

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057527.D
 Acq On : 26 Aug 2019 22:29
 Operator : JC/SP
 Sample : K4493-31
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Aug 27 07:19:19 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	363109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	639493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	567198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	146793	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	307394	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	7.58	113	200460	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	10.08	98	858486	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.40	95	246398	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
Target Compounds						
8) Diethyl Ether	3.11	74	205	Below Cal	Qvalue	63
9) 1,1,2-Trichlorotrifluoroet	3.62	101	32	Below Cal	#	1
11) Tert butyl alcohol	4.77	59	499	0.629 ug/l	#	27
13) Acrolein	3.60	56	517	0.741 ug/l	#	13
16) Acetone	3.80	43	10796	3.680 ug/l		96
18) Methyl Acetate	4.31	43	27755	3.497 ug/l		96
20) Methylene Chloride	4.52	84	10502	2.343 ug/l	#	86
31) Cyclohexane	7.64	56	5646	0.629 ug/l	#	17
36) 1,1-Dichloropropene	7.65	75	36135	5.530 ug/l	#	51
38) Carbon Tetrachloride	7.65	117	40407	6.225 ug/l	#	17
43) Isopropyl Acetate	8.16	43	96484	8.149 ug/l		99
46) Dibromomethane	9.06	93	65	Below Cal	#	10
48) Methyl methacrylate	9.26	41	156939	27.877 ug/l	#	47
49) 1,4-Dioxane	9.26	88	468	6.428 ug/l	#	1
51) 4-Methyl-2-Pentanone	9.98	43	7200	1.091 ug/l		99
54) cis-1,3-Dichloropropene	9.90	75	40616	4.779 ug/l	#	65
57) 1,3-Dichloropropane	10.76	76	6280	0.789 ug/l	#	47
58) 2-Chloroethyl Vinyl ether	9.89	63	29	17.078 ug/l	#	52
59) 2-Hexanone	10.76	43	98726	21.815 ug/l	#	54
73) Isopropylbenzene	12.12	105	82	Below Cal	#	50
74) N-amyl acetate	12.03	43	4241	Below Cal	#	55
75) 1,1,2,2-Tetrachloroethane	12.45	83	31	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	141398	42.995 ug/l	#	100
78) n-propylbenzene	12.60	91	189	Below Cal	#	55
79) 2-Chlorotoluene	12.67	91	70	Below Cal	#	1
80) 1,3,5-Trimethylbenzene	12.74	105	683	Below Cal		90
81) trans-1,4-Dichloro-2-buten	12.40	75	141398	110.502 ug/l	#	9
82) 4-Chlorotoluene	12.70	91	29	Below Cal	#	45
83) tert-Butylbenzene	12.98	119	29	Below Cal	#	22
85) sec-Butylbenzene	13.17	105	92	Below Cal	#	58
92) 1,2-Dibromo-3-Chloropropan	14.25	75	63	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.91	180	113	5.427 ug/l	#	82
95) Naphthalene	15.12	128	309	4.388 ug/l	#	69

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

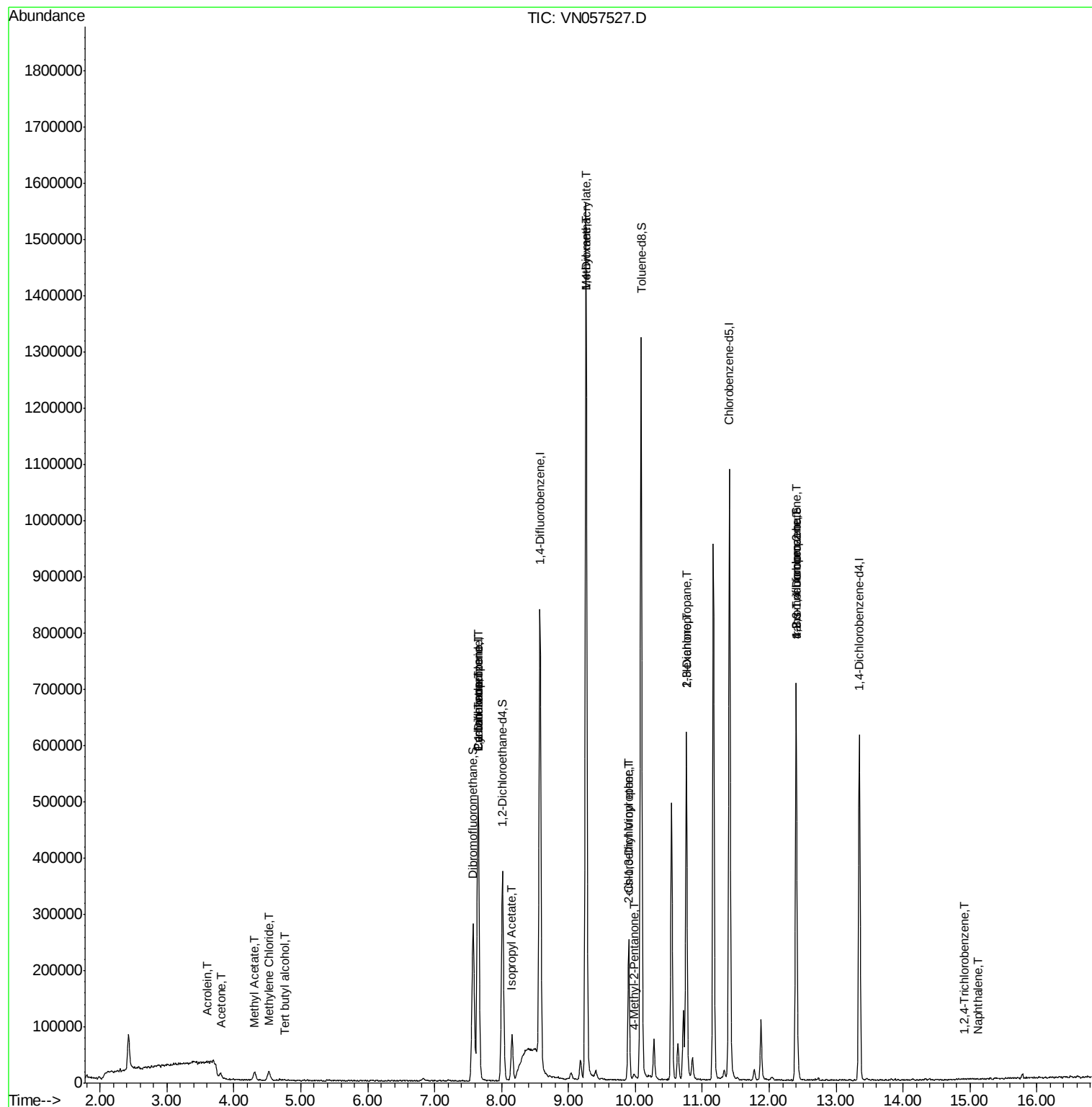
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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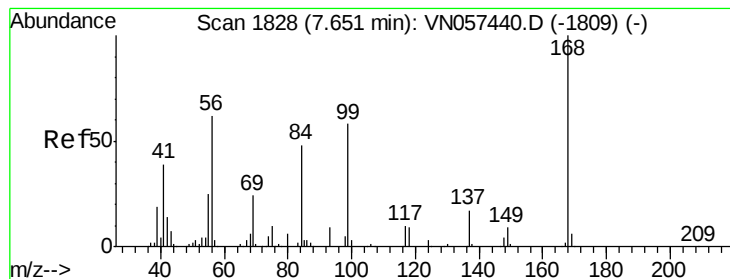
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN057527.D

Acq: 26 Aug 2019 22:29

Instrument :

MSVOA_N

ClientSampleId :

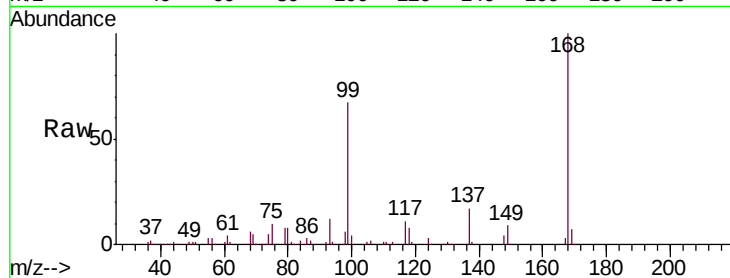
T9-12-13-J-(1.9)

Tgt Ion:168 Resp: 363109

Ion Ratio Lower Upper

168 100

99 66.9 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

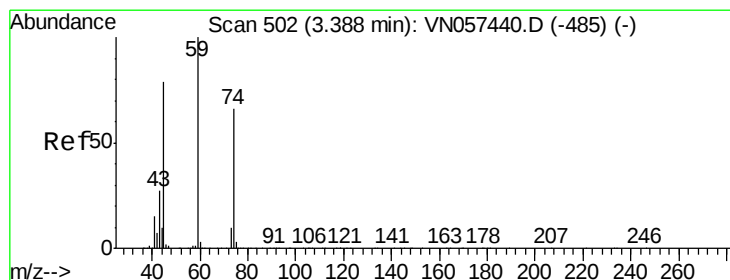
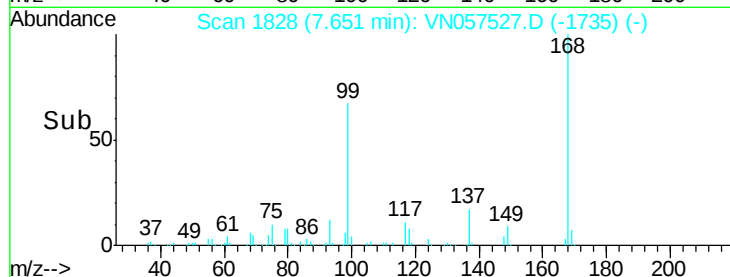
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 3.11 min Scan# 415

Delta R.T. -0.28 min

Lab File: VN057527.D

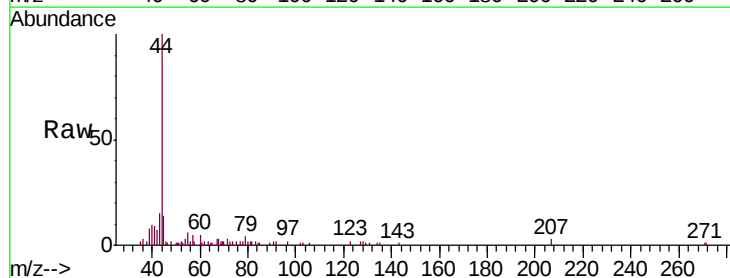
Acq: 26 Aug 2019 22:29

Tgt Ion: 74 Resp: 205

Ion Ratio Lower Upper

74 100

45 156.1 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

2500

2000

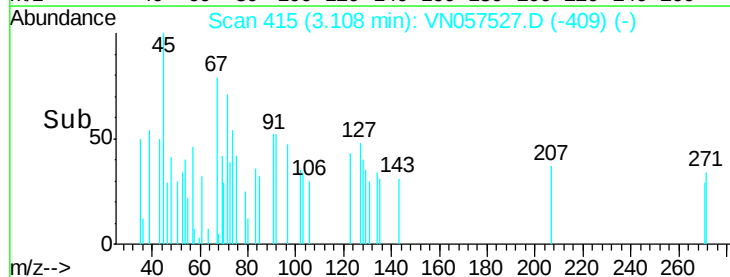
1500

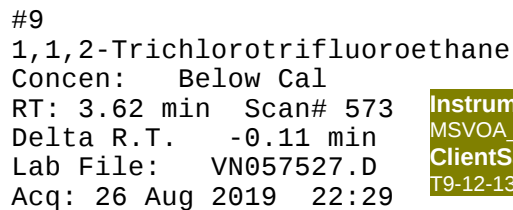
1000

500

0

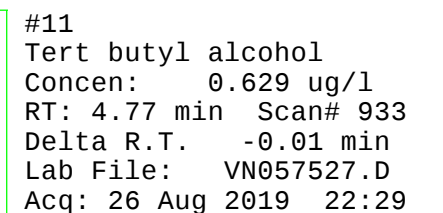
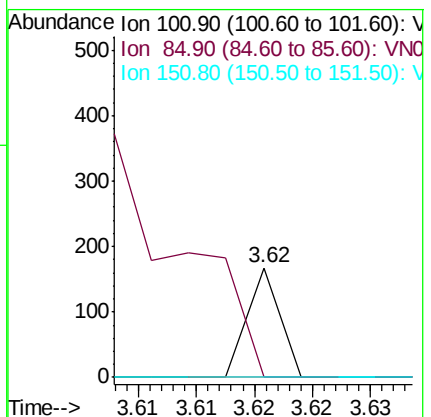
Time-->



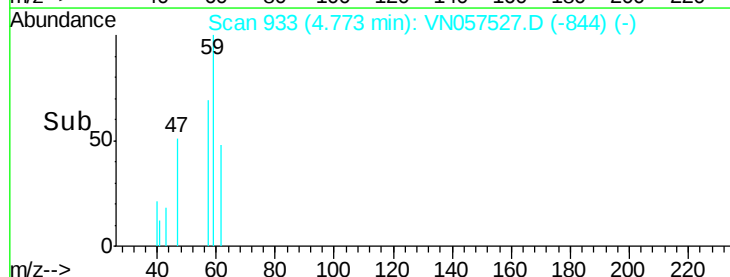
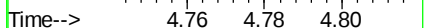
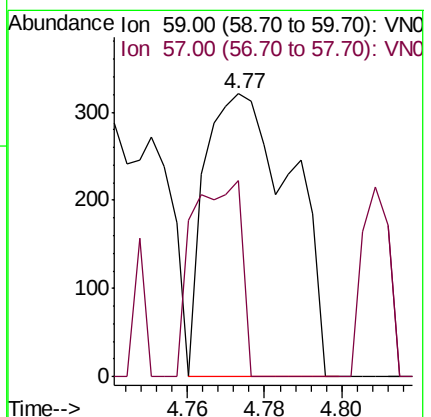


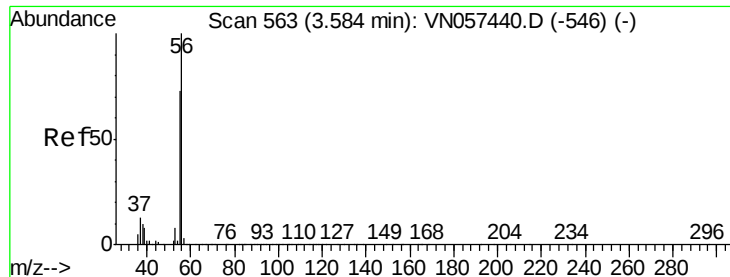
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-J-(1.9)

Tgt	Ion:101	Resp:	32
Ion	Ratio	Lower	Upper
101	100		
85	646.9	40.0	60.0#
151	0.0	57.0	85.6#



Tgt	Ion: 59	Resp:	499
Ion	Ratio	Lower	Upper
59	100		
57	39.3	9.1	13.7#





#13

Acrolein

Concen: 0.741 ug/l

RT: 3.60 min Scan# 567

Delta R.T. 0.01 min

Lab File: VN057527.D

Acq: 26 Aug 2019 22:29

Instrument :

MSVOA_N

ClientSampled :

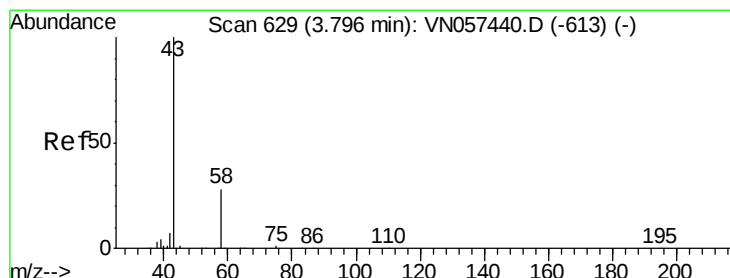
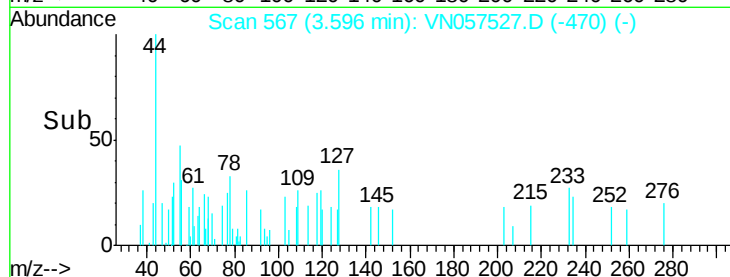
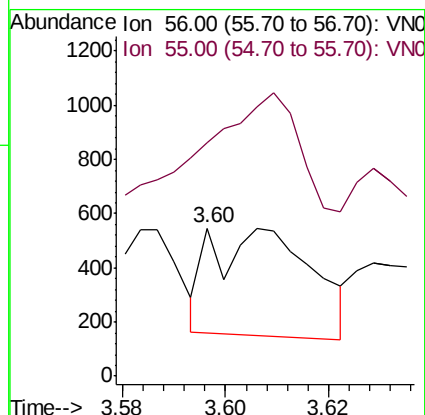
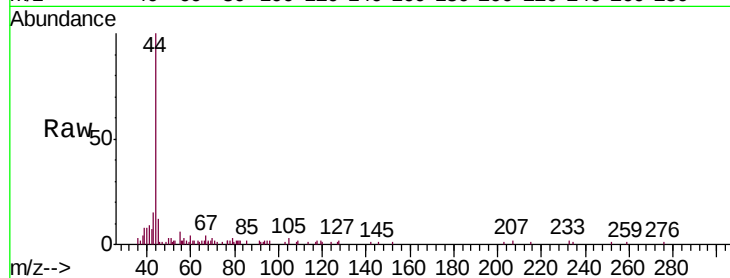
T9-12-13-J-(1.9)

Tgt Ion: 56 Resp: 517

Ion Ratio Lower Upper

56 100

55 0.0 59.0 88.4#



#16

Acetone

Concen: 3.680 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057527.D

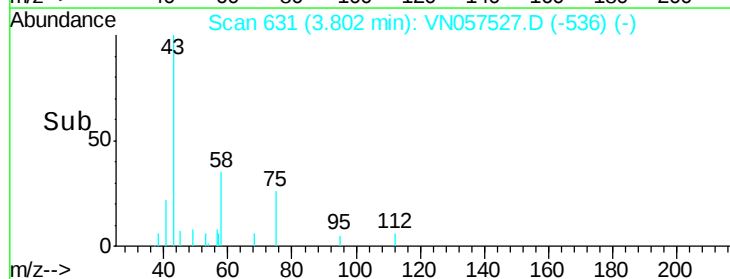
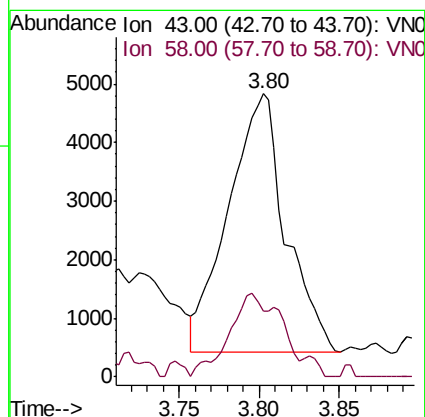
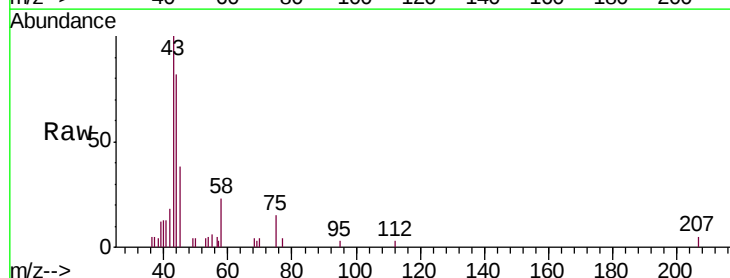
Acq: 26 Aug 2019 22:29

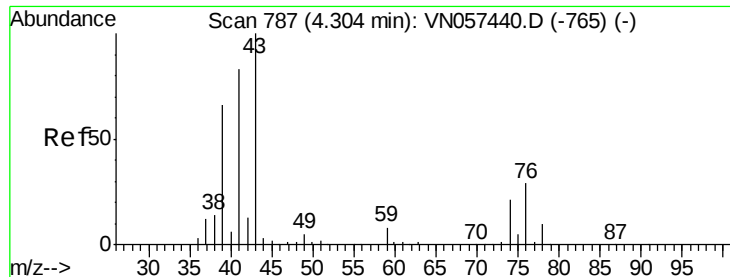
Tgt Ion: 43 Resp: 10796

Ion Ratio Lower Upper

43 100

58 25.7 22.1 33.1

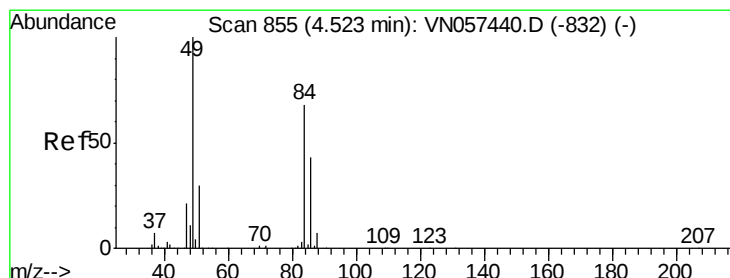
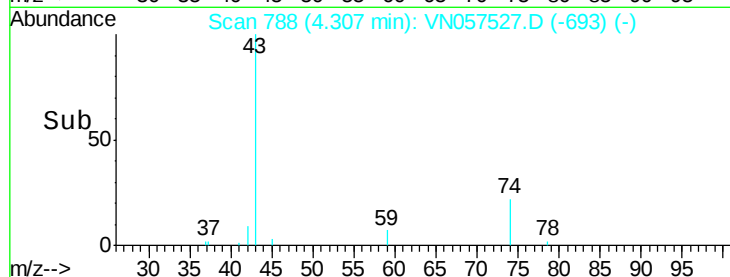
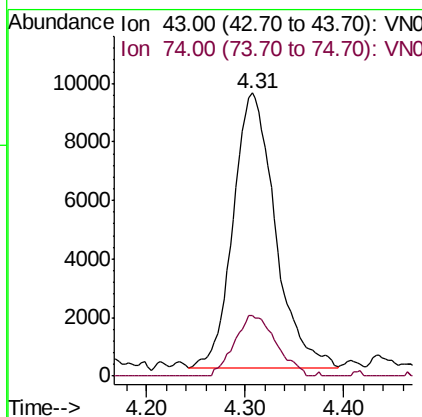
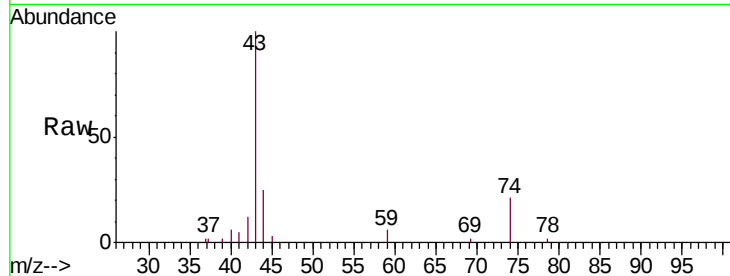




#18
Methyl Acetate
Concen: 3.497 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057527.D
Acq: 26 Aug 2019 22:29

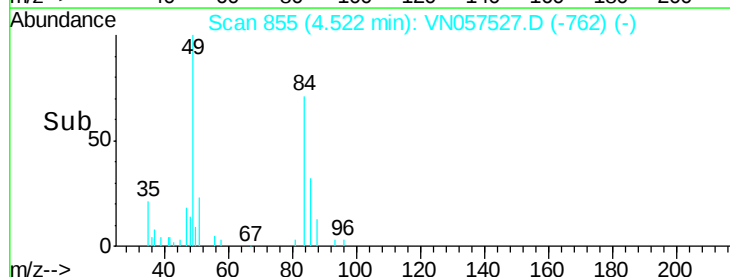
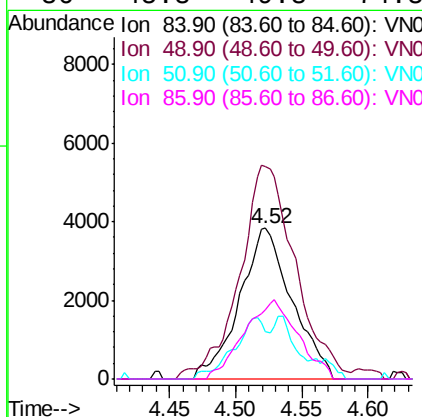
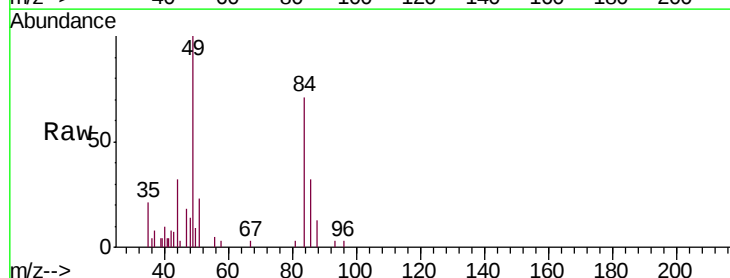
Instrument :
MSVOA_N
ClientSampled :
T9-12-13-J-(1.9)

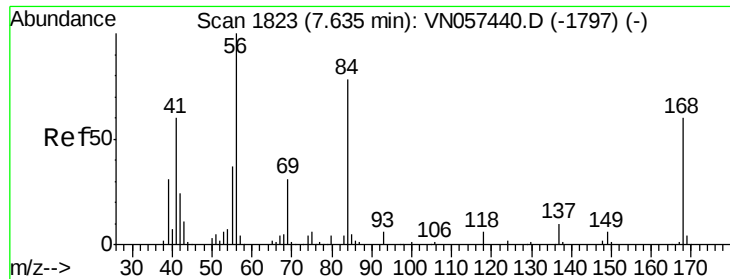
Tgt Ion: 43 Resp: 27755
Ion Ratio Lower Upper
43 100
74 21.8 15.9 23.9



#20
Methylene Chloride
Concen: 2.343 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN057527.D
Acq: 26 Aug 2019 22:29

Tgt Ion: 84 Resp: 10502
Ion Ratio Lower Upper
84 100
49 134.0 117.0 175.4
51 31.8 35.5 53.3#
86 45.8 49.8 74.8#

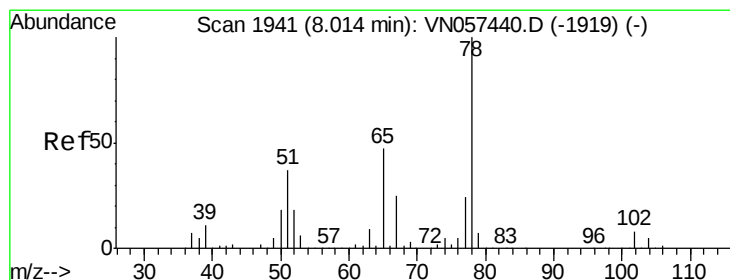
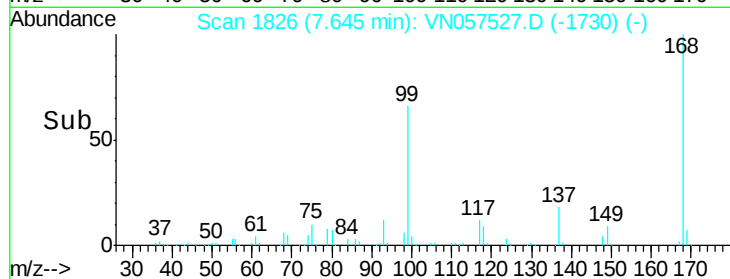
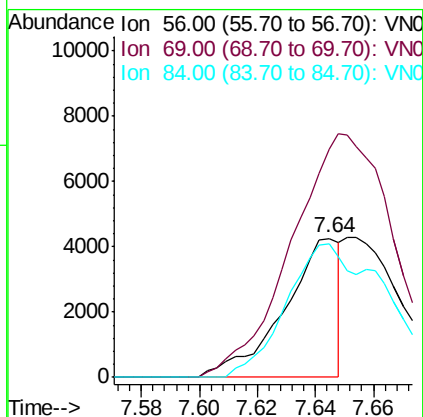
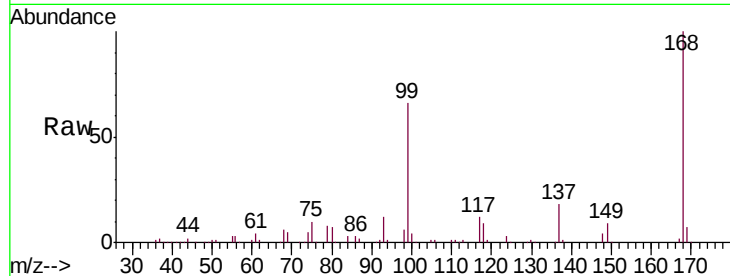




#31
Cyclohexane
Concen: 0.629 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN057527.D
Acq: 26 Aug 2019 22:29

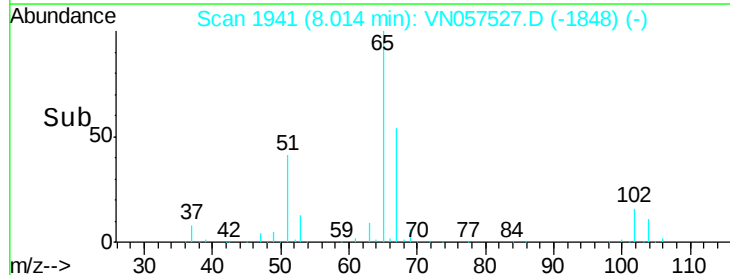
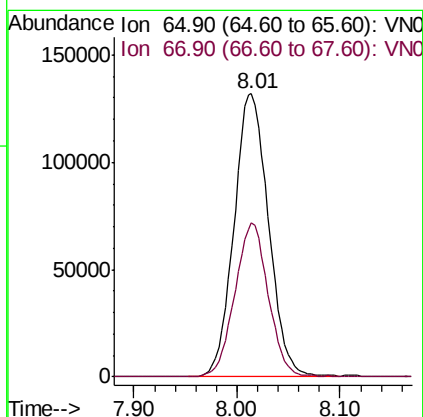
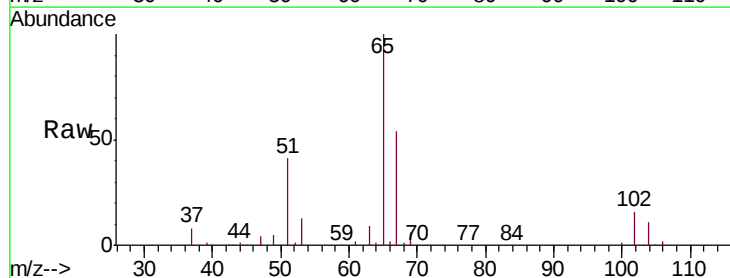
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T9-12-13-J-(1.9)

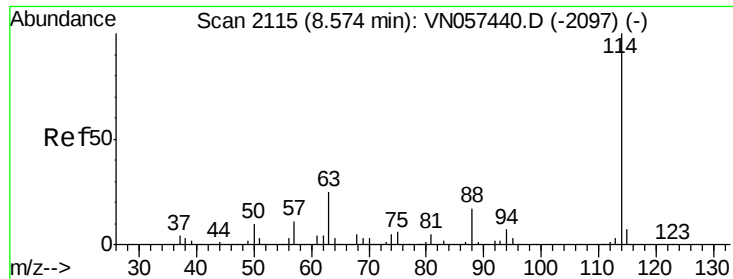
Tgt Ion: 56 Resp: 5646
Ion Ratio Lower Upper
56 100
69 164.3 25.0 37.6#
84 95.8 62.5 93.7#



#33
1,2-Dichloroethane-d4
Concen: 48.124 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057527.D
Acq: 26 Aug 2019 22:29

Tgt Ion: 65 Resp: 307394
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.8

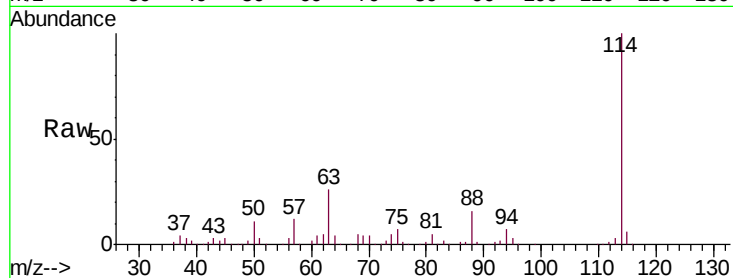




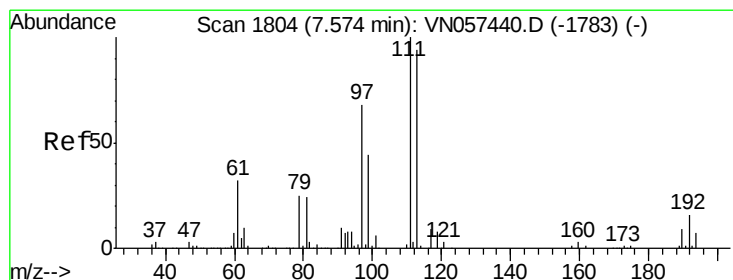
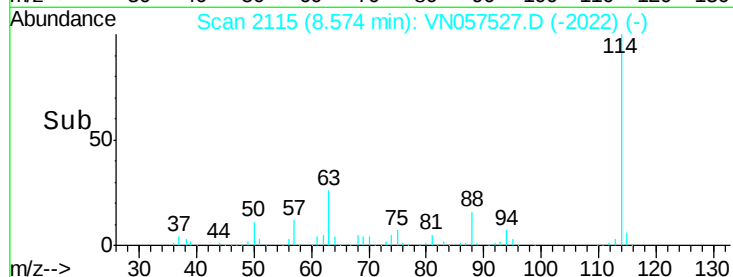
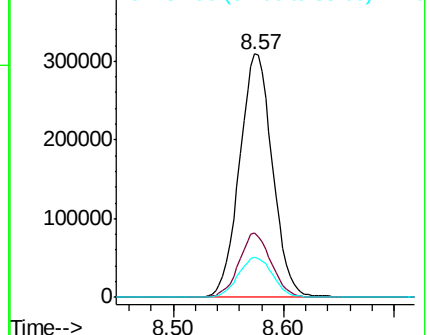
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN057527.D
Acq: 26 Aug 2019 22:29

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

Tgt Ion:114 Resp: 639493
Ion Ratio Lower Upper
114 100
63 26.4 0.0 50.2
88 16.4 0.0 34.6

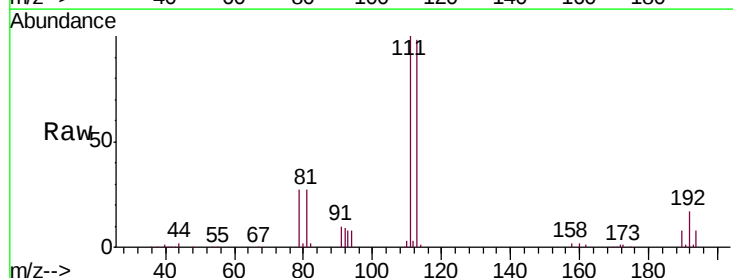


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

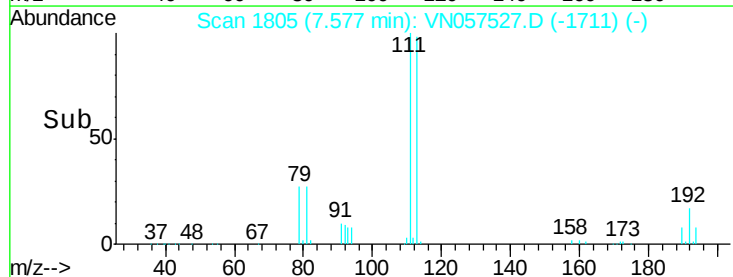
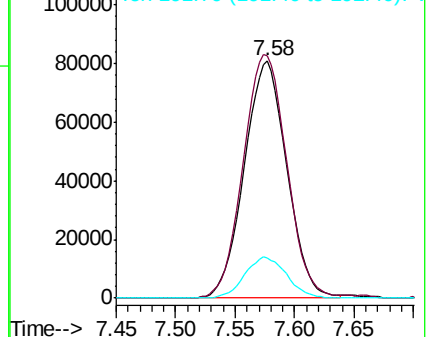


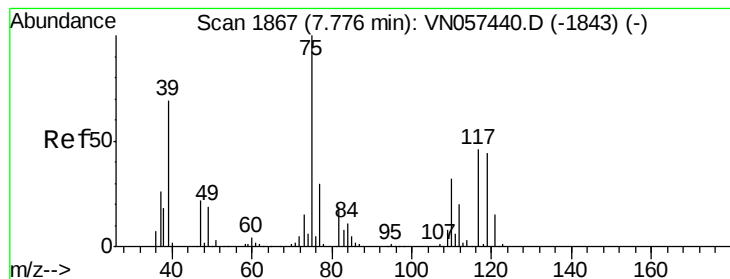
#35
Dibromofluoromethane
Concen: 46.408 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057527.D
Acq: 26 Aug 2019 22:29

Tgt Ion:113 Resp: 200460
Ion Ratio Lower Upper
113 100
111 104.9 83.8 125.6
192 17.0 13.5 20.3



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





#36

1,1-Dichloropropene

Concen: 5.530 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.13 min

Lab File: VN057527.D

Acq: 26 Aug 2019 22:29

Instrument :

MSVOA_N

ClientSampled :

T9-12-13-J-(1.9)

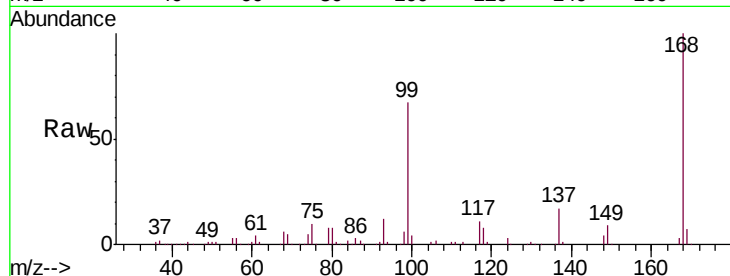
Tgt Ion: 75 Resp: 36135

Ion Ratio Lower Upper

75 100

110 9.0 16.1 48.3#

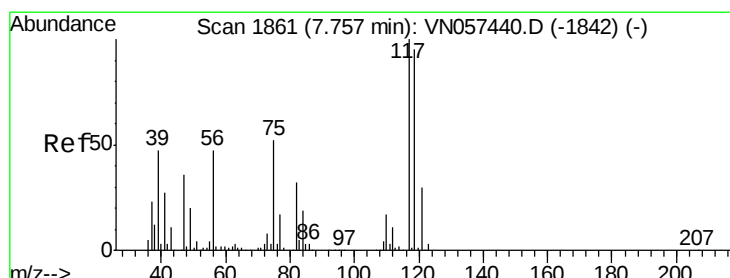
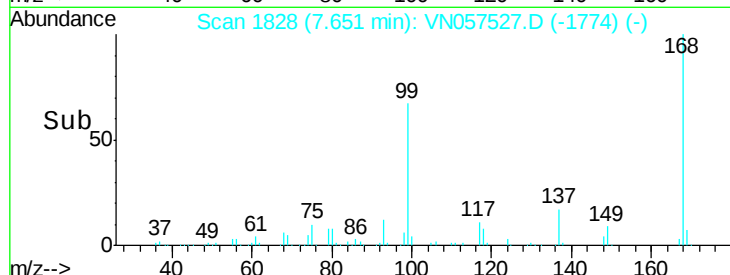
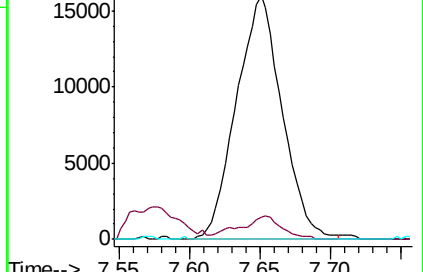
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN057527.D (-1774) (-)

Ion 109.90 (109.60 to 110.60): VN057527.D (-1774) (-)

Ion 76.90 (76.60 to 77.60): VN057527.D (-1774) (-)



#38

Carbon Tetrachloride

Concen: 6.225 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN057527.D

Acq: 26 Aug 2019 22:29

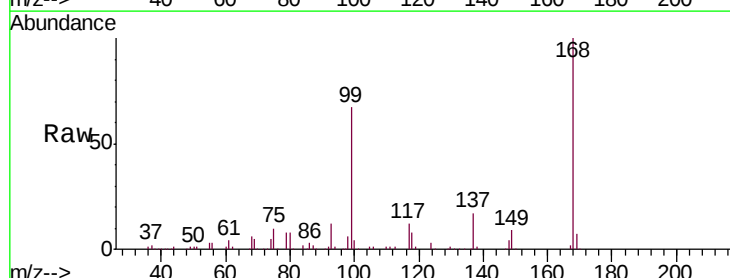
Tgt Ion: 117 Resp: 40407

Ion Ratio Lower Upper

117 100

119 6.5 76.2 114.4#

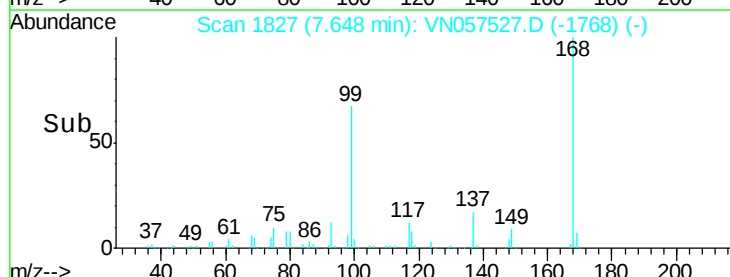
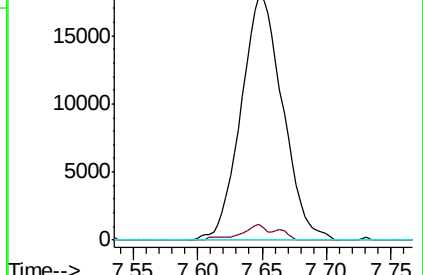
121 0.0 23.8 35.6#

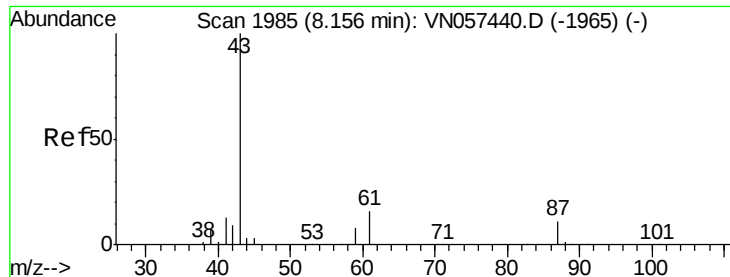


Abundance Ion 116.80 (116.50 to 117.50): VN057527.D (-1768) (-)

Ion 118.80 (118.50 to 119.50): VN057527.D (-1768) (-)

Ion 120.80 (120.50 to 121.50): VN057527.D (-1768) (-)

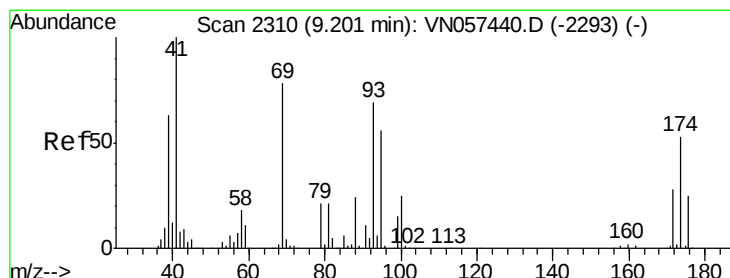
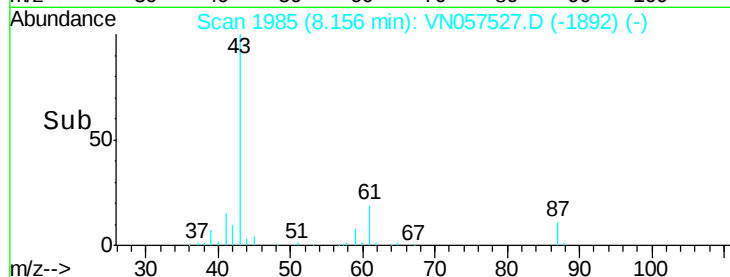
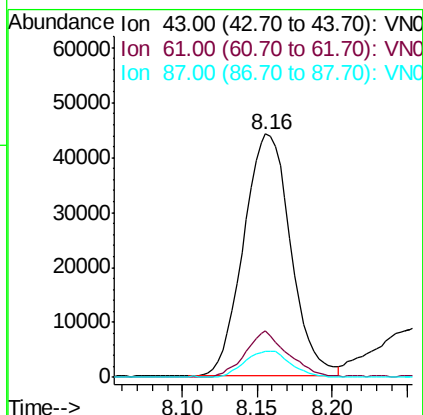
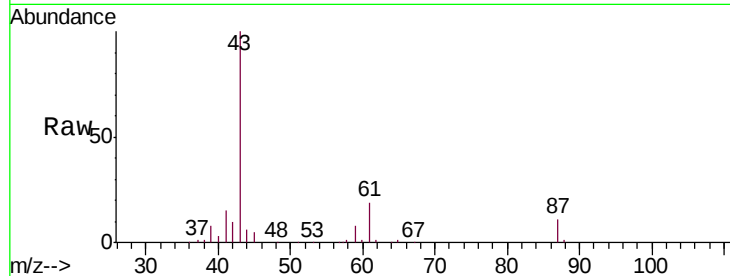




#43
Isopropyl Acetate
Concen: 8.149 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN057527.D
Acq: 26 Aug 2019 22:29

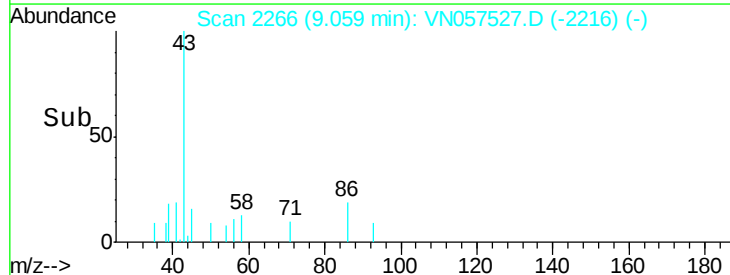
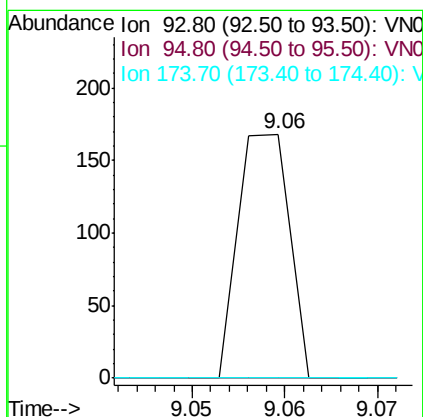
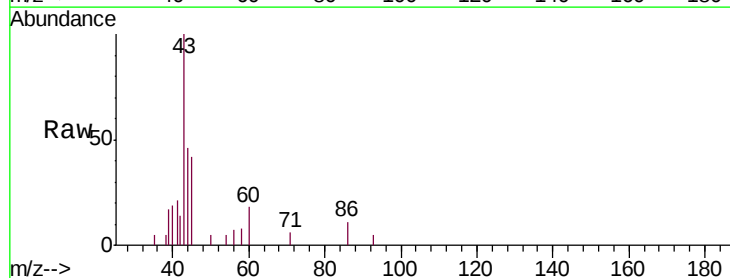
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-J-(1.9)

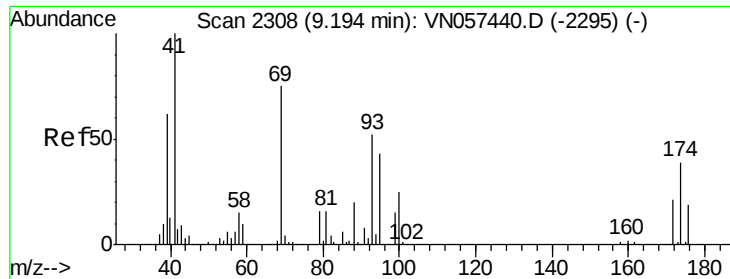
Tgt Ion: 43 Resp: 96484
Ion Ratio Lower Upper
43 100
61 17.2 14.5 21.7
87 10.7 8.6 12.8



#46
Dibromomethane
Concen: Below Cal
RT: 9.06 min Scan# 2266
Delta R.T. -0.14 min
Lab File: VN057527.D
Acq: 26 Aug 2019 22:29

Tgt Ion: 93 Resp: 65
Ion Ratio Lower Upper
93 100
95 0.0 64.7 97.1#
174 0.0 62.3 93.5#

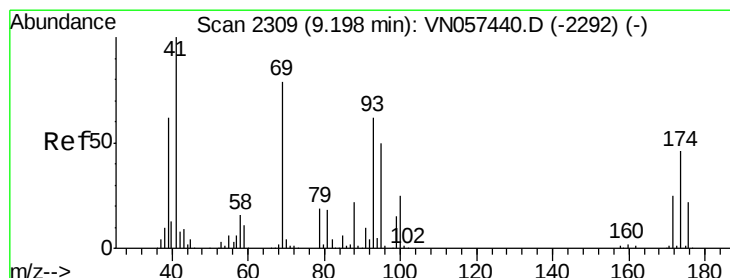
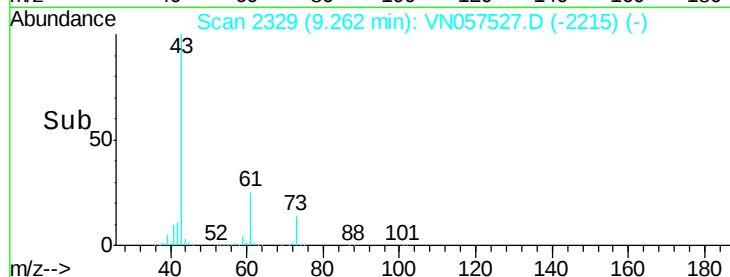
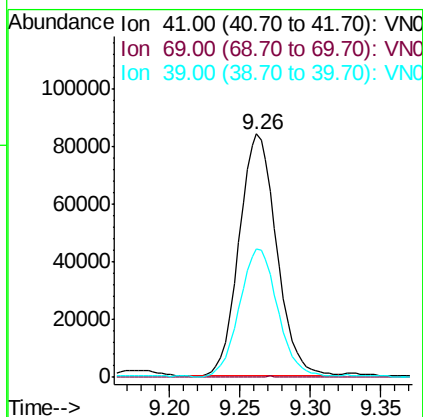
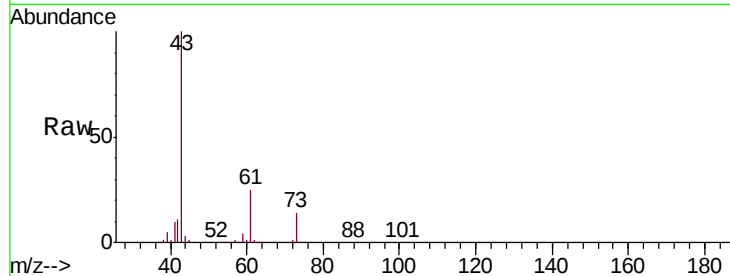




#48
Methyl methacrylate
Concen: 27.877 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.07 min
Lab File: VN057527.D
Acq: 26 Aug 2019 22:29

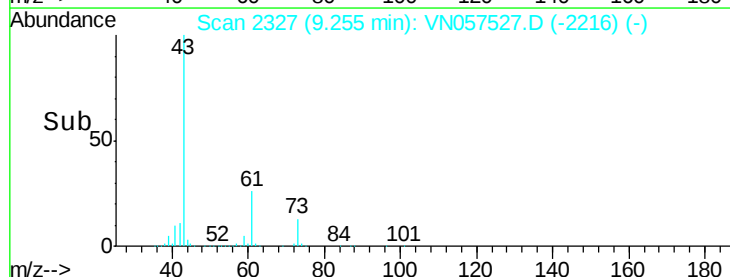
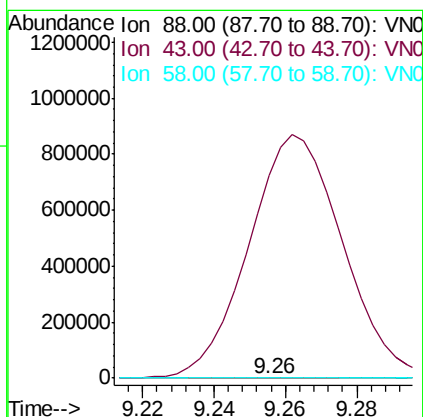
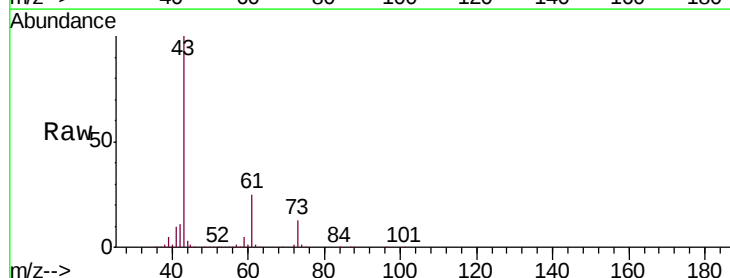
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-J-(1.9)

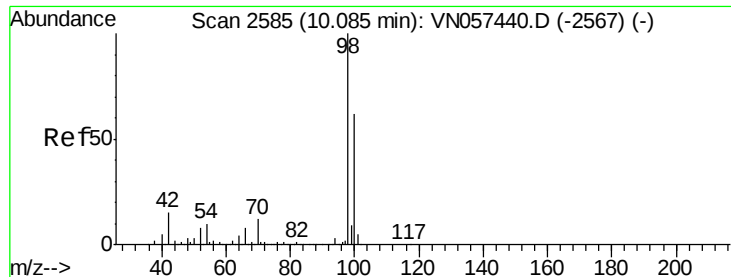
Tgt Ion: 41 Resp: 156939
Ion Ratio Lower Upper
41 100
69 0.2 59.3 88.9#
39 53.3 50.6 75.8



#49
1,4-Dioxane
Concen: 6.428 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.06 min
Lab File: VN057527.D
Acq: 26 Aug 2019 22:29

Tgt Ion: 88 Resp: 468
Ion Ratio Lower Upper
88 100
43 342150.6 31.0 46.6#
58 1417.3 64.5 96.7#





#50

Toluene-d8

Concen: 52.562 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057527.D

Acq: 26 Aug 2019 22:29

Instrument :

MSVOA_N

ClientSampleId :

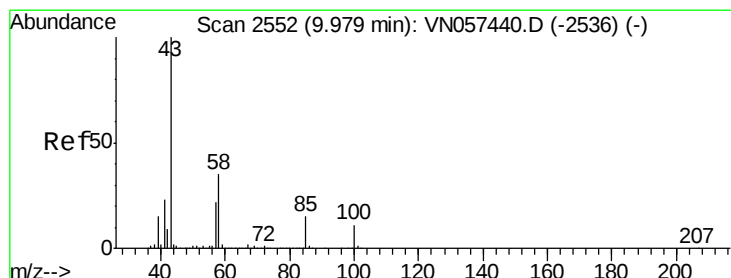
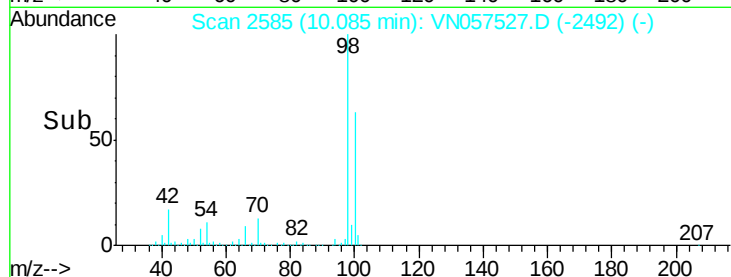
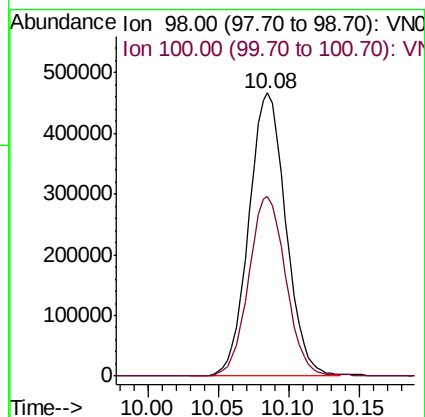
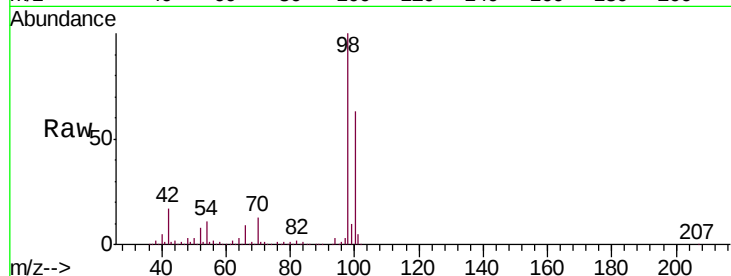
T9-12-13-J-(1.9)

Tgt Ion: 98 Resp: 858486

Ion Ratio Lower Upper

98 100

100 64.0 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 1.091 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057527.D

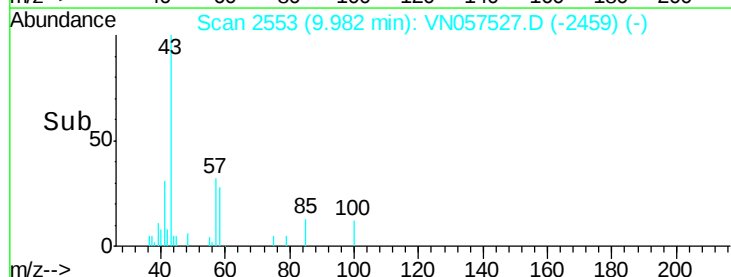
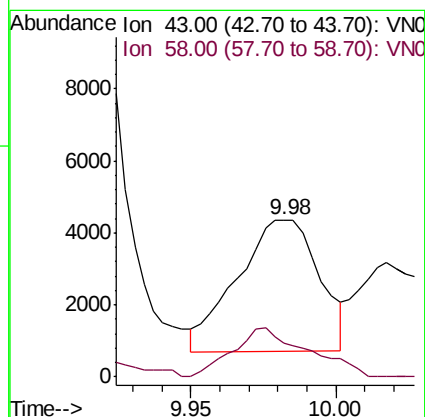
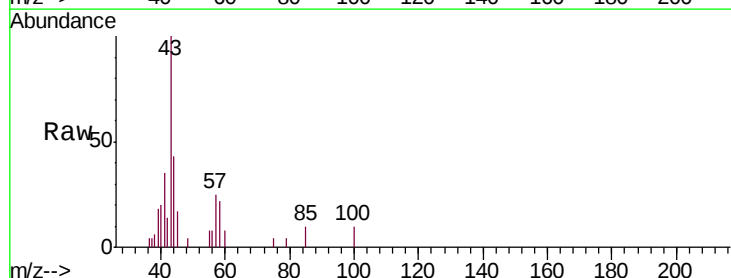
Acq: 26 Aug 2019 22:29

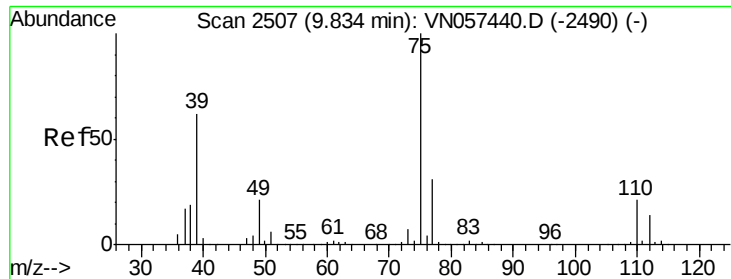
Tgt Ion: 43 Resp: 7200

Ion Ratio Lower Upper

43 100

58 34.1 27.9 41.9





#54

cis-1,3-Dichloropropene

Concen: 4.779 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057527.D

Acq: 26 Aug 2019 22:29

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-J-(1.9)

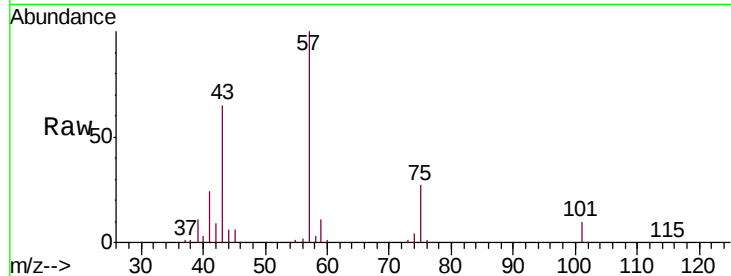
Tgt Ion: 75 Resp: 40616

Ion Ratio Lower Upper

75 100

77 0.9 25.0 37.6#

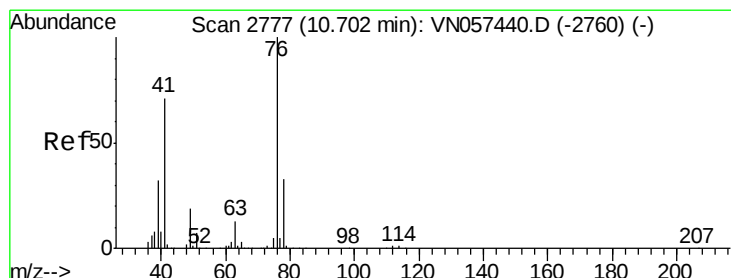
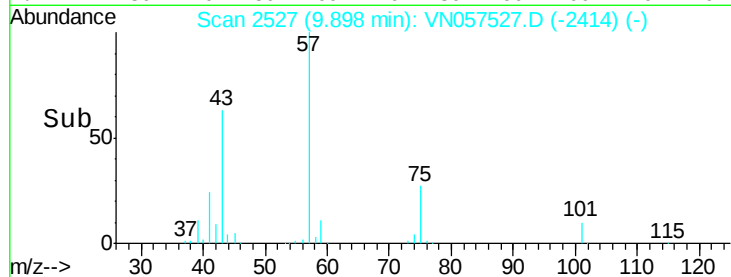
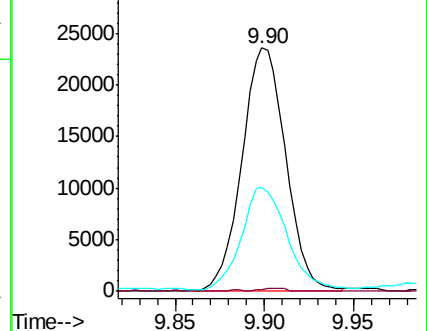
39 42.0 49.2 73.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.789 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057527.D

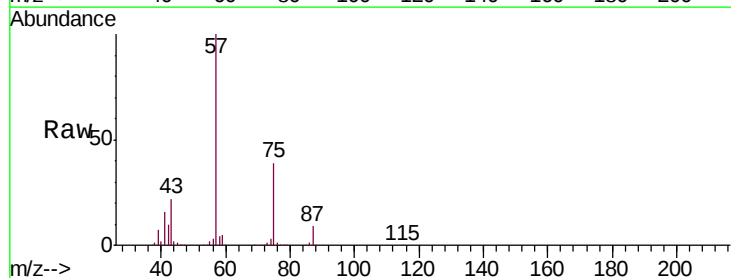
Acq: 26 Aug 2019 22:29

Tgt Ion: 76 Resp: 6280

Ion Ratio Lower Upper

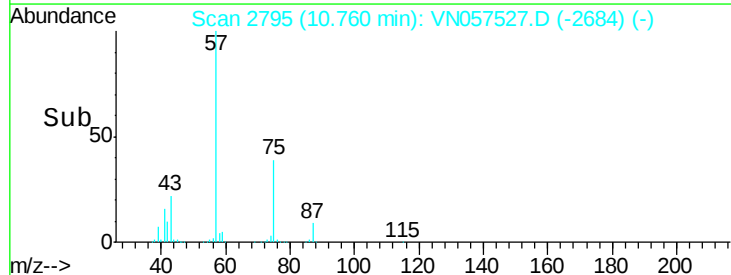
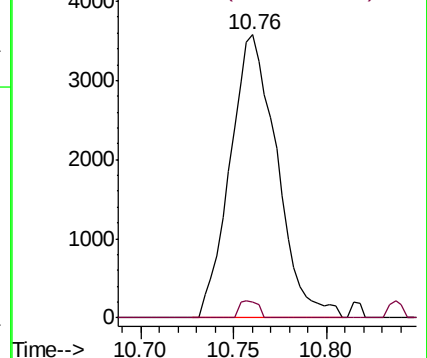
76 100

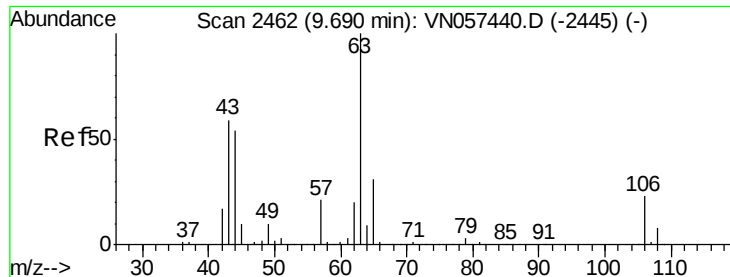
78 2.4 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

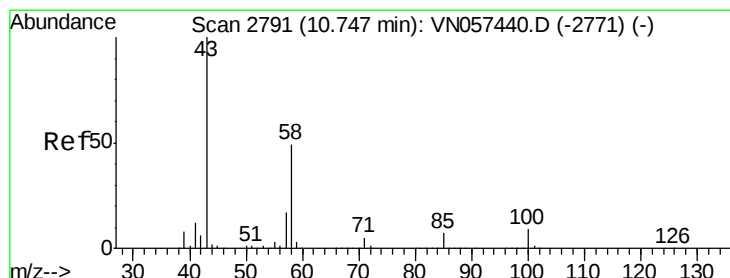
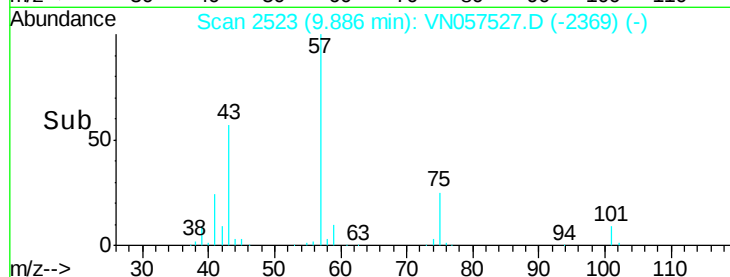
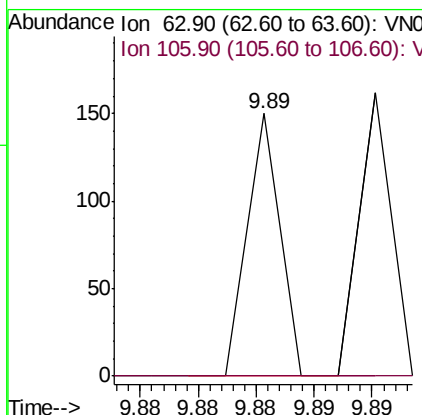
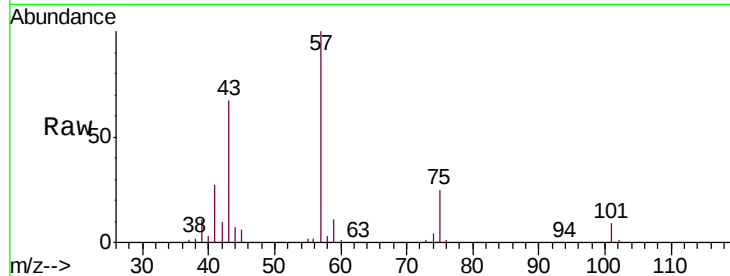




#58
 2-Chloroethyl Vinyl ether
 Concen: 17.078 ug/l
 RT: 9.89 min Scan# 2523
 Delta R.T. 0.20 min
 Lab File: VN057527.D
 Acq: 26 Aug 2019 22:29

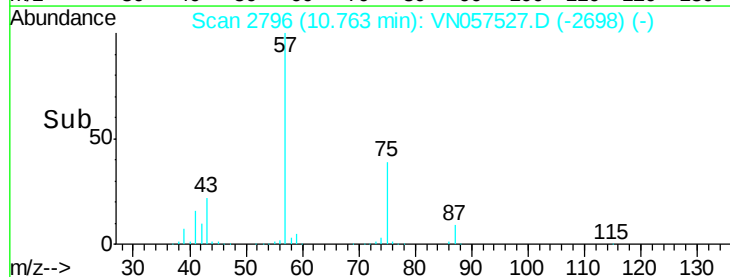
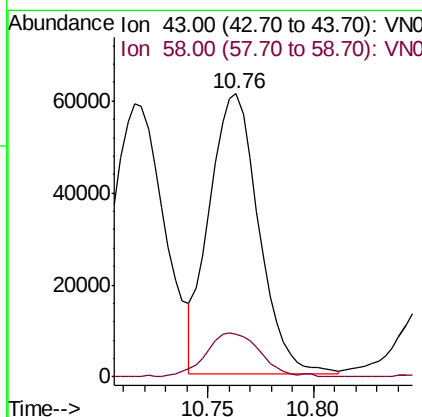
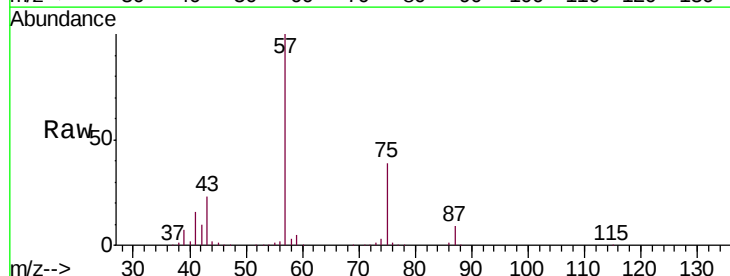
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-J-(1.9)

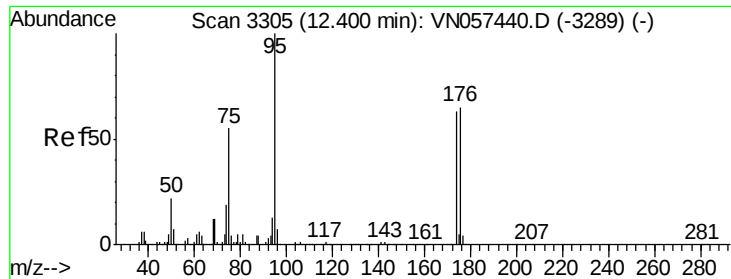
Tgt Ion: 63 Resp: 29
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#



#59
 2-Hexanone
 Concen: 21.815 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.02 min
 Lab File: VN057527.D
 Acq: 26 Aug 2019 22:29

Tgt Ion: 43 Resp: 98726
 Ion Ratio Lower Upper
 43 100
 58 17.6 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 44.517 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057527.D

Acq: 26 Aug 2019 22:29

Instrument :

MSVOA_N

ClientSampled :

T9-12-13-J-(1.9)

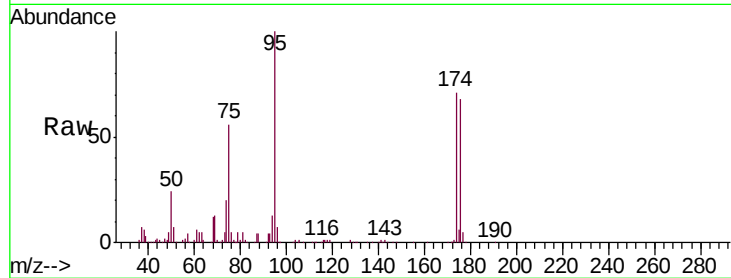
Tgt Ion: 95 Resp: 246398

Ion Ratio Lower Upper

95 100

174 68.0 0.0 133.0

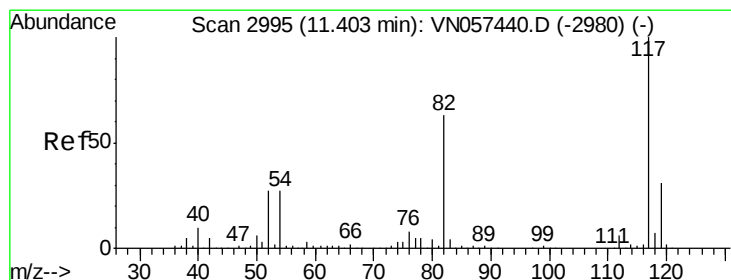
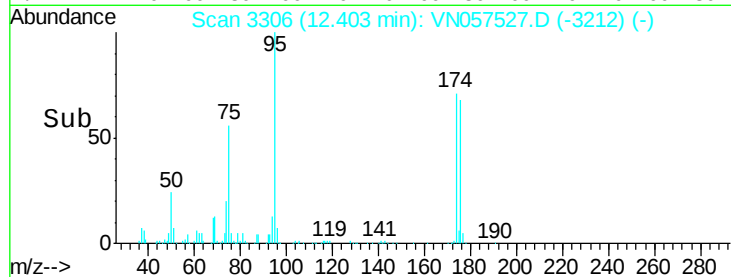
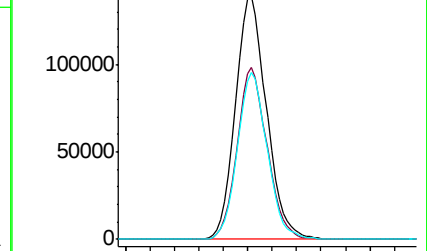
176 65.9 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057527.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN057527.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN057527.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057527.D

Acq: 26 Aug 2019 22:29

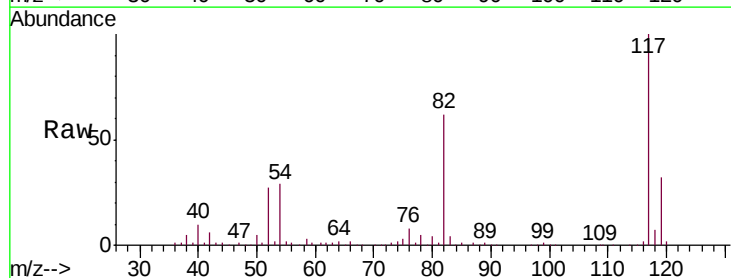
Tgt Ion: 117 Resp: 567198

Ion Ratio Lower Upper

117 100

82 62.4 50.6 75.8

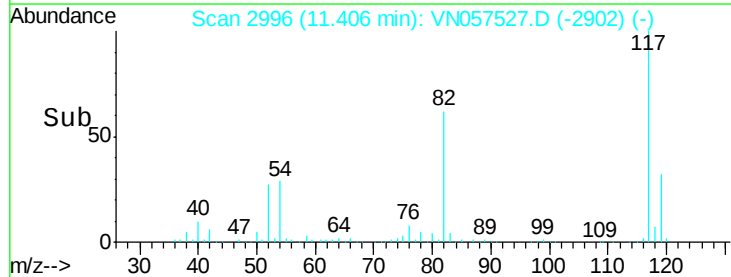
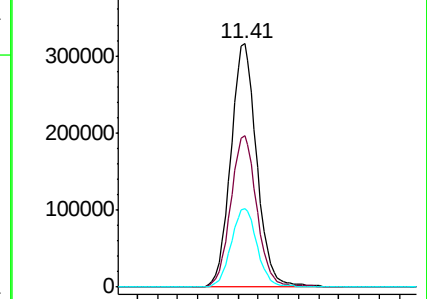
119 32.4 24.6 36.8

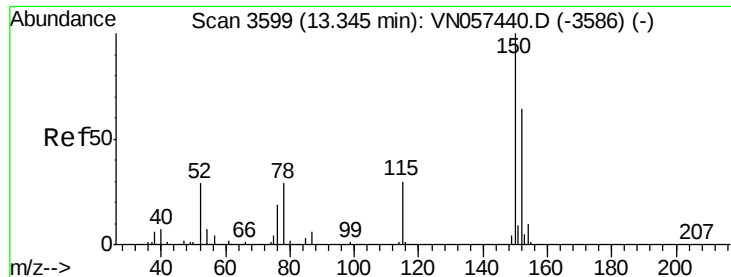


Abundance Ion 116.90 (116.60 to 117.60): VN057527.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN057527.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057527.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057527.D

Acq: 26 Aug 2019 22:29

Instrument :

MSVOA_N

ClientSampled :

T9-12-13-J-(1.9)

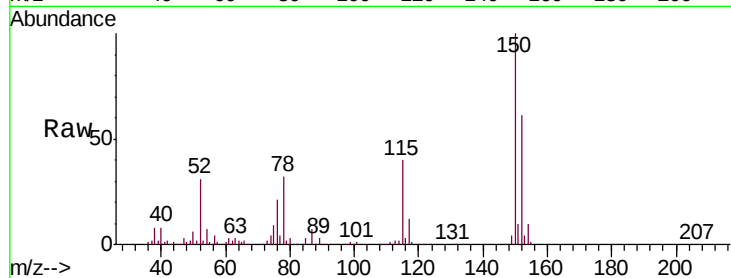
Tgt Ion:152 Resp: 146793

Ion Ratio Lower Upper

152 100

115 65.5 32.0 96.0

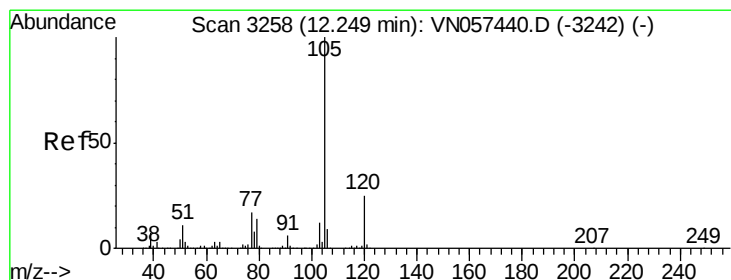
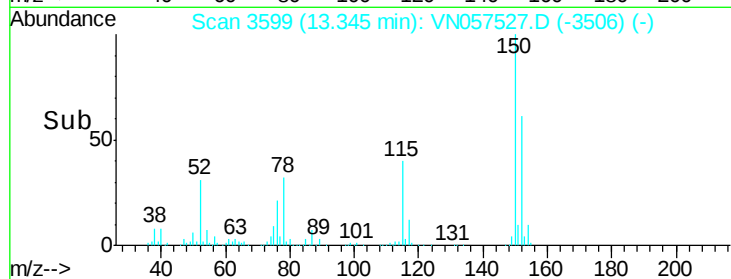
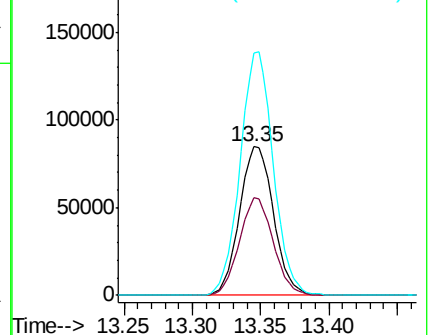
150 159.9 0.0 346.6



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: 12.12 min Scan# 3219

Delta R.T. -0.12 min

Lab File: VN057527.D

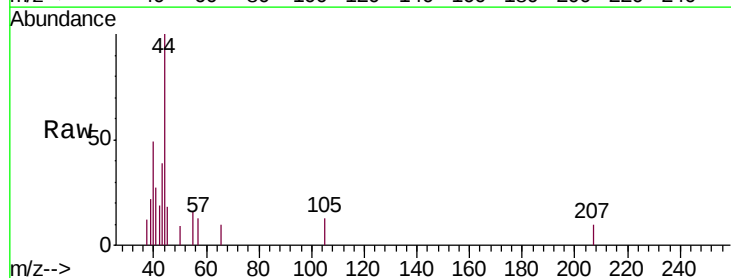
Acq: 26 Aug 2019 22:29

Tgt Ion:105 Resp: 82

Ion Ratio Lower Upper

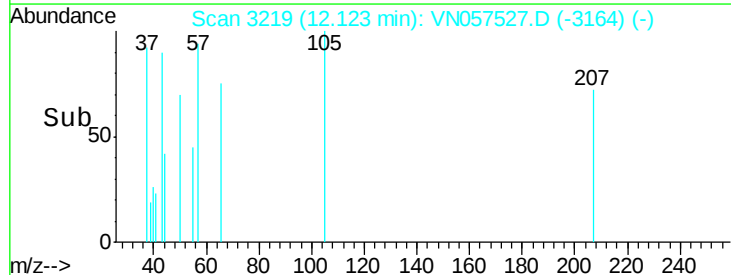
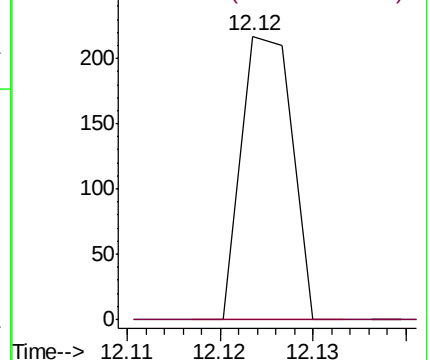
105 100

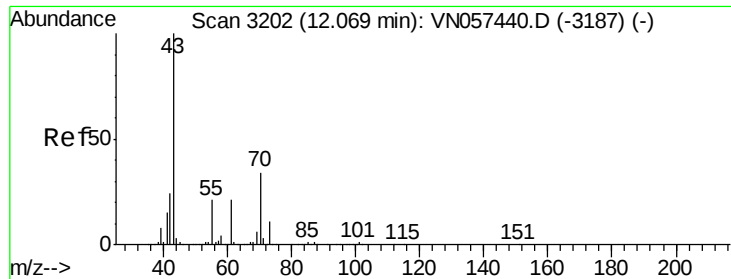
120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: Below Cal

RT: 12.03 min Scan# 3191

Delta R.T. -0.03 min

Lab File: VN057527.D

Acq: 26 Aug 2019 22:29

Instrument :

MSVOA_N

ClientSampled :

T9-12-13-J-(1.9)

Tgt Ion: 43 Resp: 4241

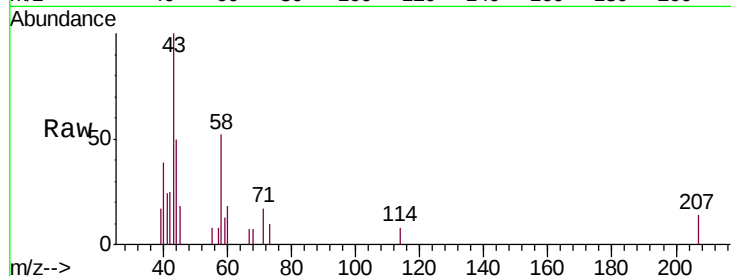
Ion Ratio Lower Upper

43 100

70 5.2 27.8 41.6#

55 4.6 17.0 25.4#

61 0.0 17.0 25.6#

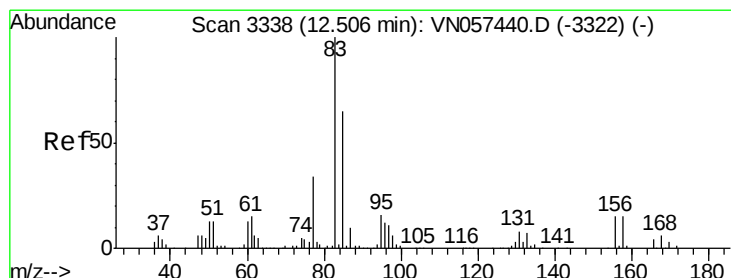
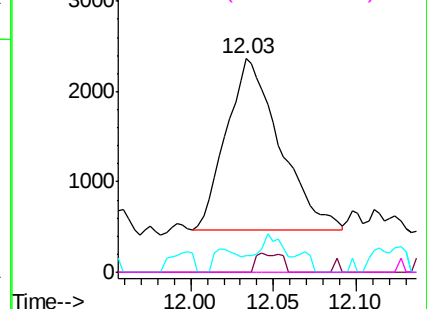
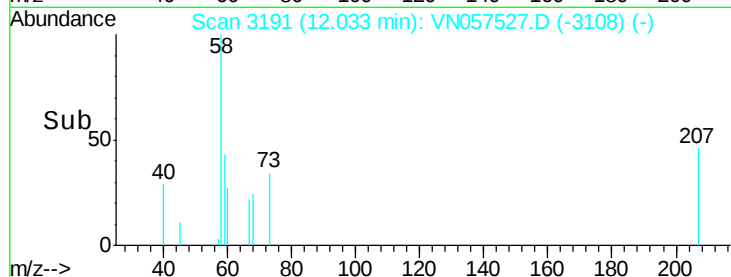


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.45 min Scan# 3320

Delta R.T. -0.06 min

Lab File: VN057527.D

Acq: 26 Aug 2019 22:29

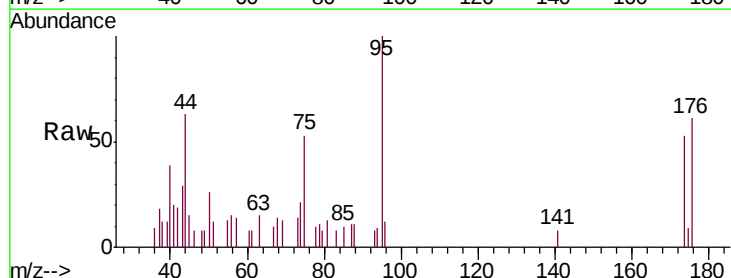
Tgt Ion: 83 Resp: 31

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

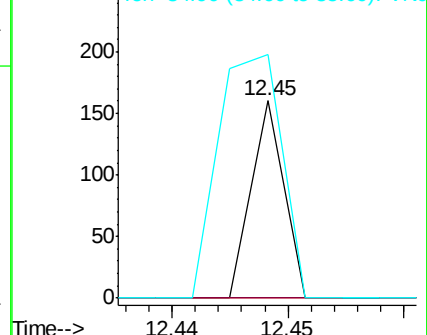
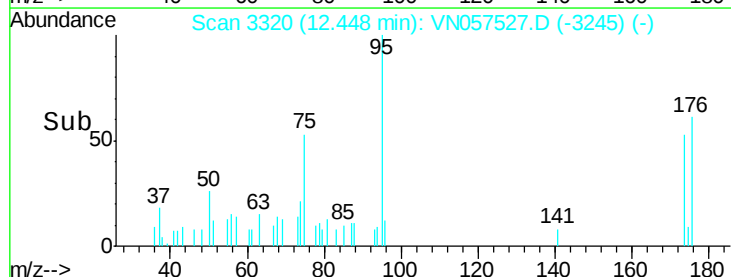
85 238.7 32.3 96.8#

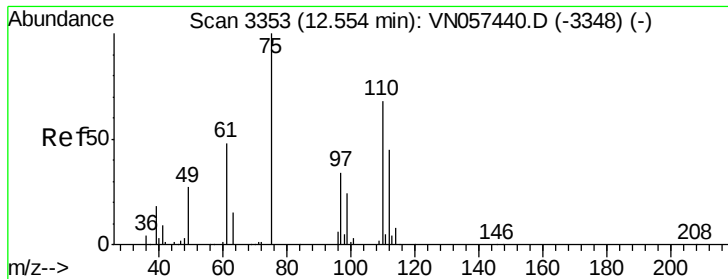


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 42.995 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057527.D

Acq: 26 Aug 2019 22:29

Instrument :

MSVOA_N

ClientSampleId :

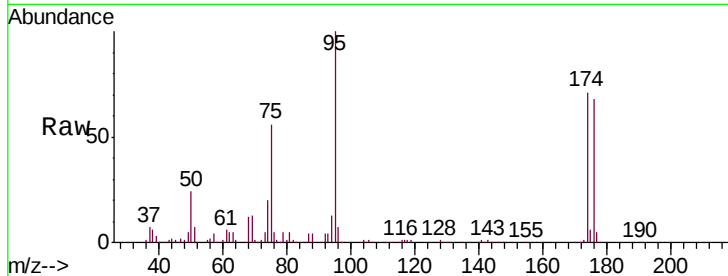
T9-12-13-J-(1.9)

Tgt Ion: 75 Resp: 141398

Ion Ratio Lower Upper

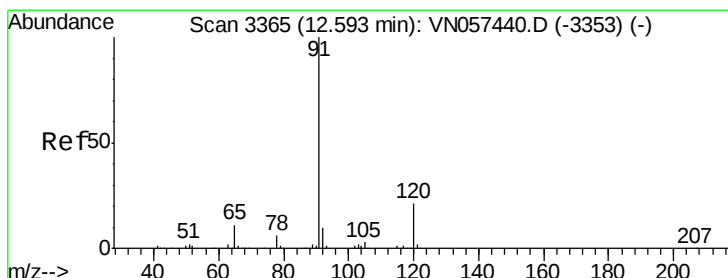
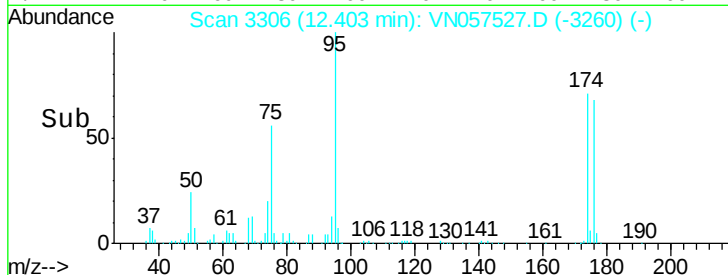
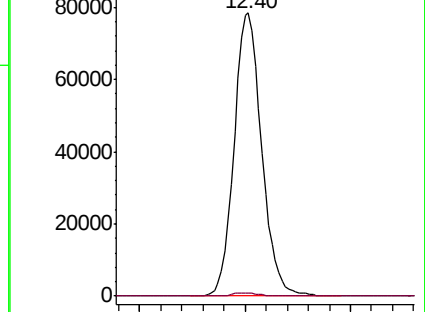
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN057527.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN057527.D (-3260) (-)



#78

n-propylbenzene

Concen: Below Cal

RT: 12.60 min Scan# 3367

Delta R.T. 0.01 min

Lab File: VN057527.D

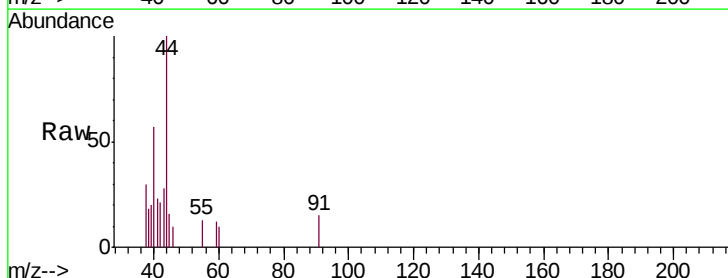
Acq: 26 Aug 2019 22:29

Tgt Ion: 91 Resp: 189

Ion Ratio Lower Upper

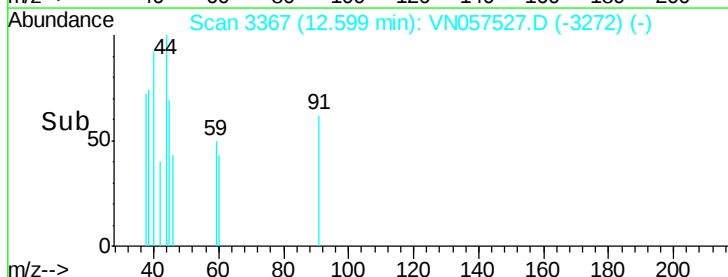
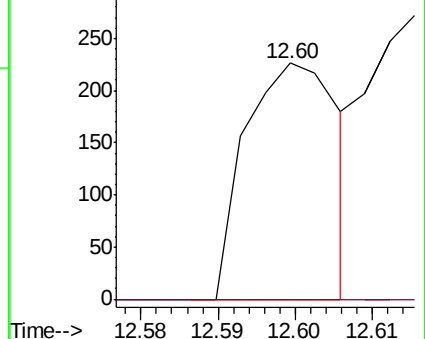
91 100

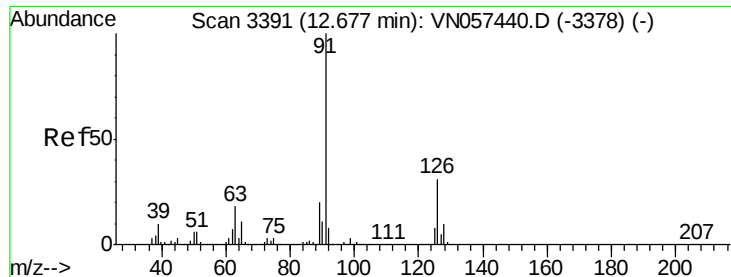
120 0.0 10.7 32.1#



Abundance Ion 91.00 (90.70 to 91.70): VN057527.D (-3272) (-)

Ion 120.00 (119.70 to 120.70): VN057527.D (-3272) (-)





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3388

Delta R.T. -0.01 min

Lab File: VN057527.D

Acq: 26 Aug 2019 22:29

Instrument :

MSVOA_N

ClientSampleId :

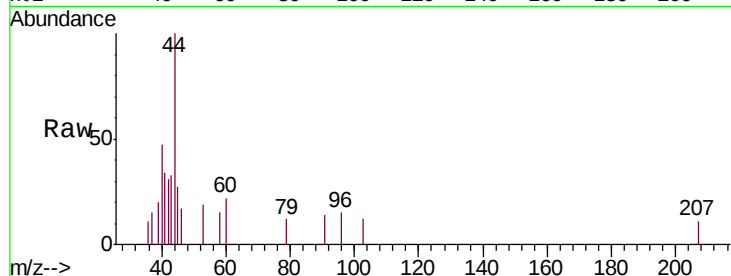
T9-12-13-J-(1.9)

Tgt Ion: 91 Resp: 70

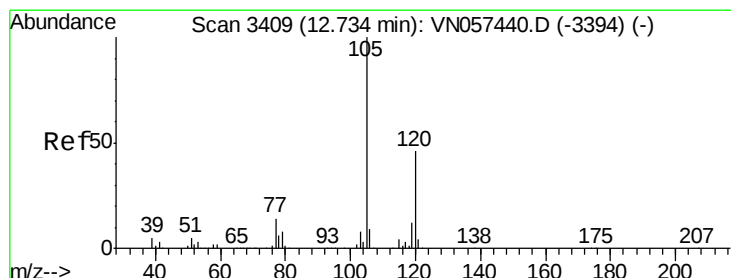
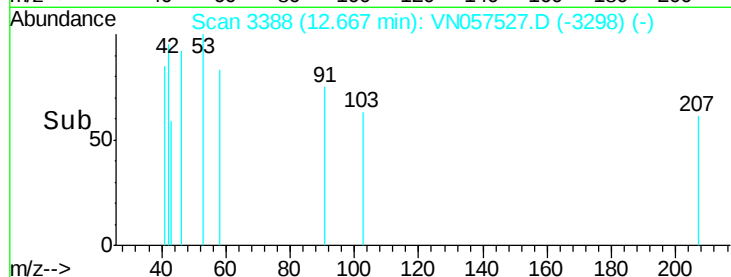
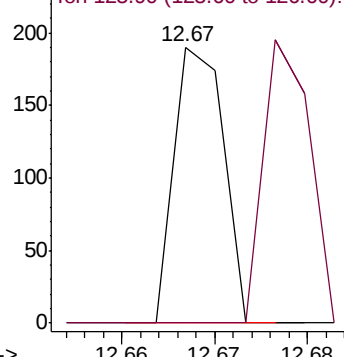
Ion Ratio Lower Upper

91 100

126 97.1 15.3 45.8#



Abundance Ion 91.00 (90.70 to 91.70): VN057527.D (-3298) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057527.D

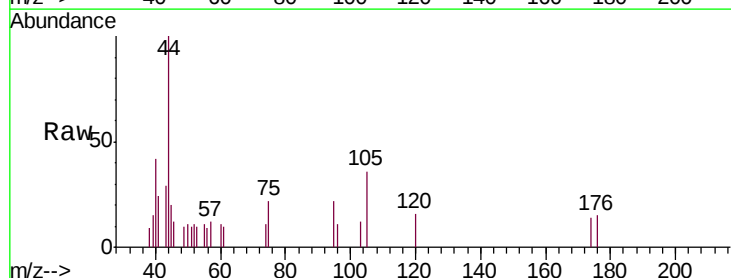
Acq: 26 Aug 2019 22:29

Tgt Ion: 105 Resp: 683

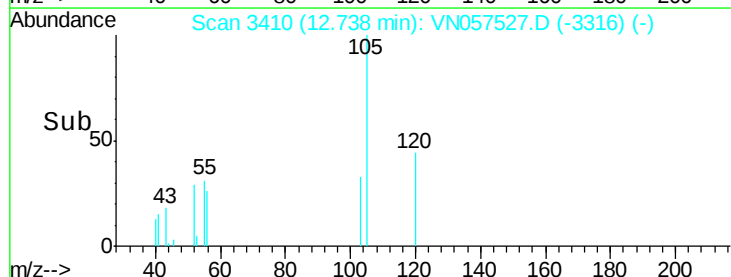
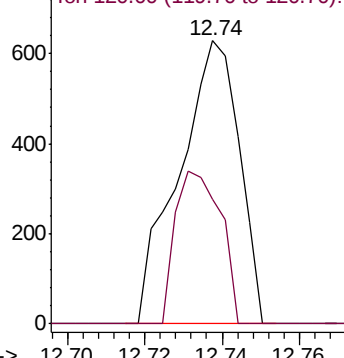
Ion Ratio Lower Upper

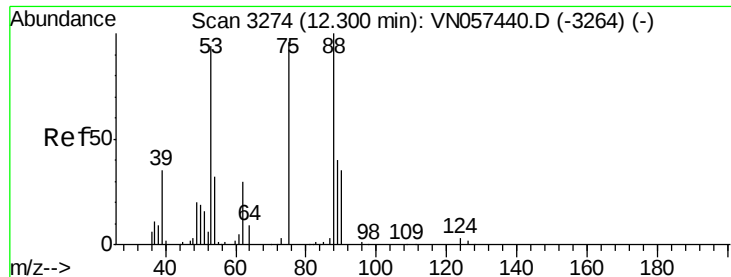
105 100

120 40.1 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): VN057527.D (-3316) (-)

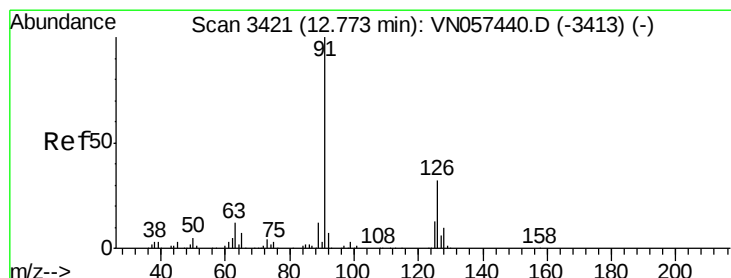
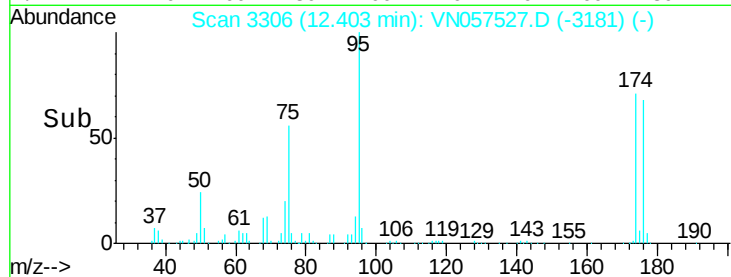
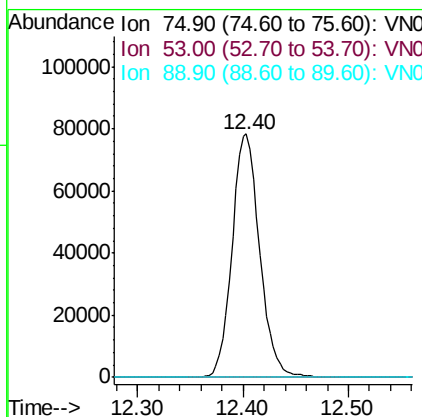
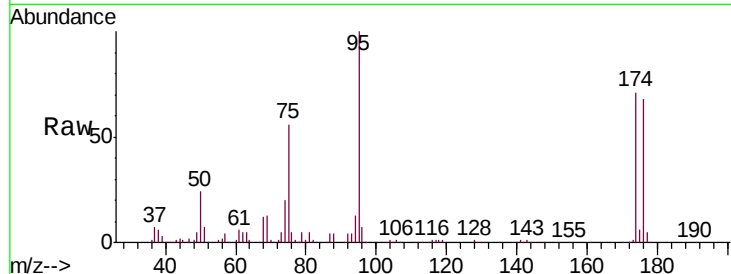




#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.502 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057527.D
 Acq: 26 Aug 2019 22:29

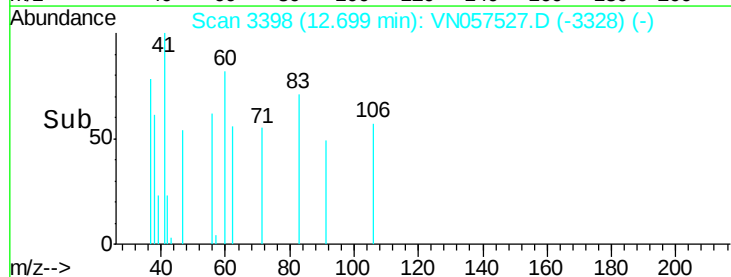
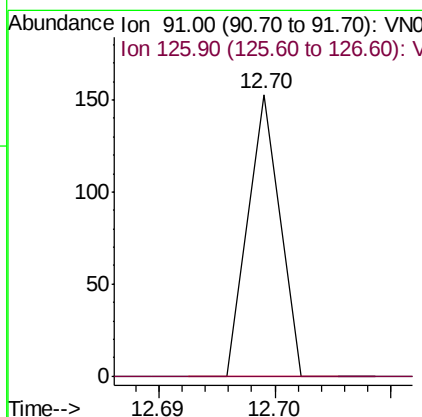
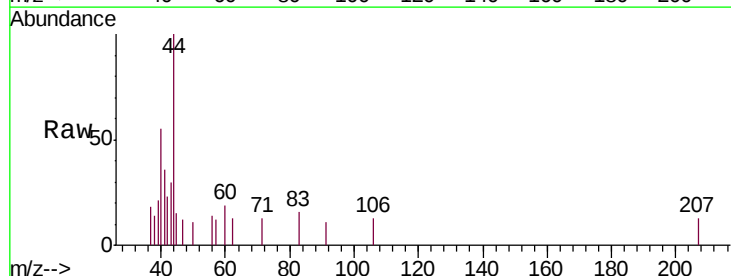
Instrument :
 MSVOA_N
 ClientSampled :
 T9-12-13-J-(1.9)

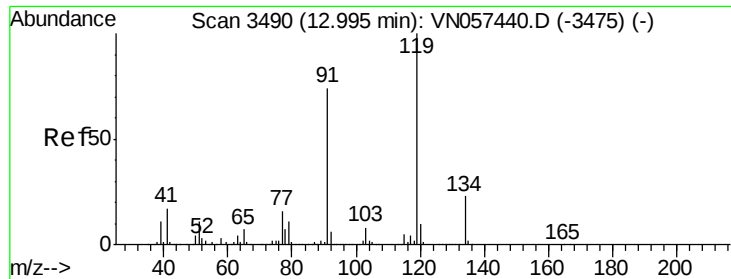
Tgt Ion: 75 Resp: 141398
 Ion Ratio Lower Upper
 75 100
 53 0.1 82.7 124.1#
 89 0.0 35.8 53.8#



#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 12.70 min Scan# 3398
 Delta R.T. -0.07 min
 Lab File: VN057527.D
 Acq: 26 Aug 2019 22:29

Tgt Ion: 91 Resp: 29
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.0 45.0#

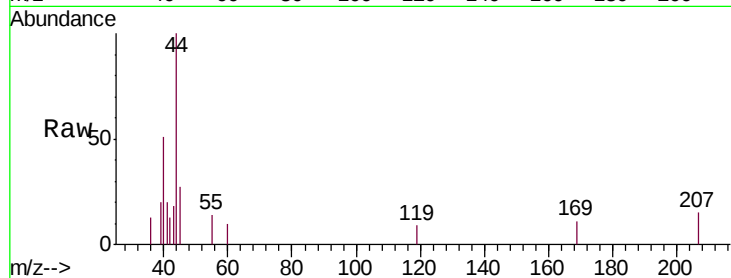




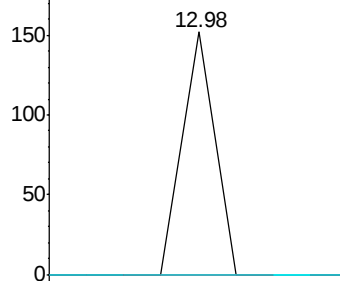
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.98 min Scan# 3486
Delta R.T. -0.01 min
Lab File: VN057527.D
Acq: 26 Aug 2019 22:29

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

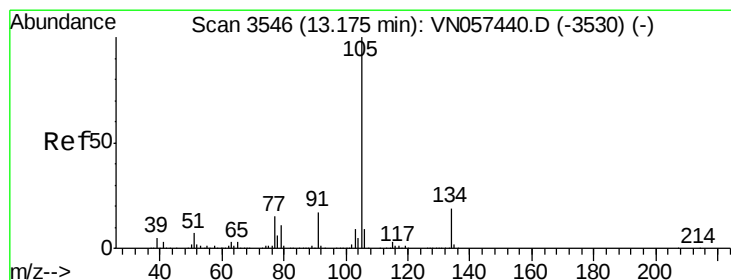
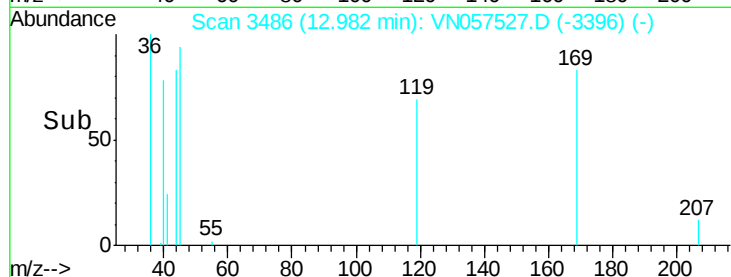
Tgt Ion:119 Resp: 29
Ion Ratio Lower Upper
119 100
91 0.0 37.0 111.0#
134 0.0 12.2 36.6#



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

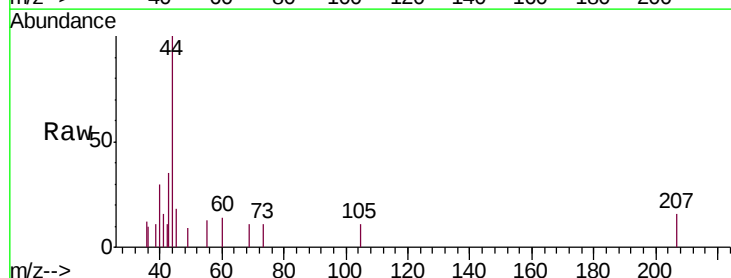


Time--> 12.97 12.98 12.99

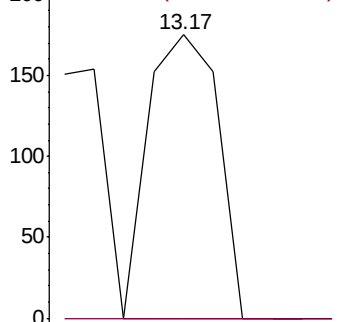


#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN057527.D
Acq: 26 Aug 2019 22:29

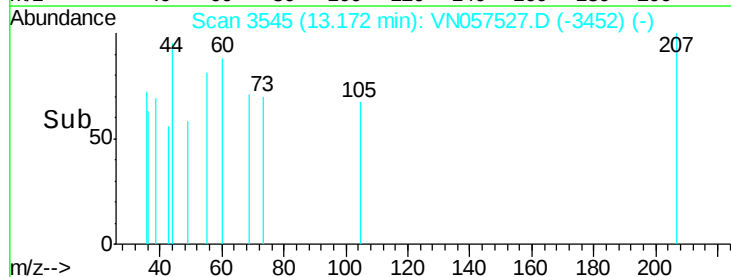
Tgt Ion:105 Resp: 92
Ion Ratio Lower Upper
105 100
134 0.0 9.3 27.9#

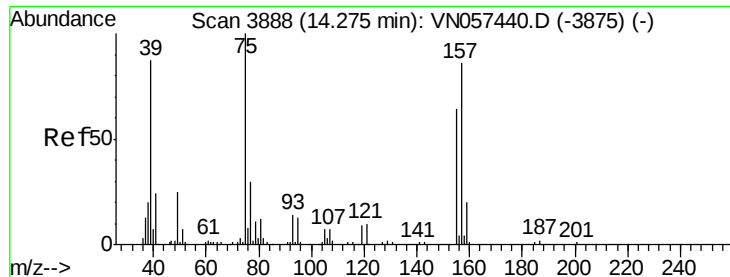


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



Time--> 13.16 13.17 13.18

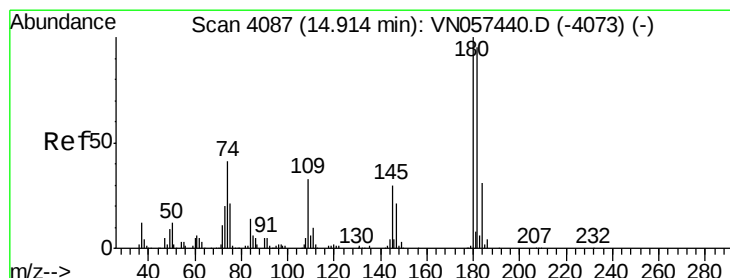
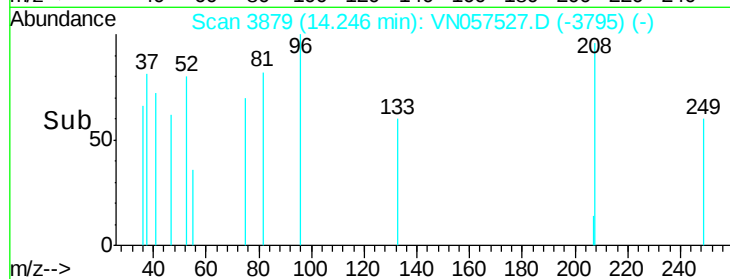
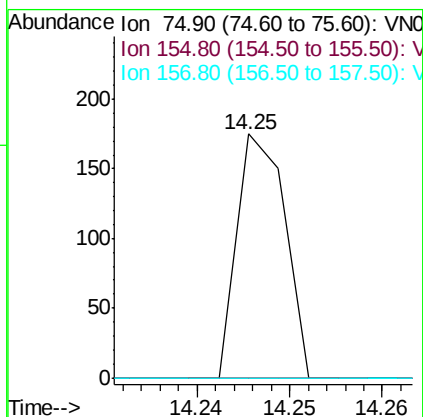
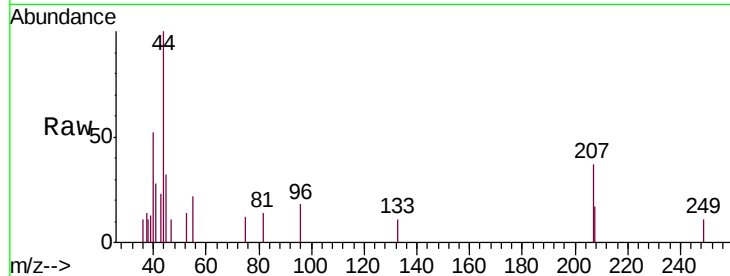




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.03 min
 Lab File: VN057527.D
 Acq: 26 Aug 2019 22:29

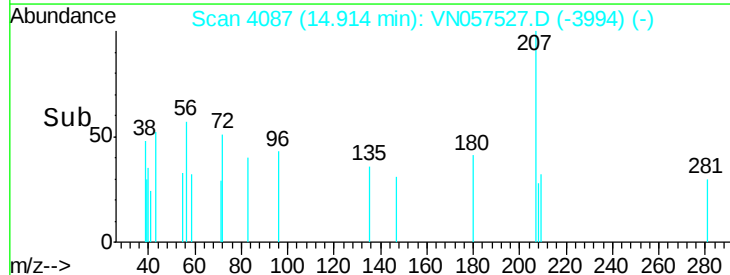
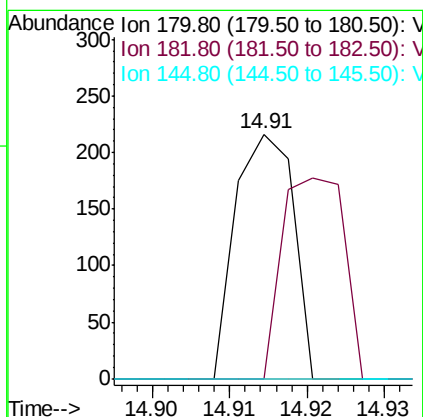
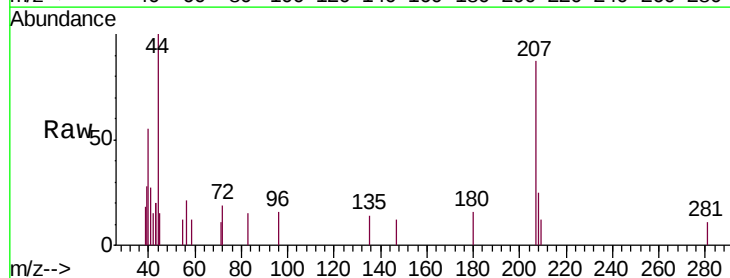
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-J-(1.9)

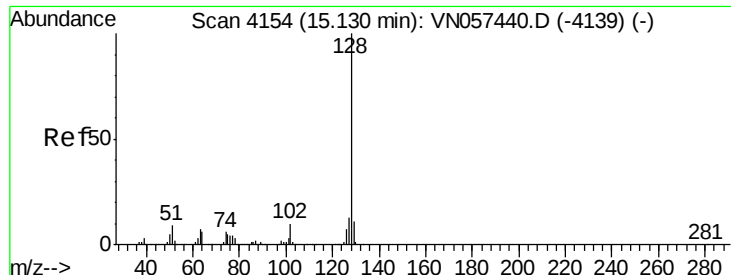
Tgt Ion: 75 Resp: 63
 Ion Ratio Lower Upper
 75 100
 155 0.0 31.6 94.7#
 157 0.0 43.3 129.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.427 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057527.D
 Acq: 26 Aug 2019 22:29

Tgt Ion: 180 Resp: 113
 Ion Ratio Lower Upper
 180 100
 182 88.5 46.7 140.1
 145 0.0 15.6 46.8#





#95

Naphthalene

Concen: 4.388 ug/l

RT: 15.12 min Scan# 4151

Delta R.T. -0.01 min

Lab File: VN057527.D

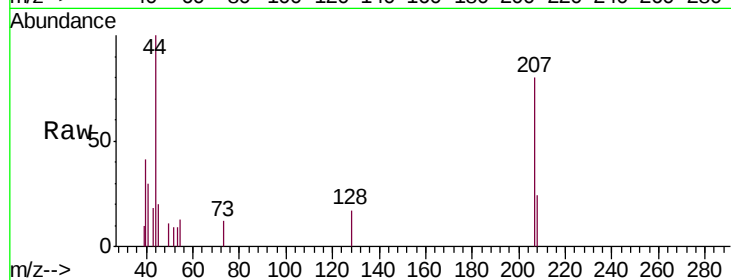
Acq: 26 Aug 2019 22:29

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-J-(1.9)



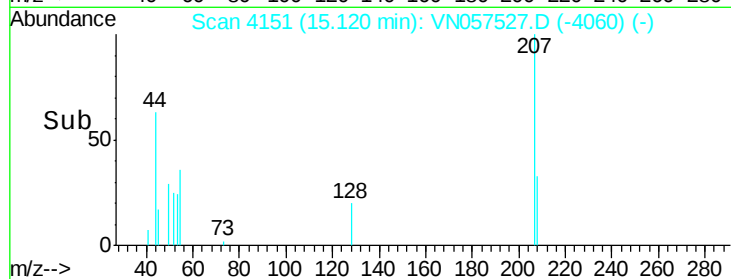
Tgt Ion:128 Resp: 309

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

