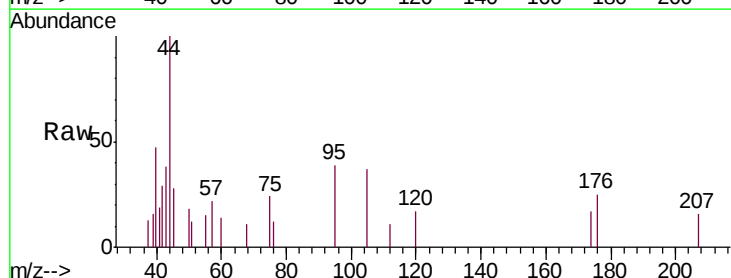
Acq: 26 Aug 2019 21:38

Tgt Ion: 105 Resp: 624

Ion Ratio Lower Upper

105 100

120 72.1 23.3 69.8#



Abundance Ion 105.00 (104.70 to 105.70): VN057525.D (-3316) (-)

Ion 120.00 (119.70 to 120.70): VN057525.D (-3316) (-)

12.73

600

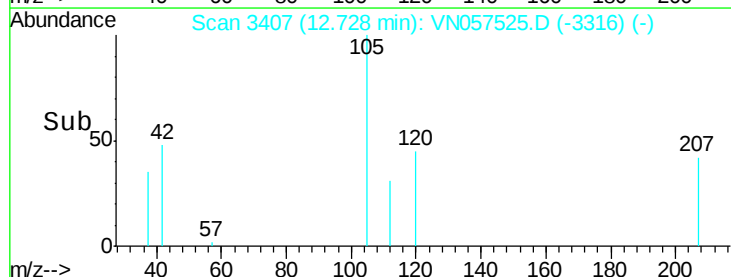
400

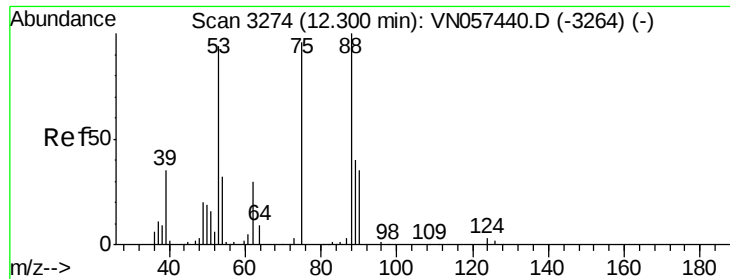
200

0

Time-->

12.70 12.72 12.74





#81

trans-1,4-Dichloro-2-butene

Concen: 114.786 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

Instrument :

MSVOA_N

ClientSampled :

T9-12-13-I-(1.9)

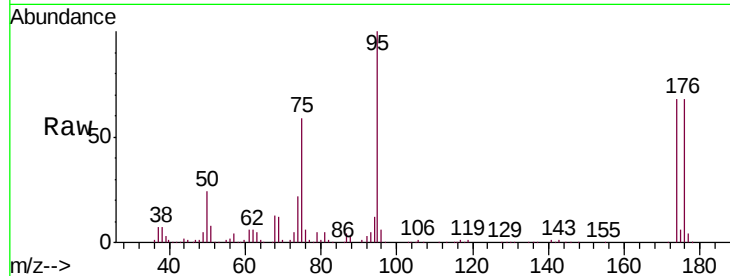
Tgt Ion: 75 Resp: 143840

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

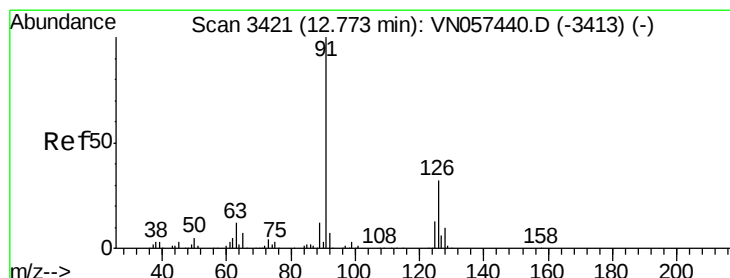
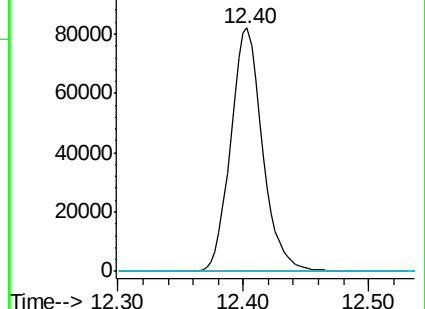
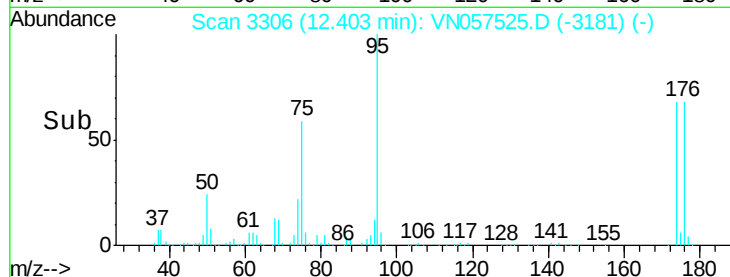
89 0.1 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN057525.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN057525.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN057525.D (-3181) (-)



#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN057525.D

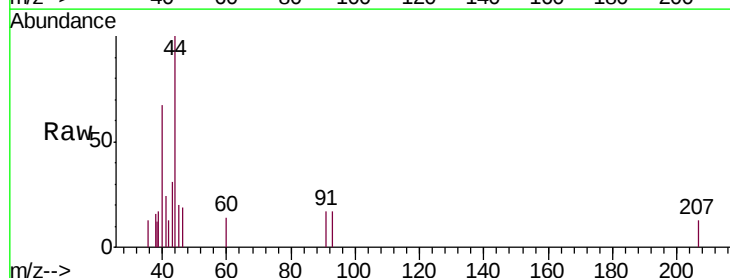
Acq: 26 Aug 2019 21:38

Tgt Ion: 91 Resp: 255

Ion Ratio Lower Upper

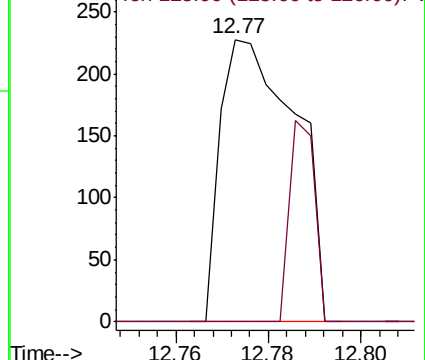
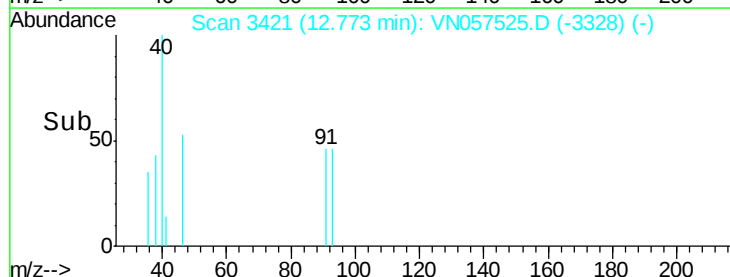
91 100

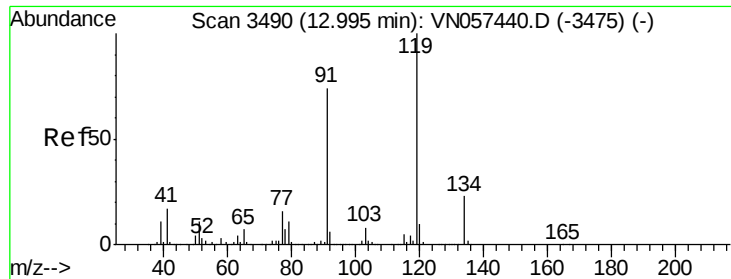
126 23.5 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN057525.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN057525.D (-3328) (-)

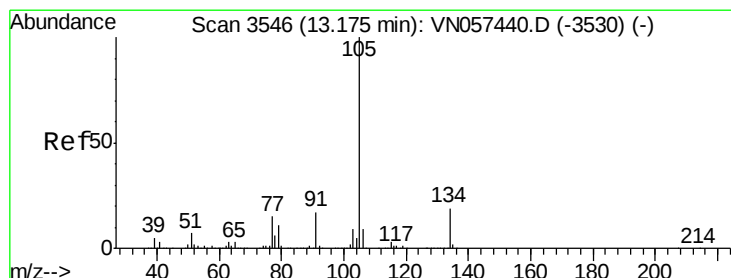
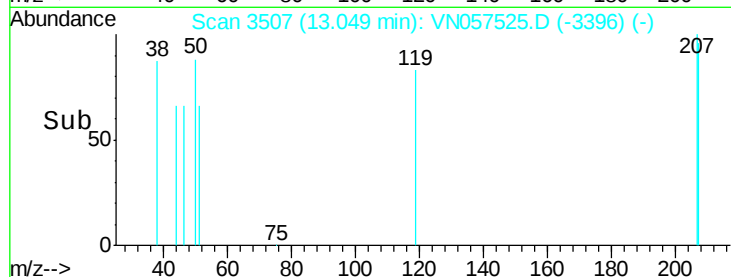
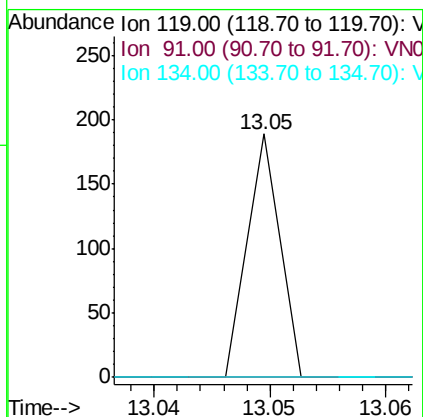
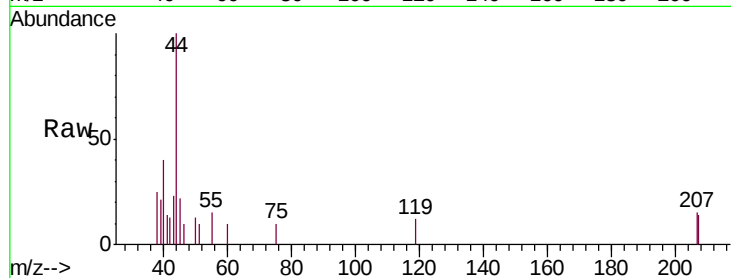




#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.05 min Scan# 3507
Delta R.T. 0.06 min
Lab File: VN057525.D
Acq: 26 Aug 2019 21:38

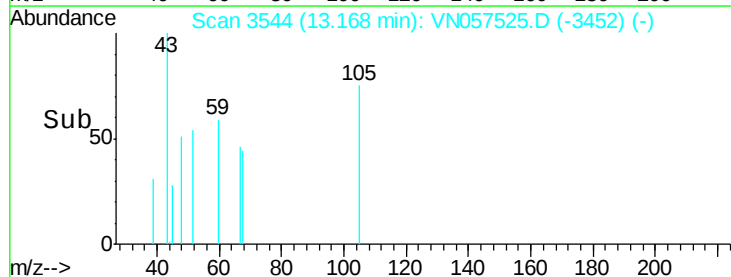
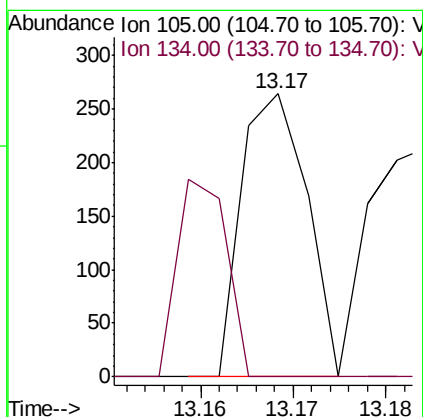
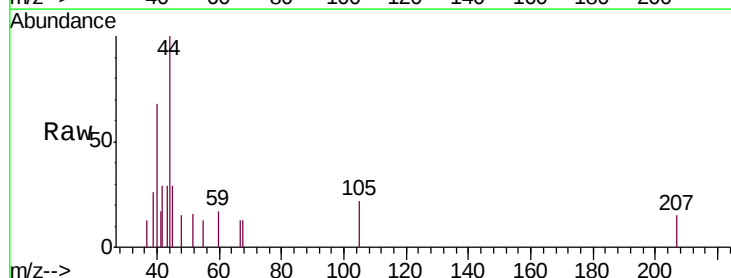
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-I-(1.9)

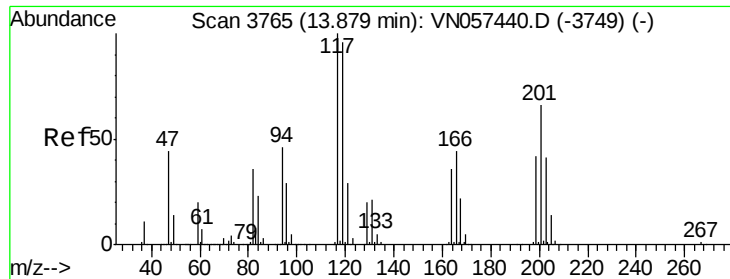
Tgt Ion:119 Resp: 36
Ion Ratio Lower Upper
119 100
91 0.0 37.0 111.0#
134 0.0 12.2 36.6#



#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3544
Delta R.T. -0.01 min
Lab File: VN057525.D
Acq: 26 Aug 2019 21:38

Tgt Ion:105 Resp: 129
Ion Ratio Lower Upper
105 100
134 52.7 9.3 27.9#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.92 min Scan# 3779

Delta R.T. 0.04 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

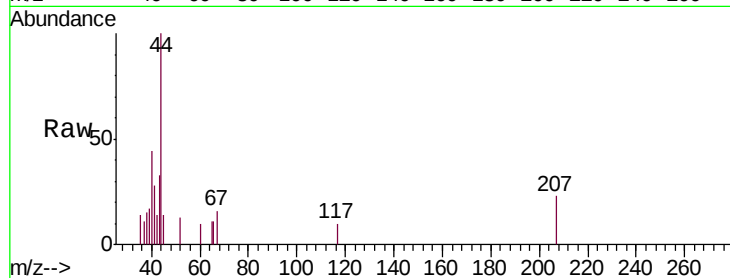
T9-12-13-I-(1.9)

Tgt Ion: 117 Resp: 30

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

13.92

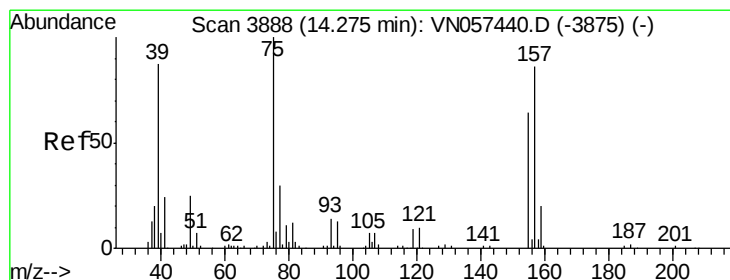
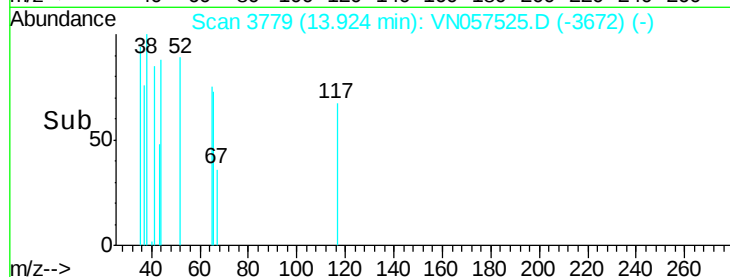
150

100

50

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.23 min Scan# 3875

Delta R.T. -0.04 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

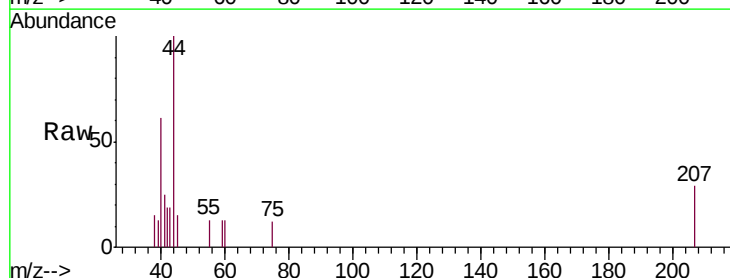
Tgt Ion: 75 Resp: 67

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

250

200

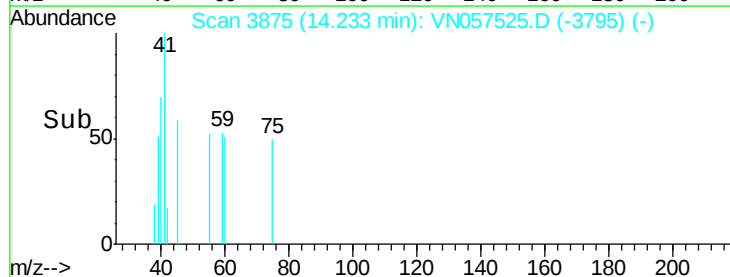
150

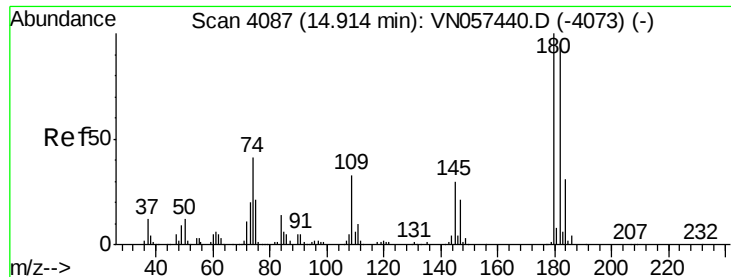
100

50

0

Time-->

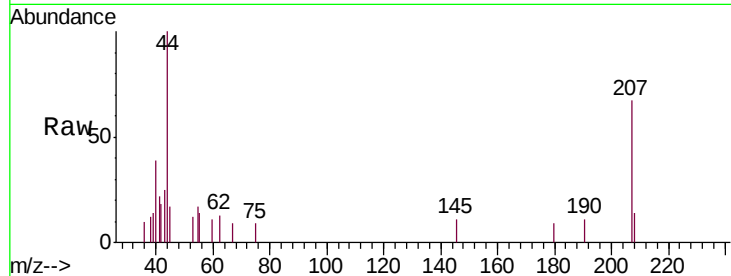




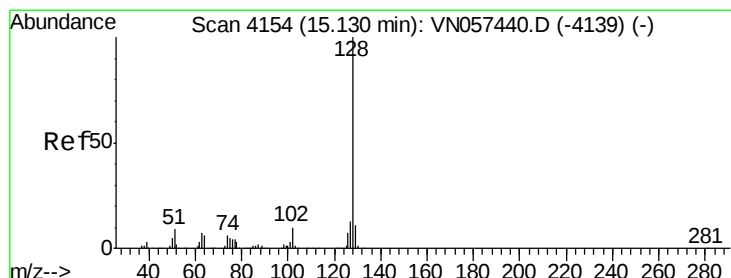
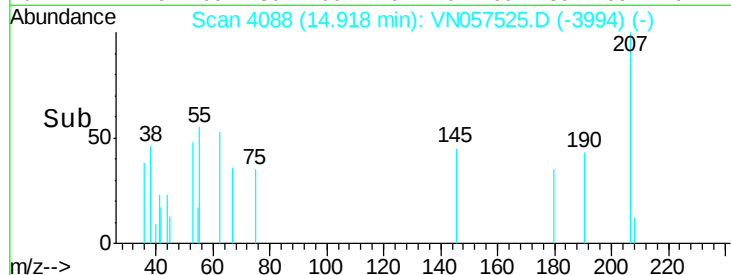
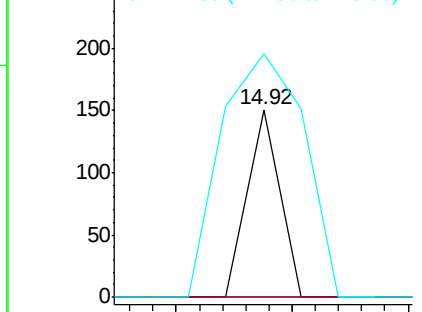
#93
 1,2,4-Trichlorobenzene
 Concen: 5.386 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057525.D
 Acq: 26 Aug 2019 21:38

Instrument :
 MSVOA_N
 ClientSampled :
 T9-12-13-I-(1.9)

Tgt Ion:180 Resp: 29
 Ion Ratio Lower Upper
 180 100
 182 117.2 46.7 140.1
 145 334.5 15.6 46.8#

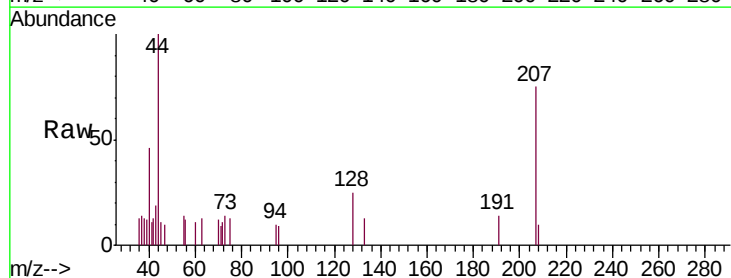


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

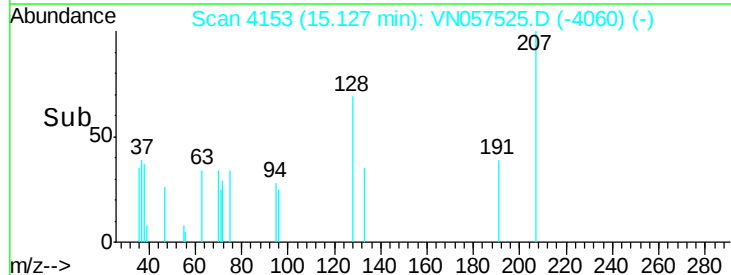
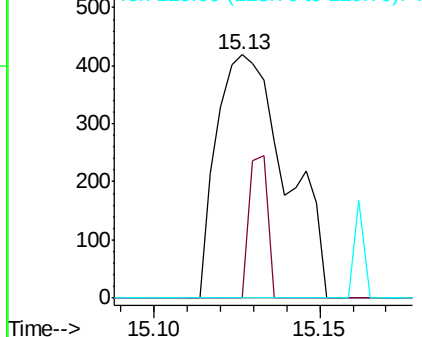


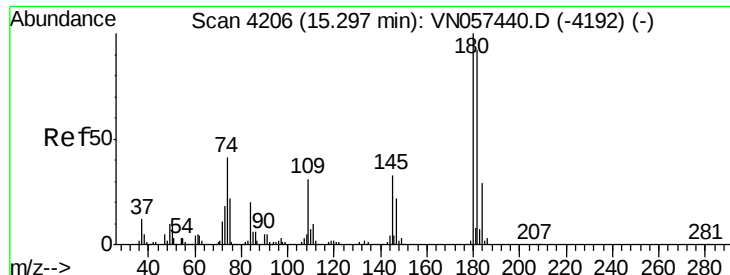
#95
 Naphthalene
 Concen: 4.437 ug/l
 RT: 15.13 min Scan# 4153
 Delta R.T. -0.00 min
 Lab File: VN057525.D
 Acq: 26 Aug 2019 21:38

Tgt Ion:128 Resp: 610
 Ion Ratio Lower Upper
 128 100
 127 15.2 10.5 15.7
 129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

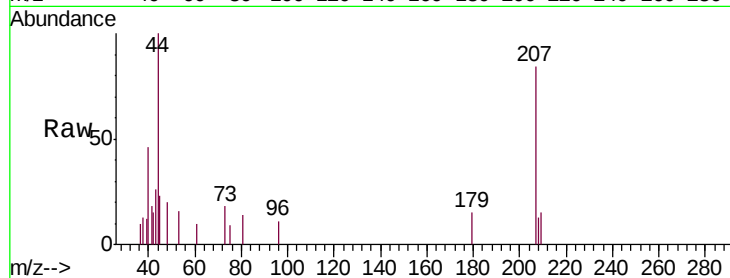




#96
 1,2,3-Trichlorobenzene
 Concen: 5.194 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. 0.01 min
 Lab File: VN057525.D
 Acq: 26 Aug 2019 21:38

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-I-(1.9)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	117.2	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

