

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057529.D
 Acq On : 26 Aug 2019 23:20
 Operator : JC/SP
 Sample : K4493-34
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K2-(0)

Quant Time: Aug 27 07:19:57 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	383991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	683064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	578402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	143178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	324292	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	7.58	113	212603	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
50) Toluene-d8	10.08	98	888090	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.40	95	239421	40.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.00%	
Target Compounds						
8) Diethyl Ether	3.44	74	259	Below Cal	Qvalue	48
9) 1,1,2-Trichlorotrifluoroet	3.62	101	30	Below Cal	#	1
13) Acrolein	3.57	56	181	0.245	ug/l #	81
16) Acetone	3.79	43	4479	1.444	ug/l	98
18) Methyl Acetate	4.31	43	26886	3.122	ug/l	98
20) Methylene Chloride	4.52	84	6493	1.339	ug/l	87
31) Cyclohexane	7.64	56	12314	1.298	ug/l #	47
36) 1,1-Dichloropropene	7.65	75	36831	5.277	ug/l #	52
38) Carbon Tetrachloride	7.64	117	40862	5.893	ug/l #	17
43) Isopropyl Acetate	8.16	43	57723	4.565	ug/l	97
46) Dibromomethane	9.39	93	30	Below Cal	#	10
48) Methyl methacrylate	9.18	41	3799	0.632	ug/l #	15
49) 1,4-Dioxane	9.27	88	118	1.517	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6170	0.875	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	31543	3.475	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	2593	0.305	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.69	63	334	17.210	ug/l #	52
59) 2-Hexanone	10.76	43	45699	9.454	ug/l #	57
71) Bromoform	12.40	173	1242	0.410	ug/l #	1
73) Isopropylbenzene	12.38	105	31	Below Cal	#	50
74) N-amyI acetate	12.04	43	3260	Below Cal	#	52
75) 1,1,2,2-Tetrachloroethane	12.40	83	200	Below Cal	#	28
76) 1,2,3-Trichloropropane	12.40	75	135636	42.217	ug/l #	100
78) n-propylbenzene	12.59	91	132	Below Cal	#	55
79) 2-Chlorotoluene	12.71	91	91	Below Cal		93
80) 1,3,5-Trimethylbenzene	12.73	105	305	Below Cal	#	64
81) trans-1,4-Dichloro-2-buten	12.40	75	135636	108.622	ug/l #	9
82) 4-Chlorotoluene	12.71	91	91	Below Cal		92
83) tert-Butylbenzene	13.06	119	80	Below Cal	#	22
85) sec-Butylbenzene	13.17	105	159	Below Cal	#	58
92) 1,2-Dibromo-3-Chloropropan	14.32	75	145	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.90	180	30	5.387	ug/l #	13
95) Naphthalene	15.13	128	277	4.384	ug/l #	69

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

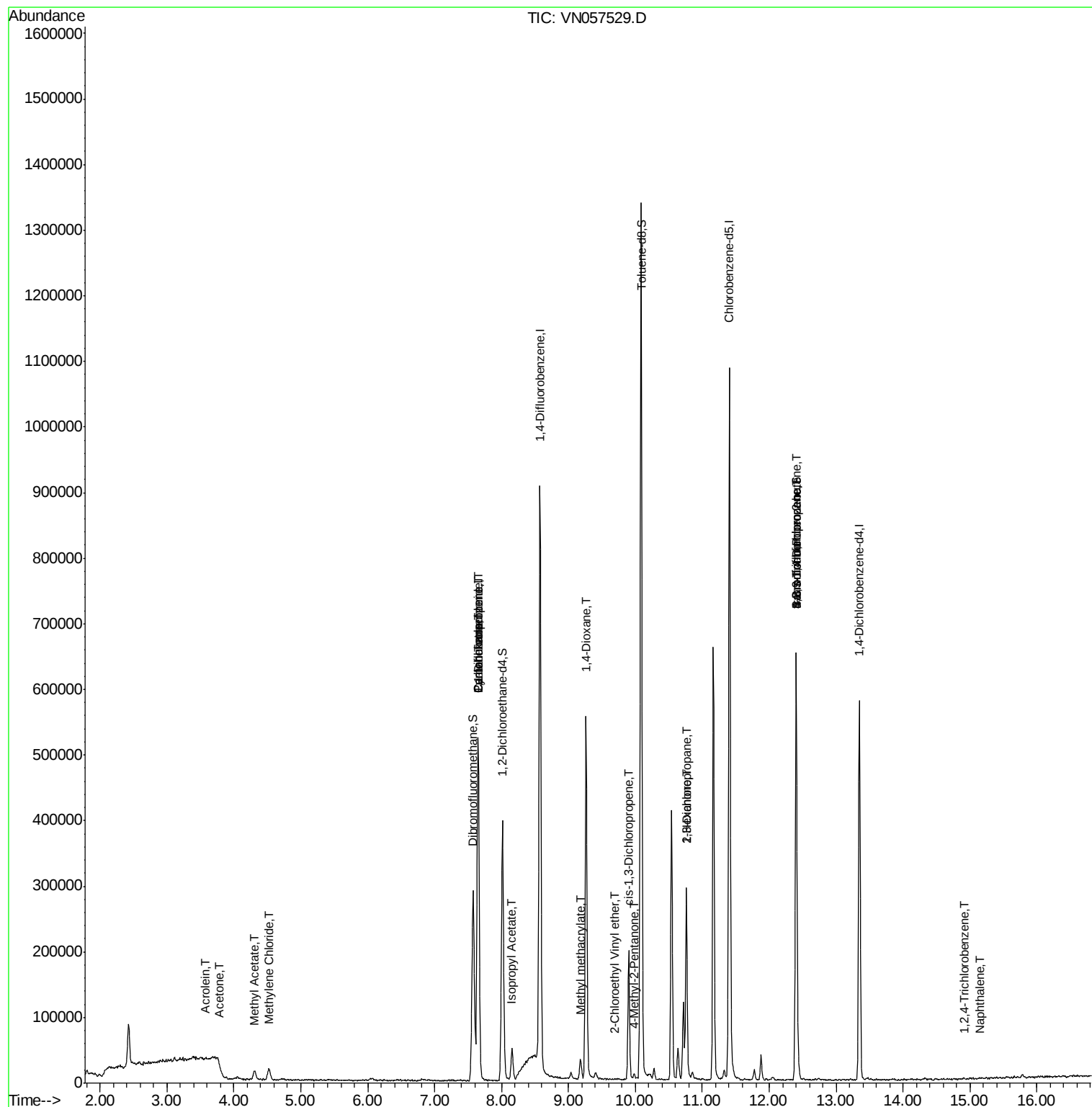
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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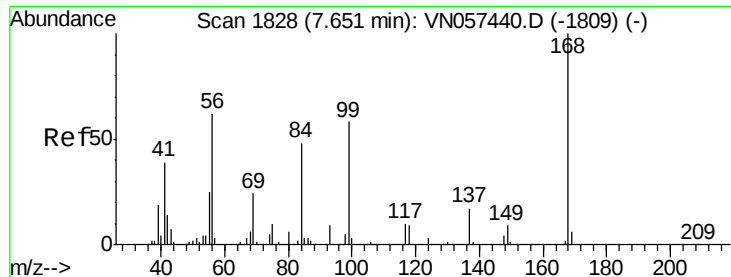
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057529.D

Acq: 26 Aug 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

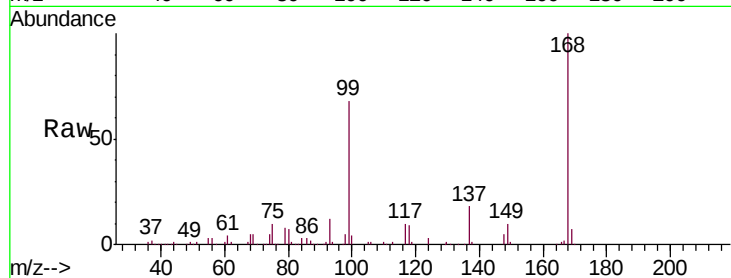
T9-12-13-K2-(0)

Tgt Ion:168 Resp: 383991

Ion Ratio Lower Upper

168 100

99 67.8 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

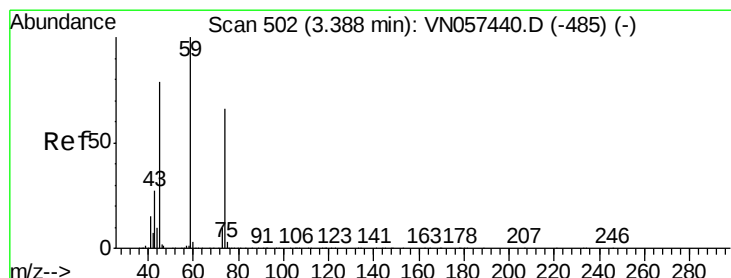
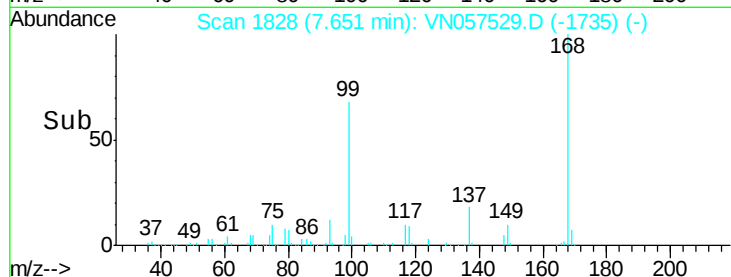
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 3.44 min Scan# 519

Delta R.T. 0.06 min

Lab File: VN057529.D

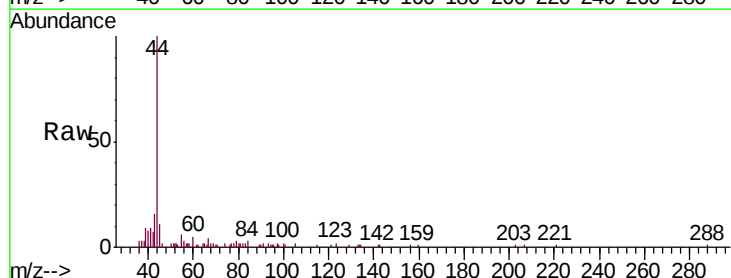
Acq: 26 Aug 2019 23:20

Tgt Ion: 74 Resp: 259

Ion Ratio Lower Upper

74 100

45 172.6 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

2000

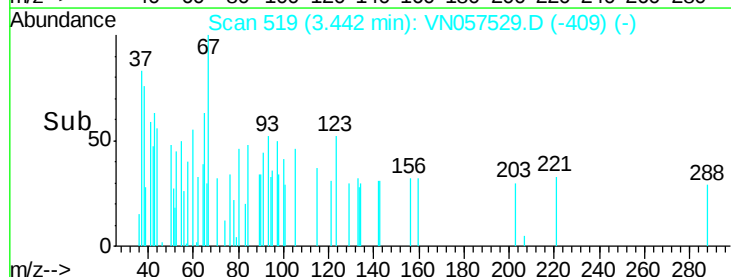
1500

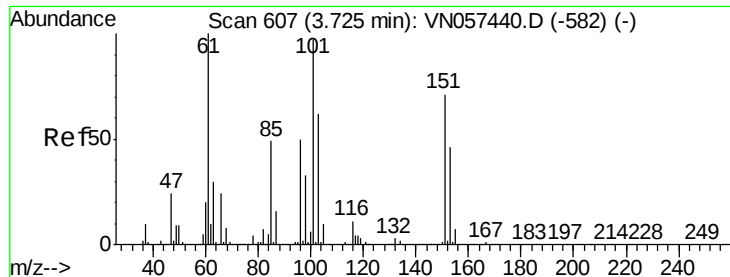
1000

500

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.62 min Scan# 573

Delta R.T. -0.11 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

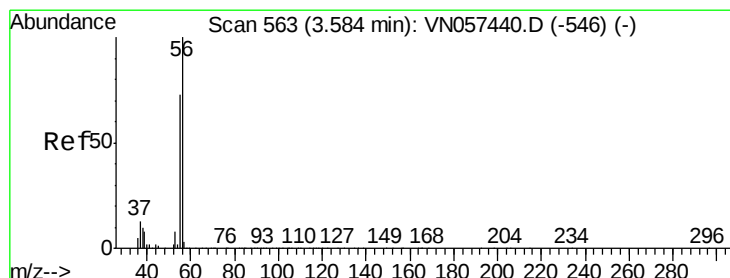
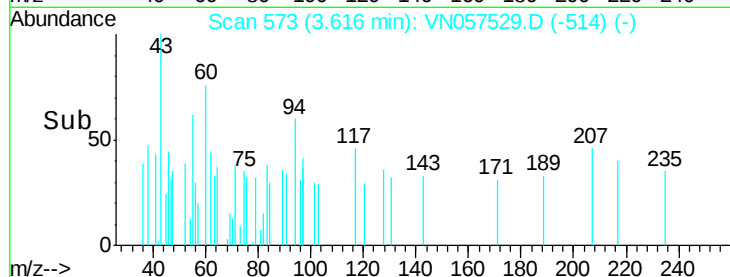
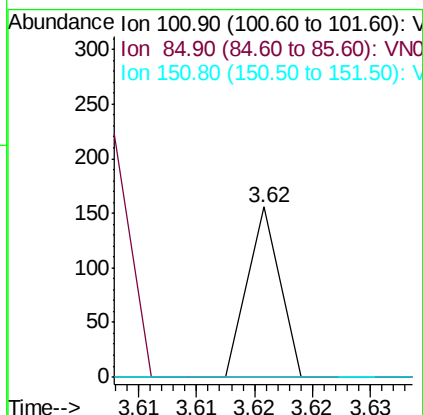
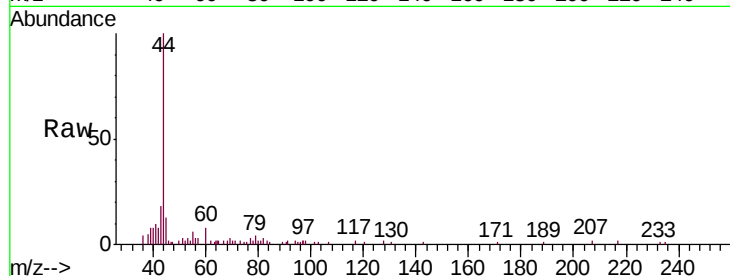
Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K2-(0)

Tgt Ion:	101	Resp:	30
Ion	Ratio	Lower	Upper
101	100		
85	623.3	40.0	60.0#
151	0.0	57.0	85.6#



#13

Acrolein

Concen: 0.245 ug/l

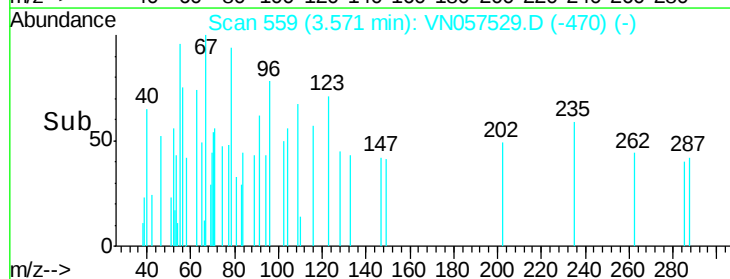
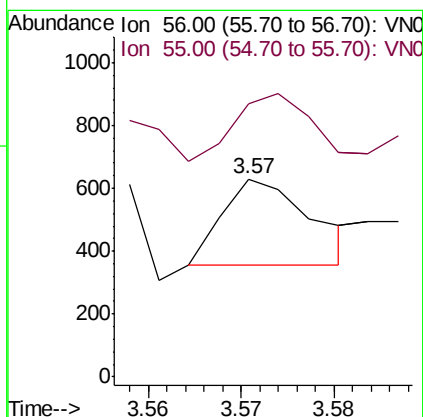
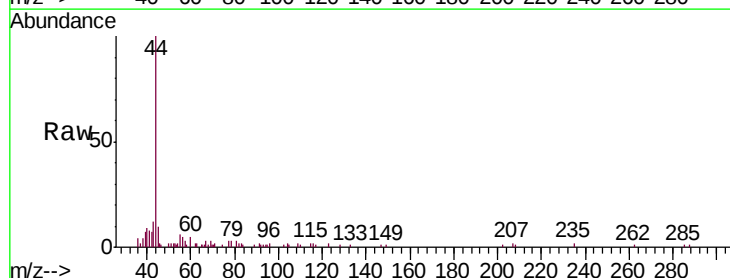
RT: 3.57 min Scan# 559

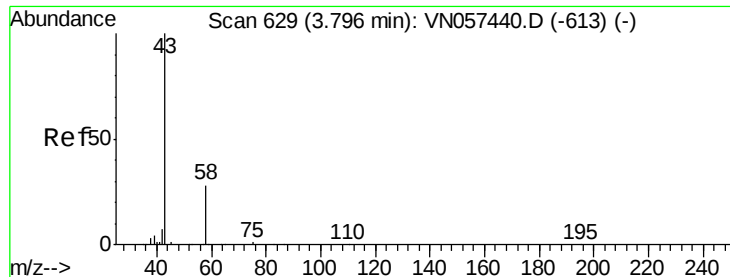
Delta R.T. -0.01 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

Tgt Ion:	56	Resp:	181
Ion	Ratio	Lower	Upper
56	100		
55	58.0	59.0	88.4#

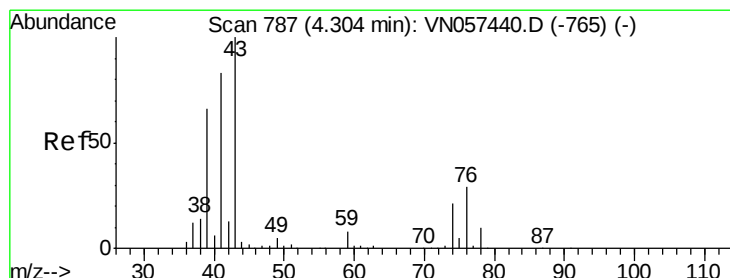
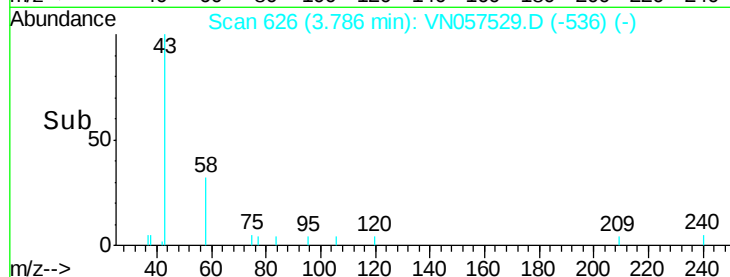
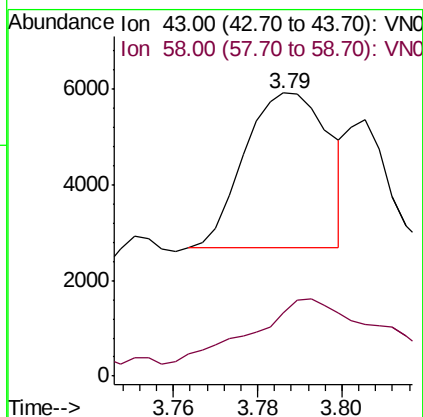
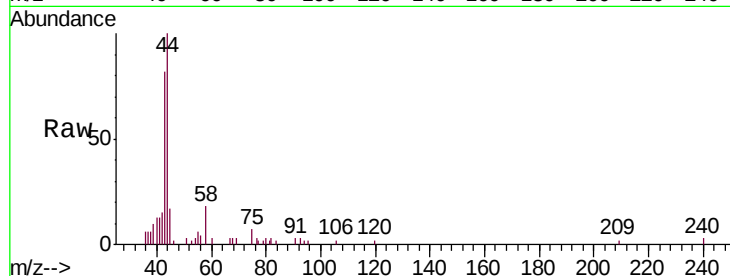




#16
Acetone
Concen: 1.444 ug/l
RT: 3.79 min Scan# 626
Delta R.T. -0.01 min
Lab File: VN057529.D
Acq: 26 Aug 2019 23:20

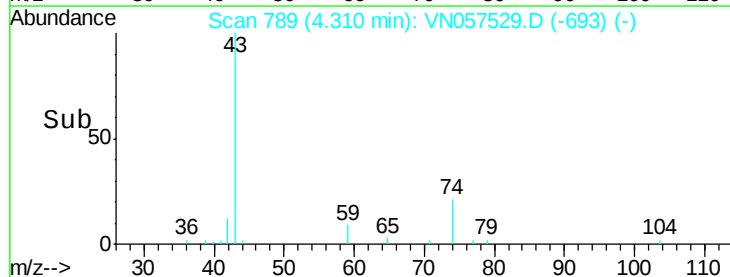
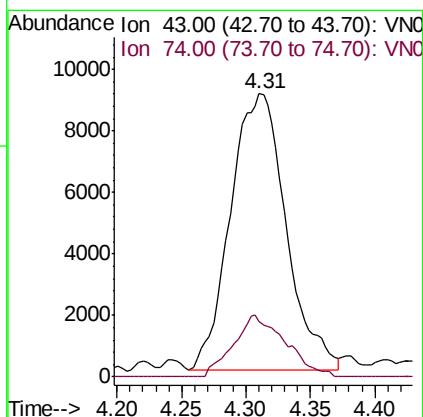
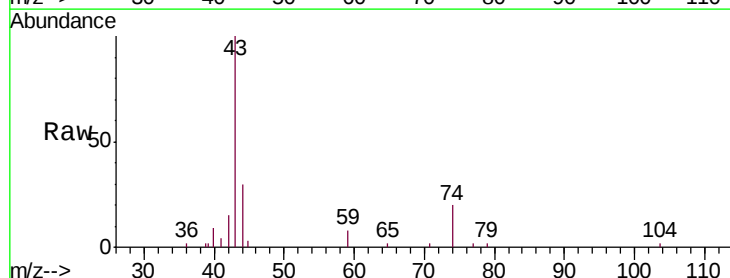
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K2-(0)

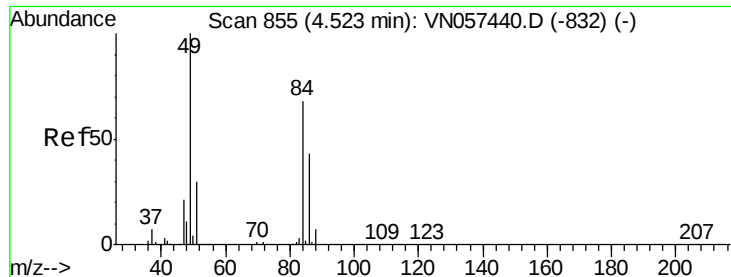
Tgt Ion: 43 Resp: 4479
Ion Ratio Lower Upper
43 100
58 26.6 22.1 33.1



#18
Methyl Acetate
Concen: 3.122 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN057529.D
Acq: 26 Aug 2019 23:20

Tgt Ion: 43 Resp: 26886
Ion Ratio Lower Upper
43 100
74 20.8 15.9 23.9

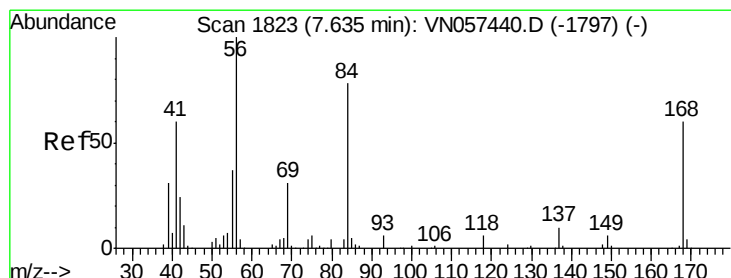
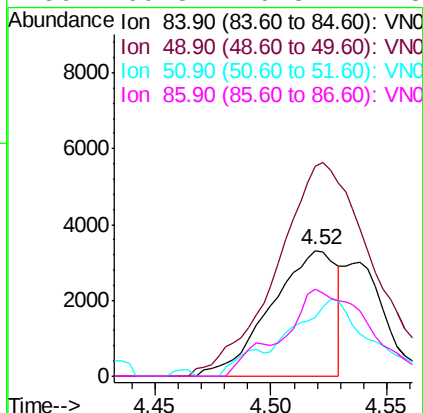
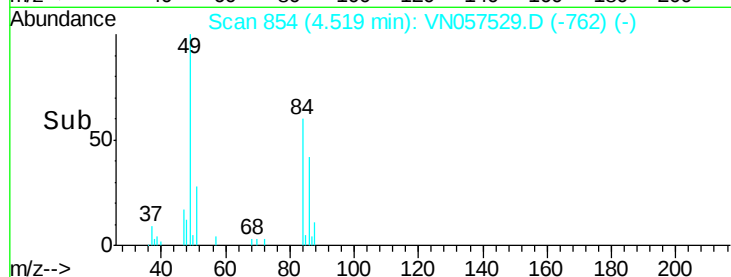
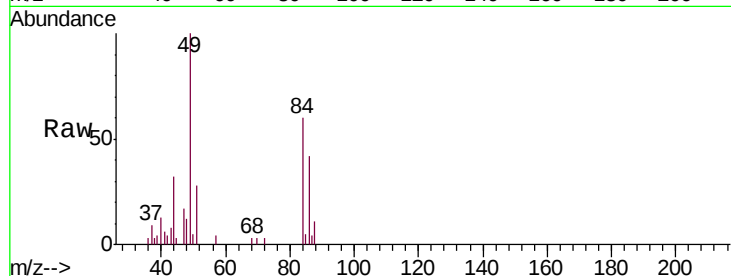




#20
Methylene Chloride
Concen: 1.339 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN057529.D
Acq: 26 Aug 2019 23:20

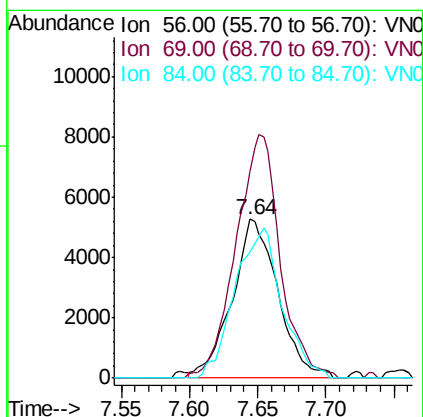
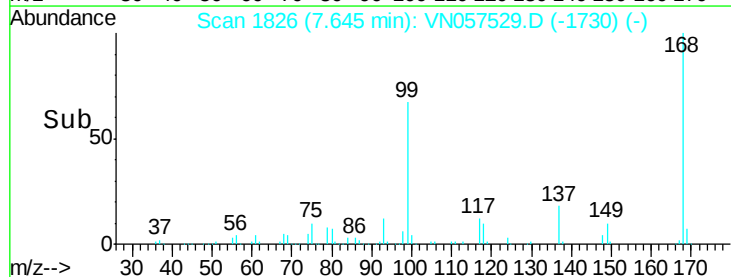
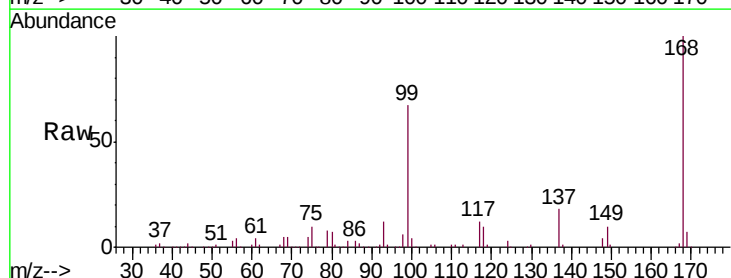
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K2-(0)

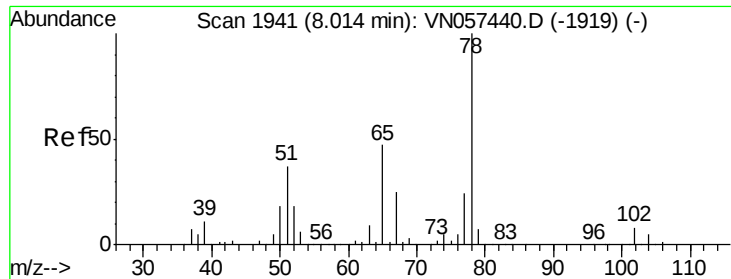
Tgt Ion:	84	Resp:	6493
Ion	Ratio	Lower	Upper
84	100		
49	167.5	117.0	175.4
51	42.1	35.5	53.3
86	69.8	49.8	74.8



#31
Cyclohexane
Concen: 1.298 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN057529.D
Acq: 26 Aug 2019 23:20

Tgt Ion:	56	Resp:	12314
Ion	Ratio	Lower	Upper
56	100		
69	130.3	25.0	37.6#
84	79.7	62.5	93.7





#33

1,2-Dichloroethane-d4

Concen: 48.009 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

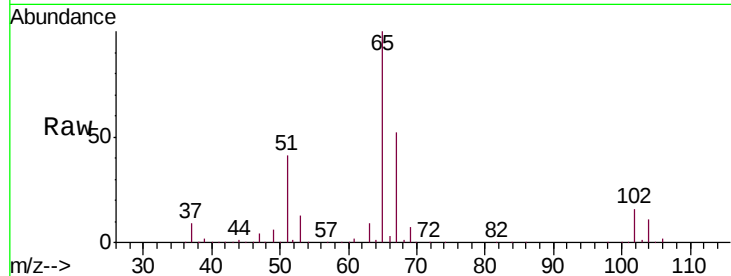
T9-12-13-K2-(0)

Tgt Ion: 65 Resp: 324292

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057529.D (-1848) (-)

Ion 66.90 (66.60 to 67.60): VN057529.D (-1848) (-)

8.01

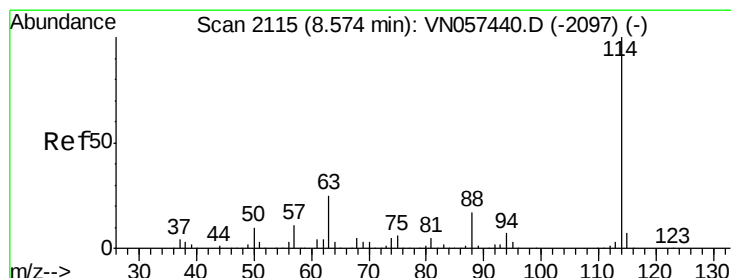
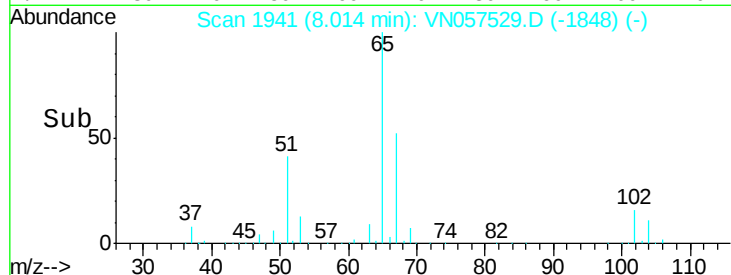
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

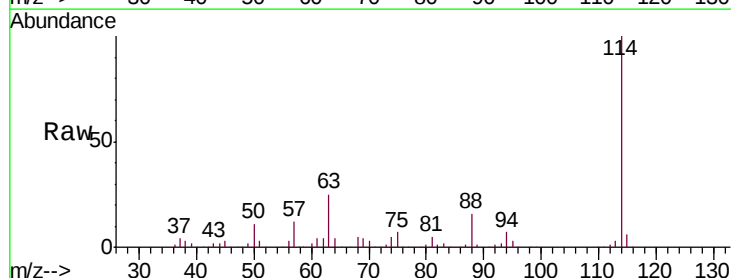
Tgt Ion: 114 Resp: 683064

Ion Ratio Lower Upper

114 100

63 25.3 0.0 50.2

88 16.4 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): VN057529.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN057529.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN057529.D (-2022) (-)

8.57

400000

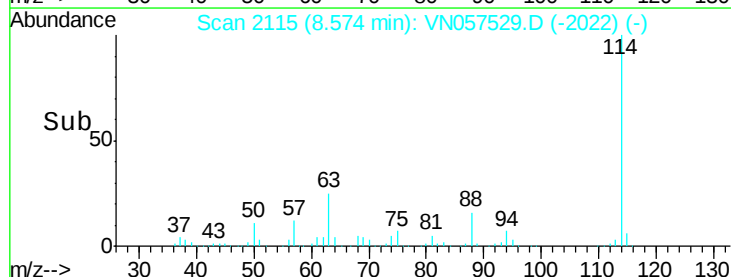
300000

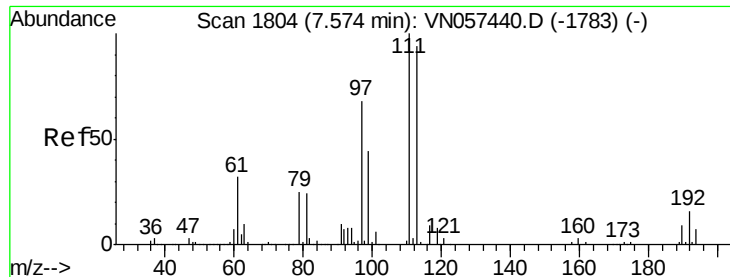
200000

100000

0

Time-->

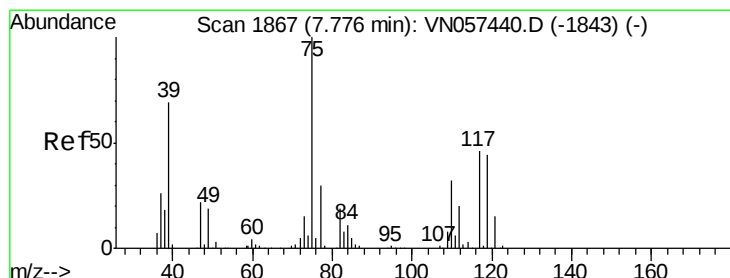
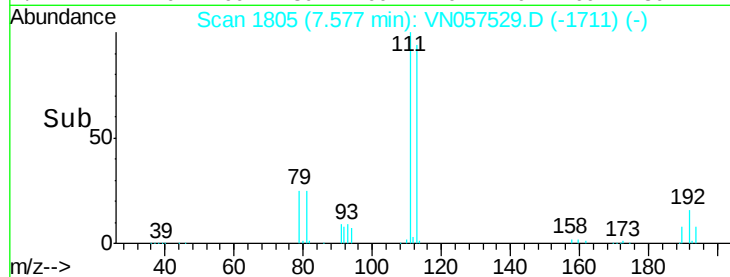
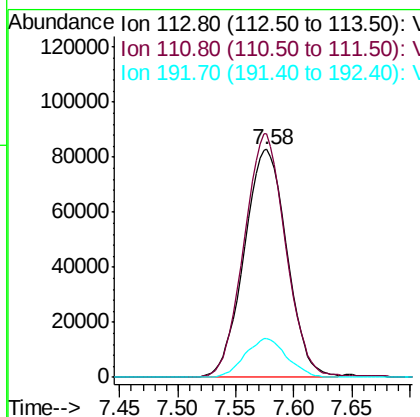
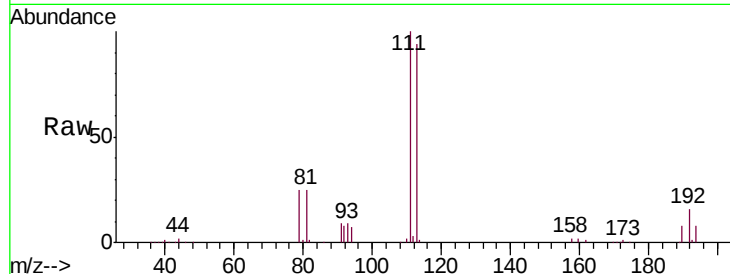




#35
 Dibromofluoromethane
 Concen: 46.080 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057529.D
 Acq: 26 Aug 2019 23:20

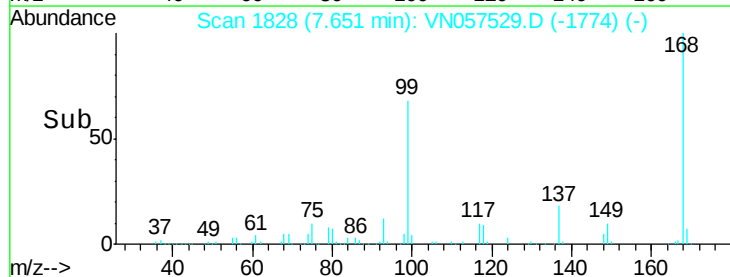
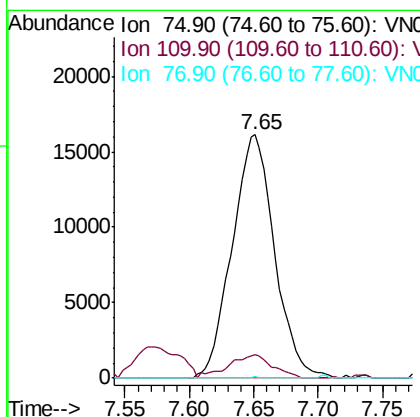
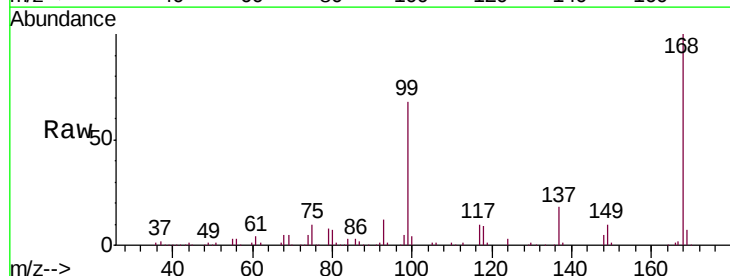
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K2-(0)

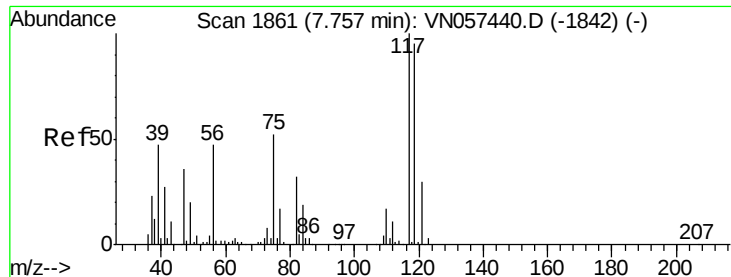
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.8	125.6
192	16.8	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 5.277 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057529.D
 Acq: 26 Aug 2019 23:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	16.1	48.3#
77	0.1	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 5.893 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K2-(0)

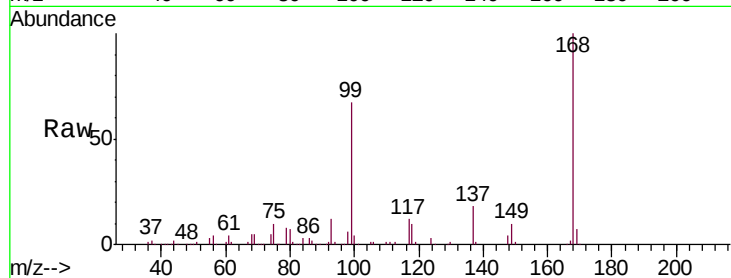
Tgt Ion:117 Resp: 40862

Ion Ratio Lower Upper

117 100

119 6.3 76.2 114.4#

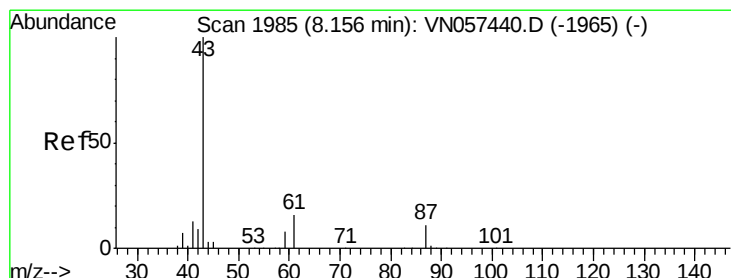
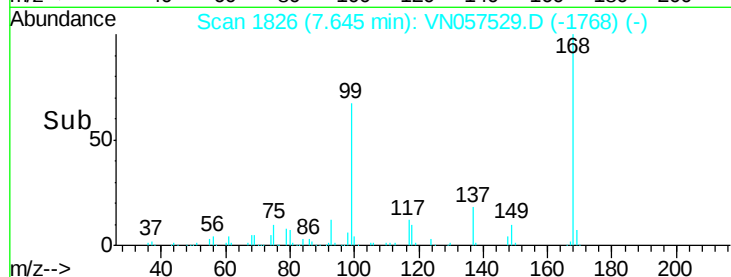
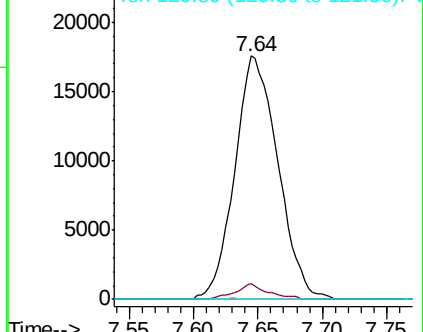
121 0.0 23.8 35.6#



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: 4.565 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

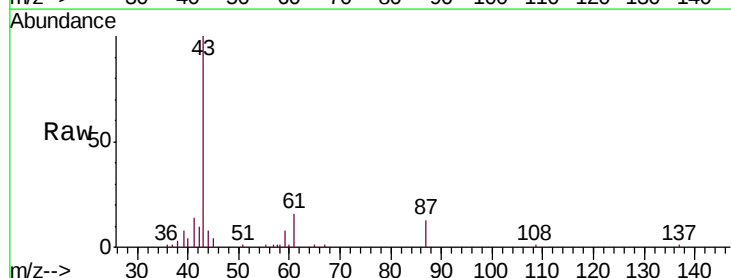
Tgt Ion: 43 Resp: 57723

Ion Ratio Lower Upper

43 100

61 16.9 14.5 21.7

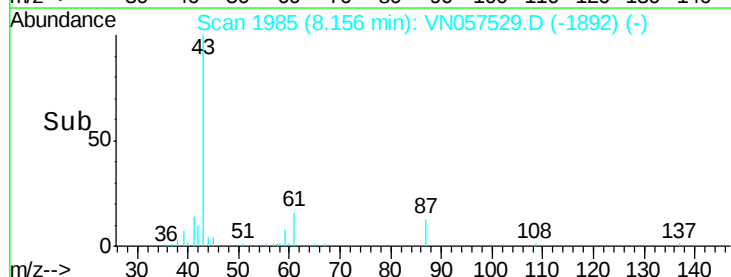
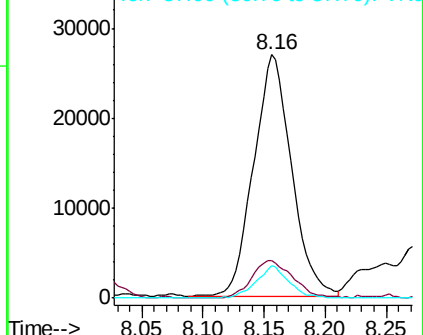
87 11.5 8.6 12.8

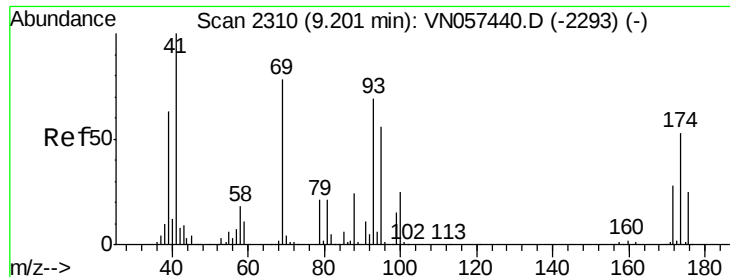


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#46

Dibromomethane

Concen: Below Cal

RT: 9.39 min Scan# 2369

Delta R.T. 0.19 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K2-(0)

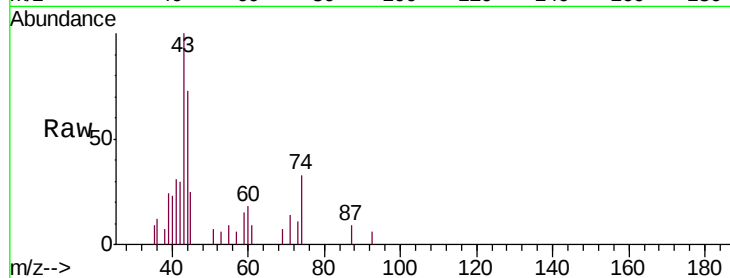
Tgt Ion: 93 Resp: 30

Ion Ratio Lower Upper

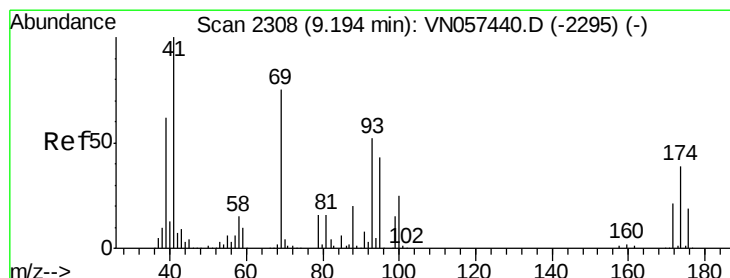
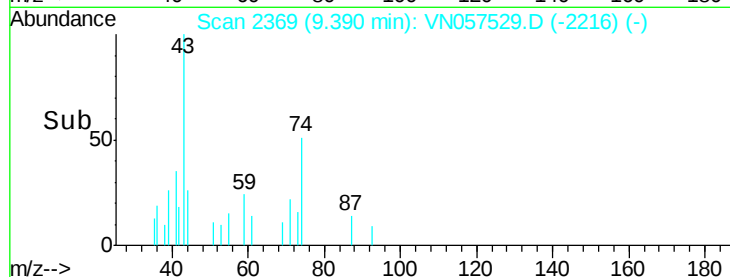
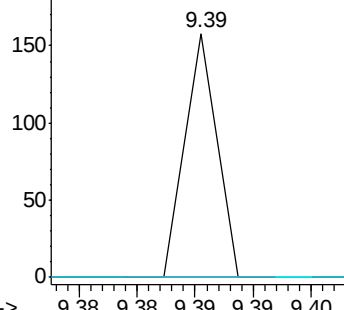
93 100

95 0.0 64.7 97.1#

174 0.0 62.3 93.5#



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



#48

Methyl methacrylate

Concen: 0.632 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

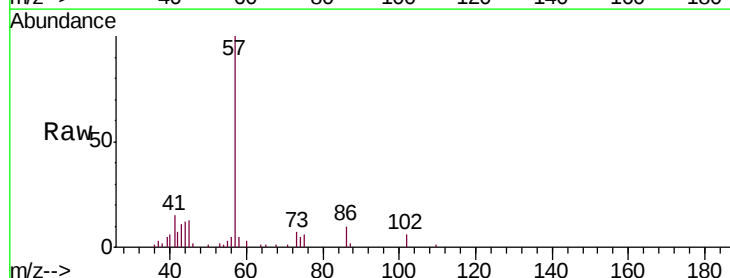
Tgt Ion: 41 Resp: 3799

Ion Ratio Lower Upper

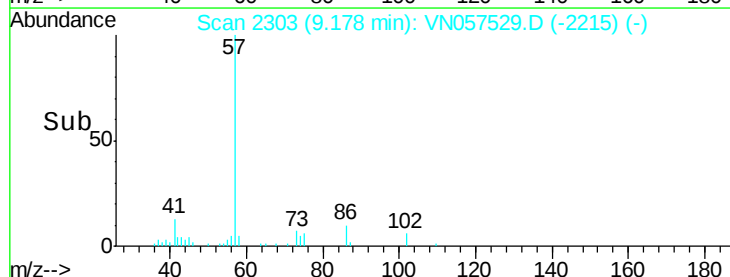
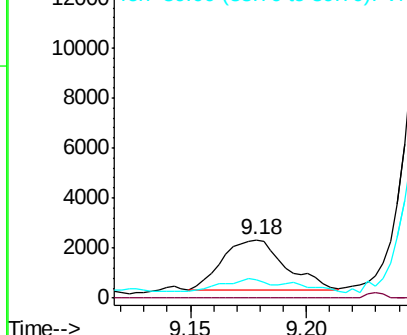
41 100

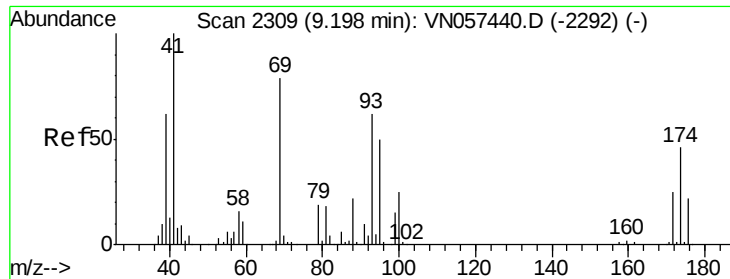
69 0.0 59.3 88.9#

39 0.0 50.6 75.8#



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





#49

1,4-Dioxane

Concen: 1.517 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K2-(0)

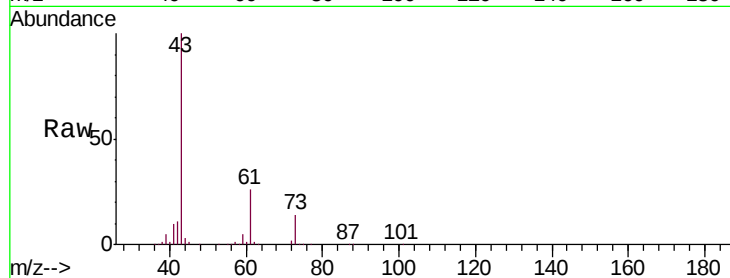
Tgt Ion: 88 Resp: 118

Ion Ratio Lower Upper

88 100

43 479539.8 31.0 46.6#

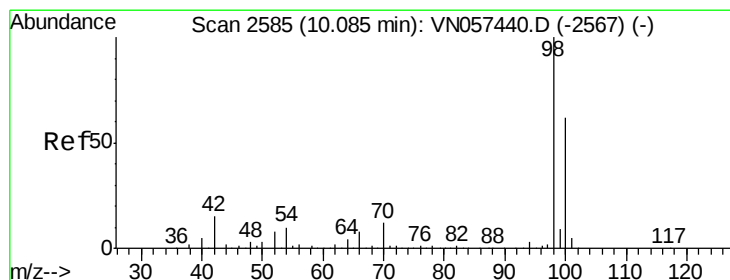
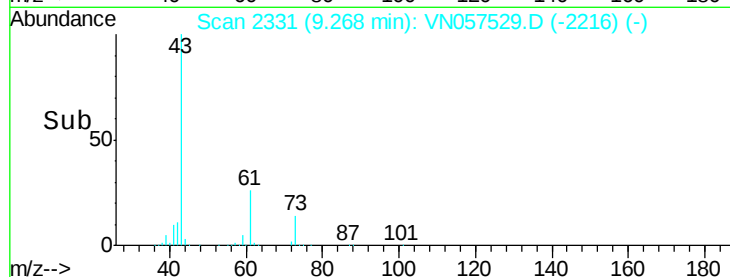
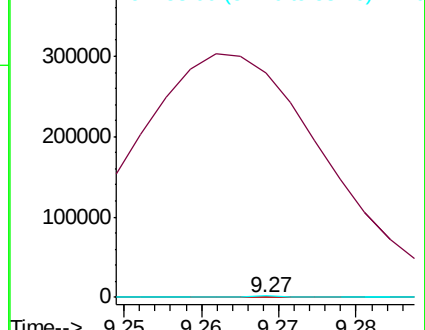
58 2422.0 64.5 96.7#



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: 50.906 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057529.D

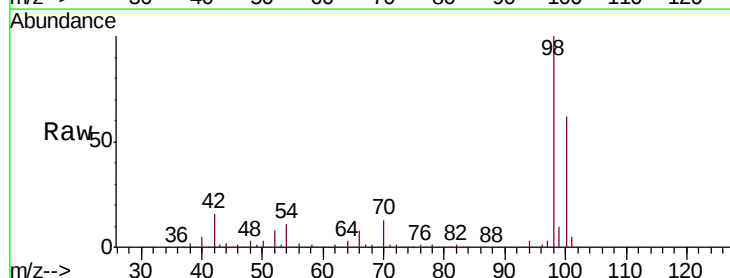
Acq: 26 Aug 2019 23:20

Tgt Ion: 98 Resp: 888090

Ion Ratio Lower Upper

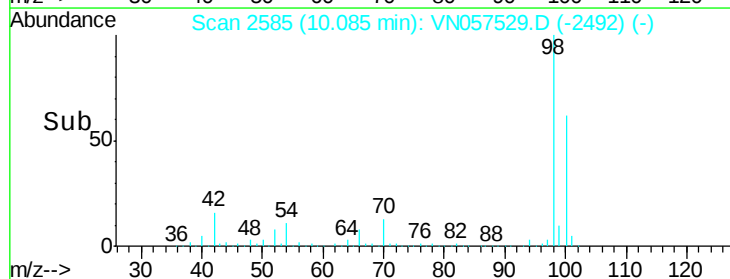
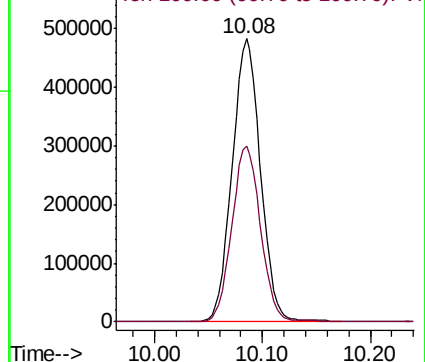
98 100

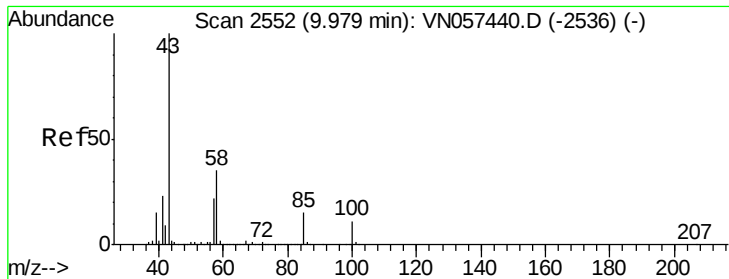
100 62.4 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

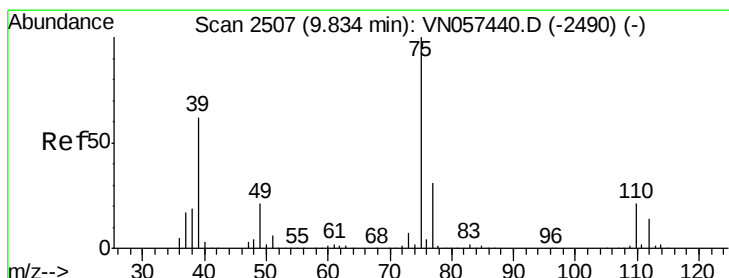
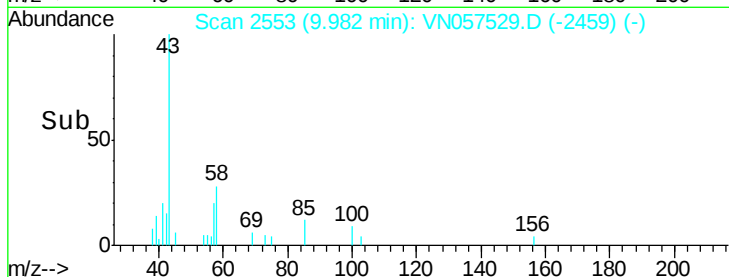
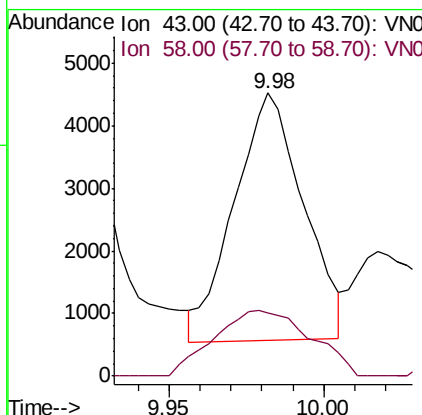
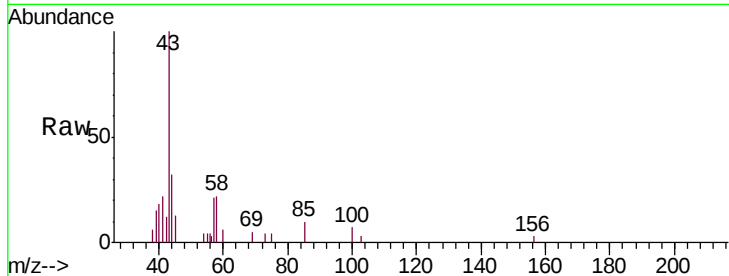




#51
 4-Methyl-2-Pentanone
 Concen: 0.875 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057529.D
 Acq: 26 Aug 2019 23:20

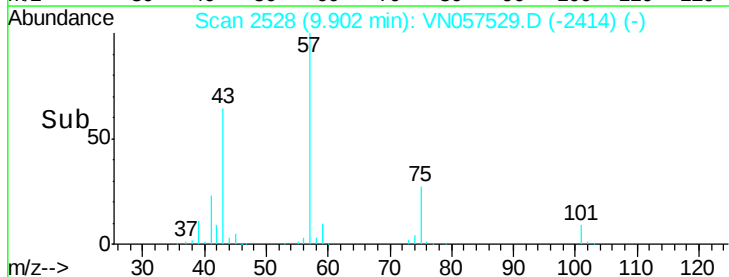
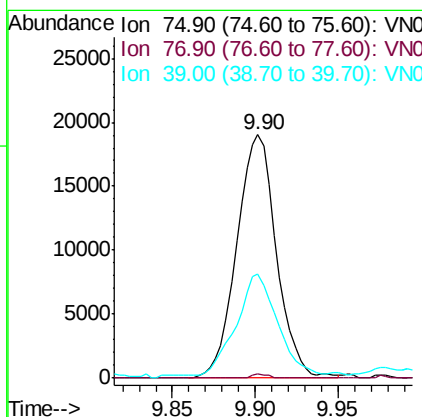
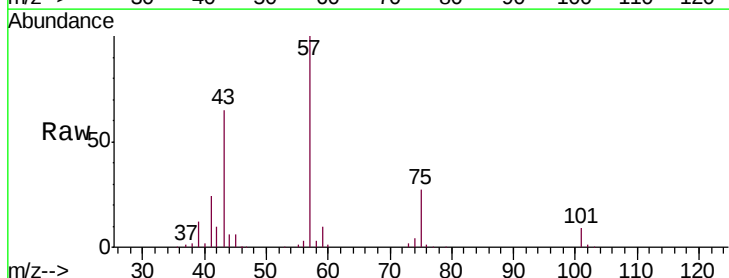
Instrument :
 MSVOA_N
 ClientSampled :
 T9-12-13-K2-(0)

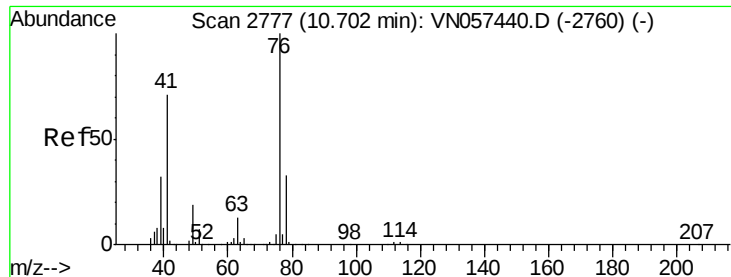
Tgt Ion: 43 Resp: 6170
 Ion Ratio Lower Upper
 43 100
 58 36.9 27.9 41.9



#54
 cis-1,3-Dichloropropene
 Concen: 3.475 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057529.D
 Acq: 26 Aug 2019 23:20

Tgt Ion: 75 Resp: 31543
 Ion Ratio Lower Upper
 75 100
 77 1.5 25.0 37.6#
 39 41.3 49.2 73.8#

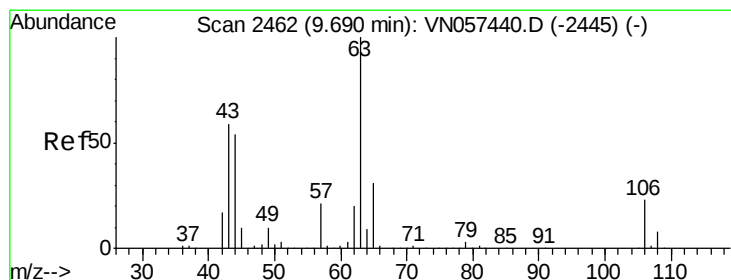
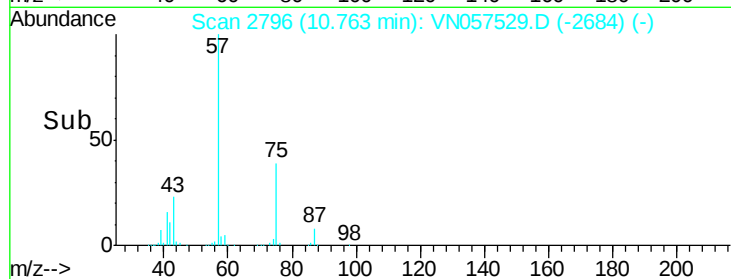
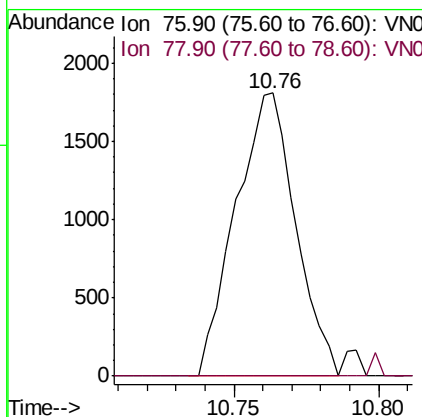
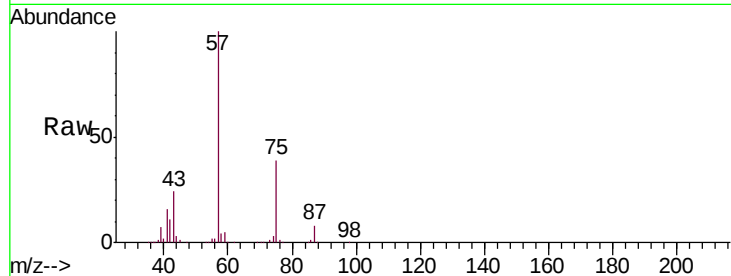




#57
 1,3-Dichloropropane
 Concen: 0.305 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN057529.D
 Acq: 26 Aug 2019 23:20

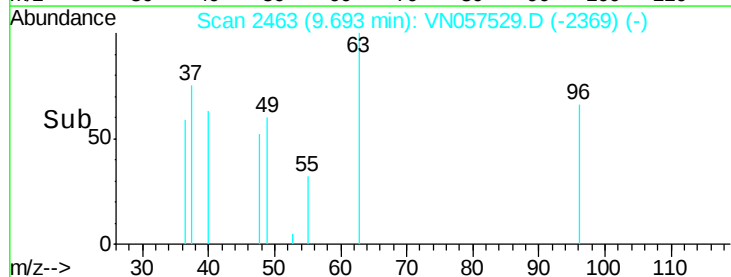
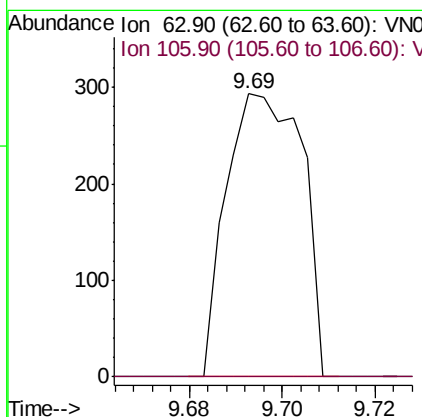
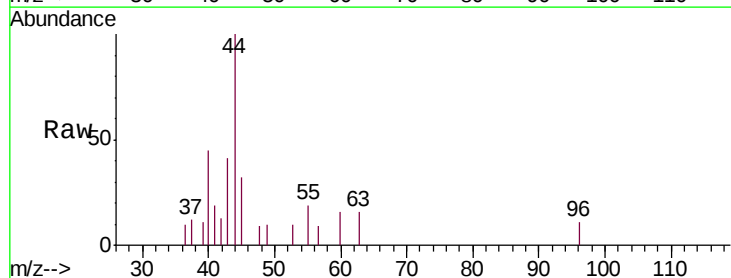
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K2-(0)

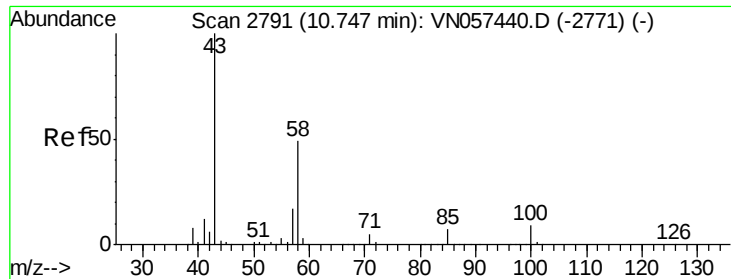
Tgt Ion: 76 Resp: 2593
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#



#58
 2-Chloroethyl Vinyl ether
 Concen: 17.210 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN057529.D
 Acq: 26 Aug 2019 23:20

Tgt Ion: 63 Resp: 334
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#

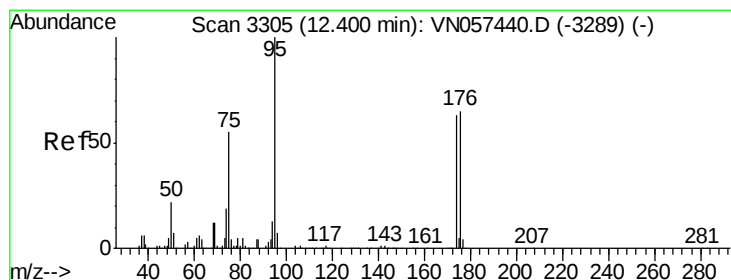
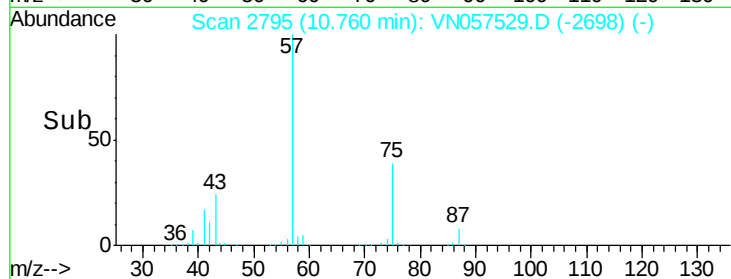
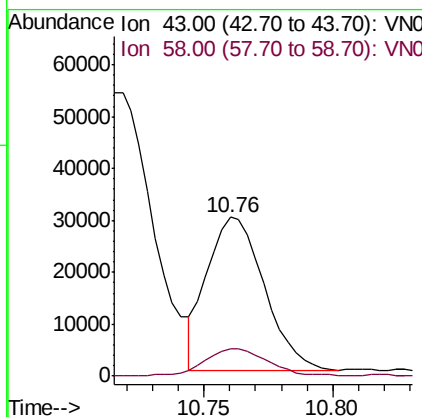
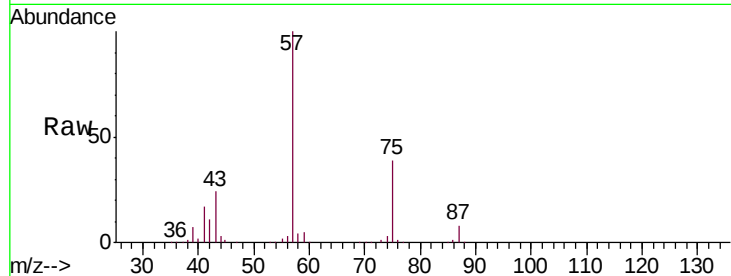




#59
2-Hexanone
Concen: 9.454 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057529.D
Acq: 26 Aug 2019 23:20

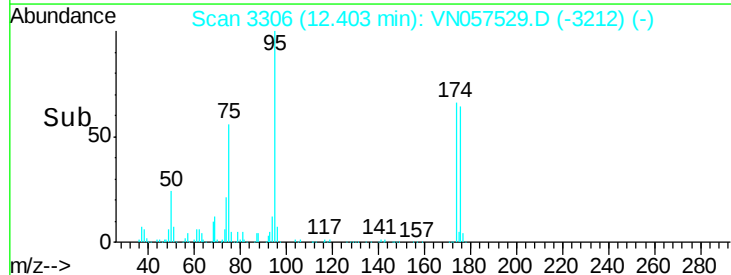
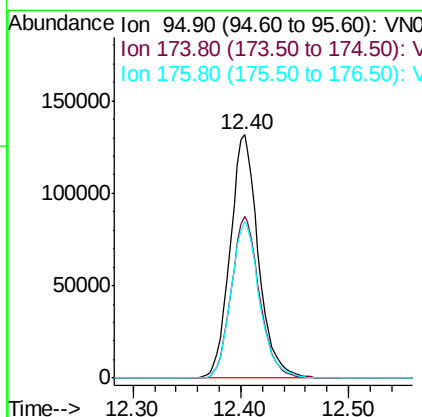
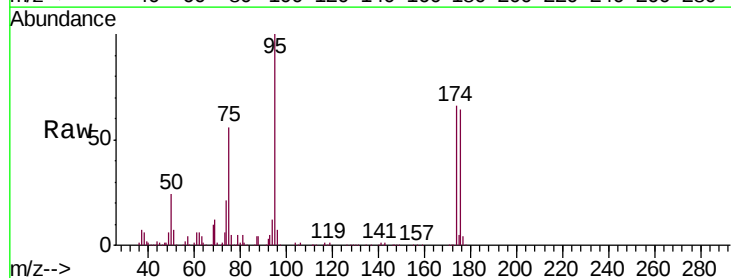
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K2-(0)

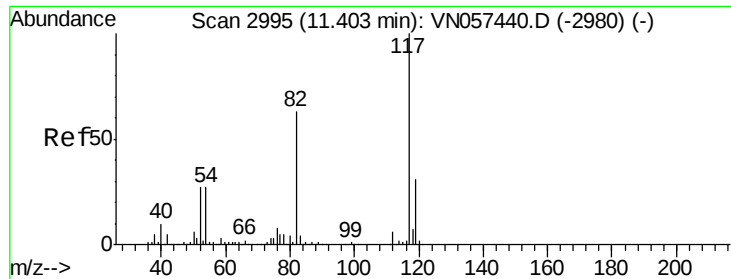
Tgt Ion: 43 Resp: 45699
Ion Ratio Lower Upper
43 100
58 19.6 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 40.497 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057529.D
Acq: 26 Aug 2019 23:20

Tgt Ion: 95 Resp: 239421
Ion Ratio Lower Upper
95 100
174 66.5 0.0 133.0
176 64.7 0.0 130.8

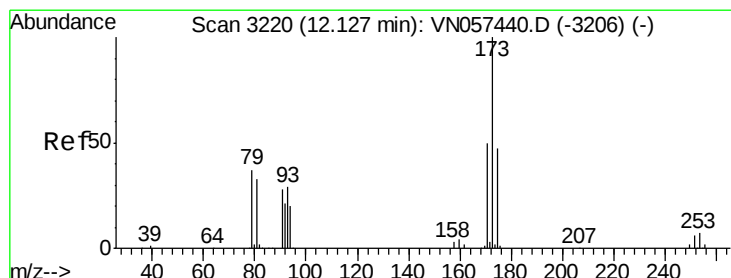
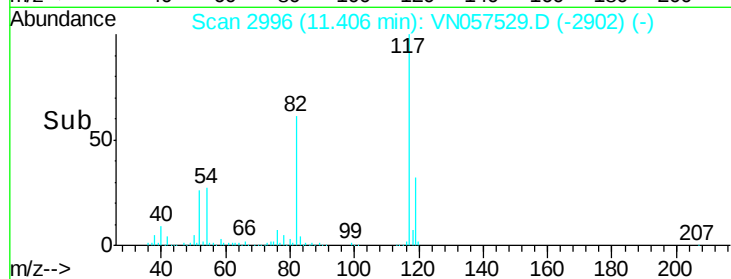
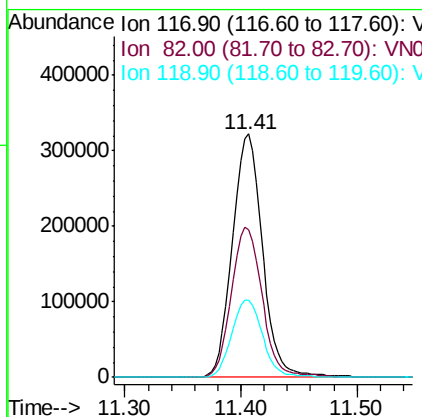
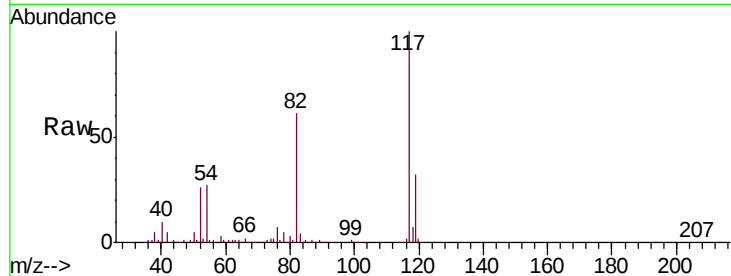




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057529.D
Acq: 26 Aug 2019 23:20

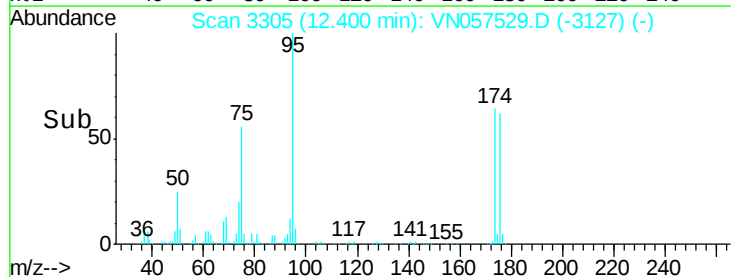
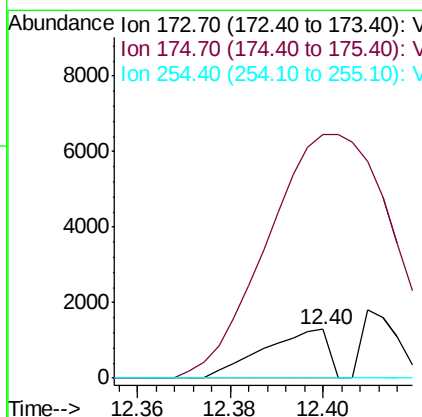
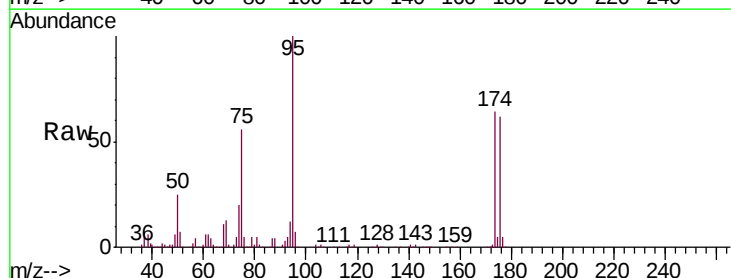
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K2-(0)

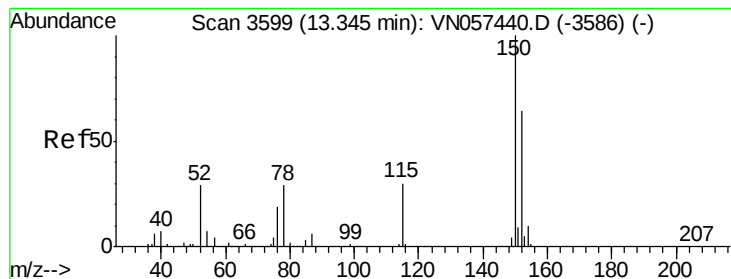
Tgt Ion:117 Resp: 578402
Ion Ratio Lower Upper
117 100
82 60.8 50.6 75.8
119 31.7 24.6 36.8



#71
Bromoform
Concen: 0.410 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN057529.D
Acq: 26 Aug 2019 23:20

Tgt Ion:173 Resp: 1242
Ion Ratio Lower Upper
173 100
175 846.0 23.9 71.8#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K2-(0)

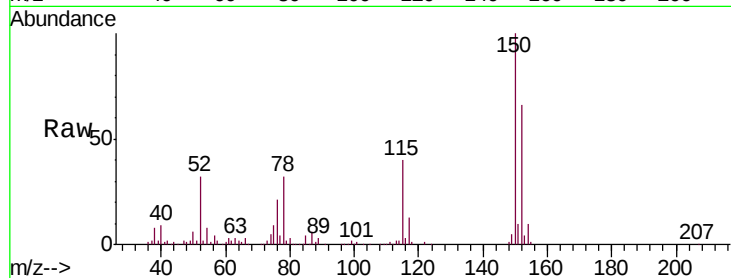
Tgt Ion:152 Resp: 143178

Ion Ratio Lower Upper

152 100

115 61.5 32.0 96.0

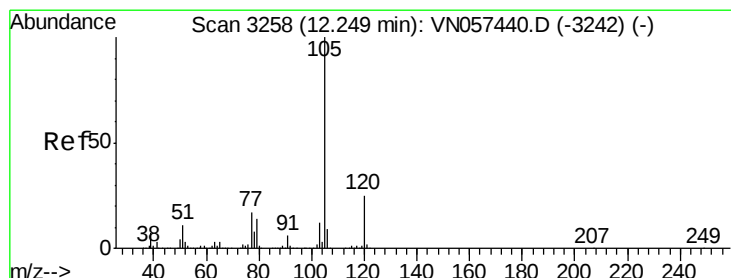
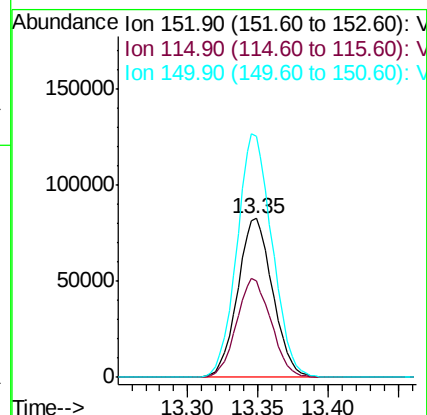
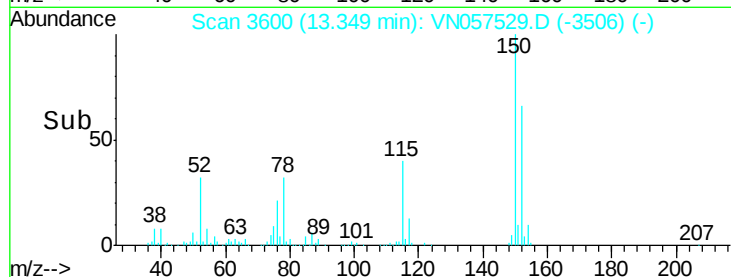
150 154.5 0.0 346.6



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: 12.38 min Scan# 3300

Delta R.T. 0.14 min

Lab File: VN057529.D

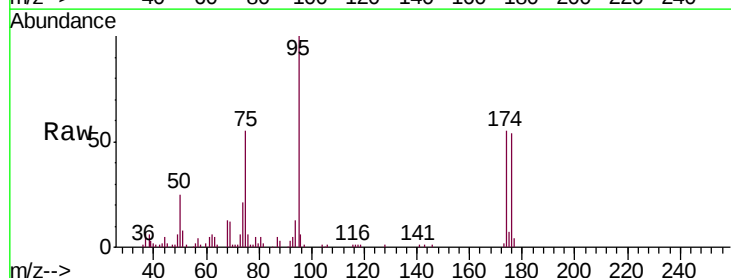
Acq: 26 Aug 2019 23:20

Tgt Ion:105 Resp: 31

Ion Ratio Lower Upper

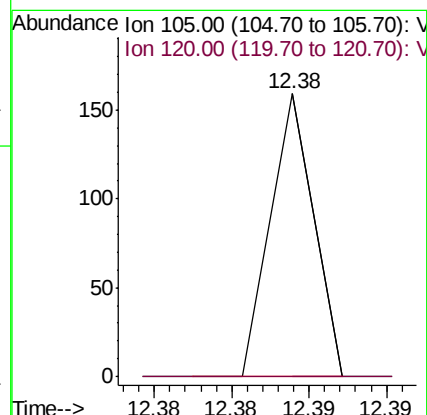
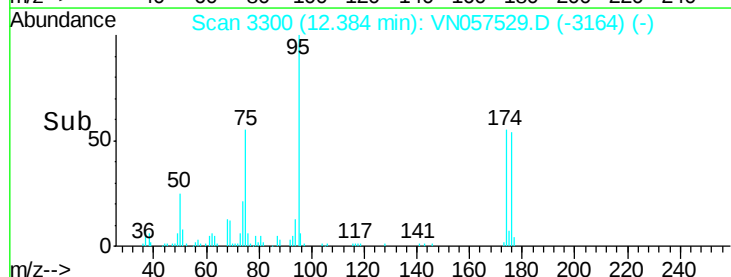
105 100

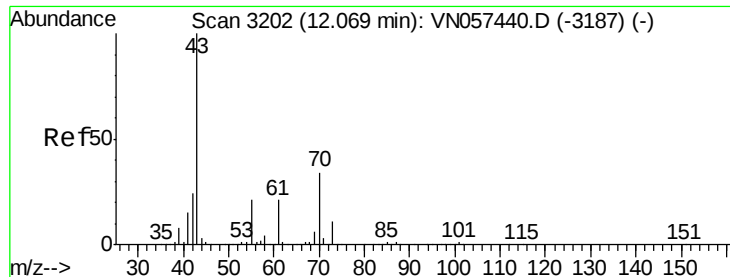
120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: Below Cal

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K2-(0)

Tgt Ion: 43 Resp: 3260

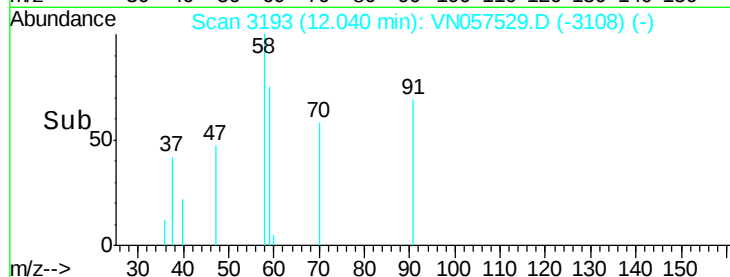
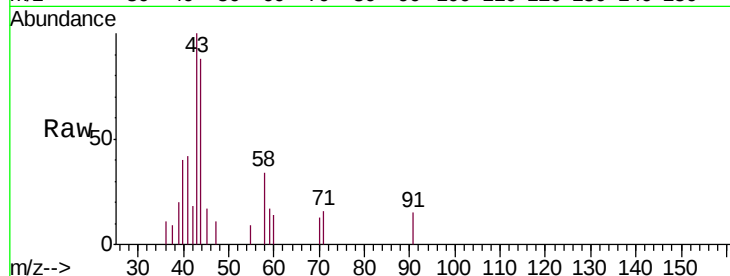
Ion Ratio Lower Upper

43 100

70 3.9 27.8 41.6#

55 1.9 17.0 25.4#

61 0.0 17.0 25.6#

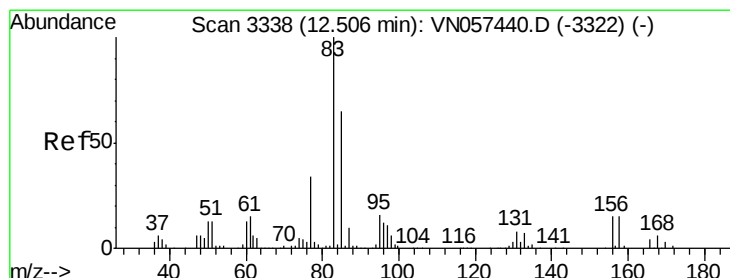
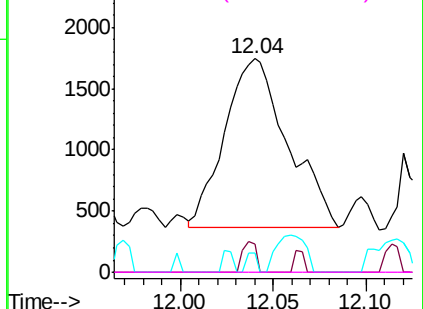


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 12.40 min Scan# 3304

Delta R.T. -0.11 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

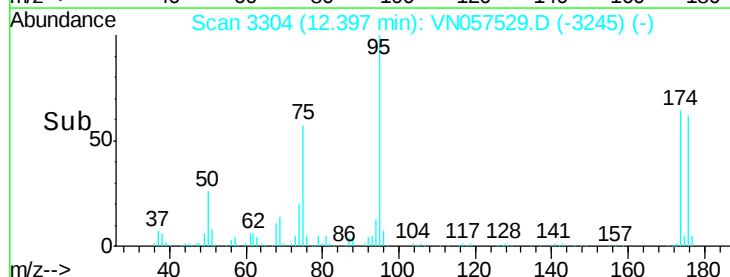
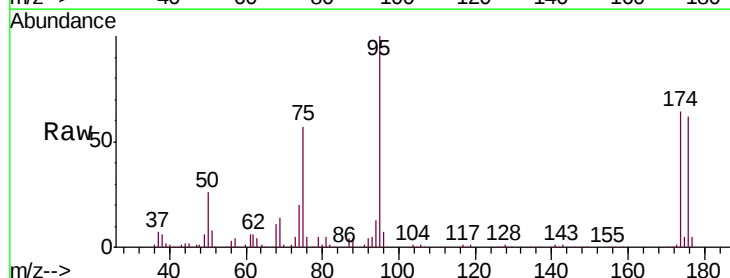
Tgt Ion: 83 Resp: 200

Ion Ratio Lower Upper

83 100

131 65.0 4.3 13.1#

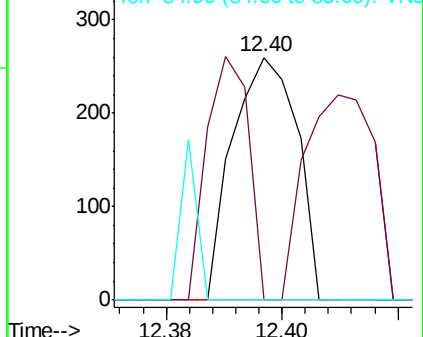
85 16.5 32.3 96.8#

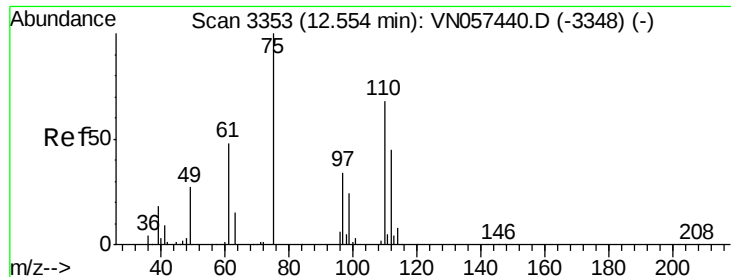


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 42.217 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

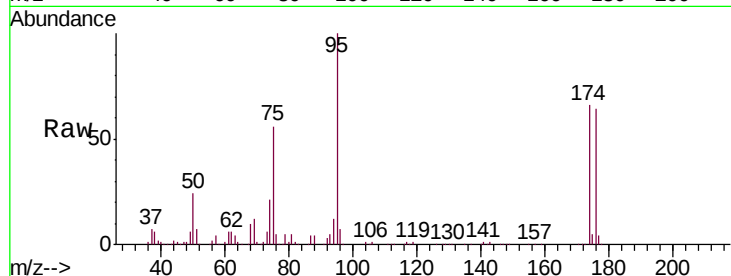
T9-12-13-K2-(0)

Tgt Ion: 75 Resp: 135636

Ion Ratio Lower Upper

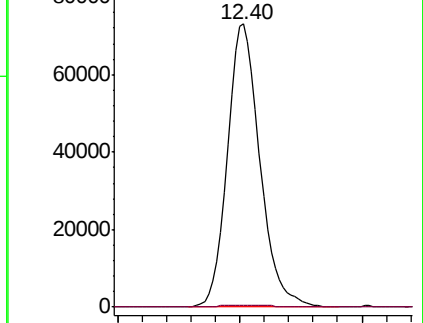
75 100

77 0.7 0.0 0.0#

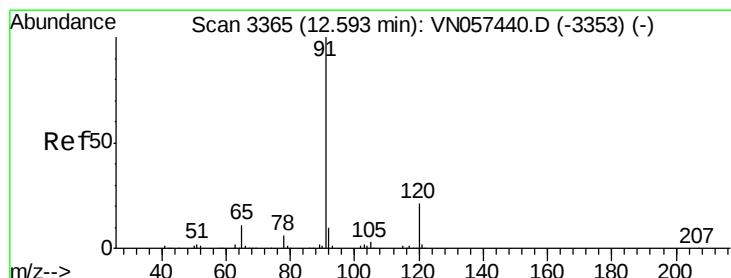
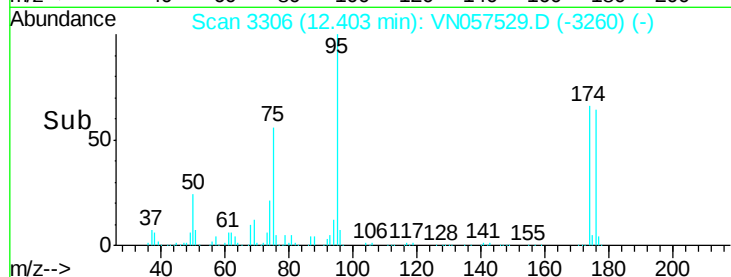


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time--> 12.30 12.40 12.50



#78

n-propylbenzene

Concen: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN057529.D

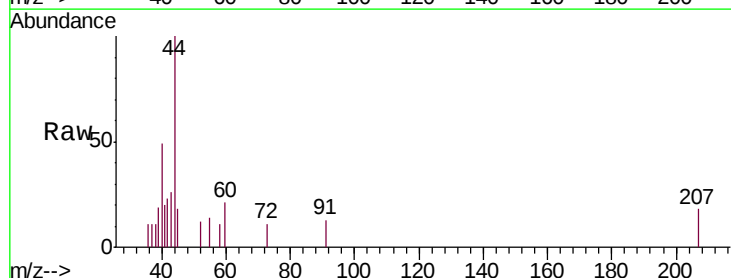
Acq: 26 Aug 2019 23:20

Tgt Ion: 91 Resp: 132

Ion Ratio Lower Upper

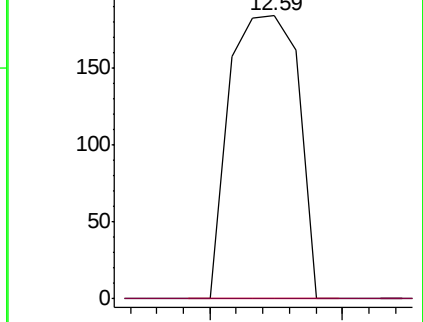
91 100

120 0.0 10.7 32.1#

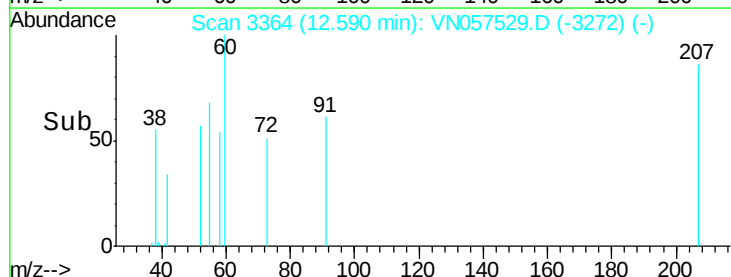


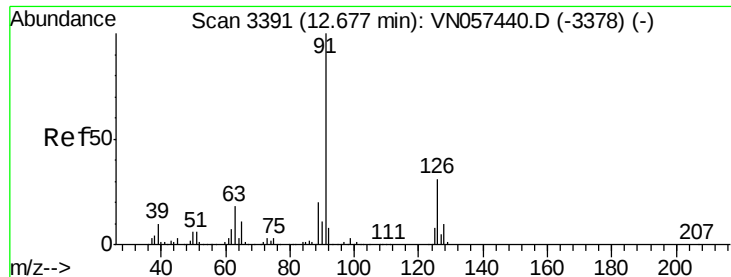
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time--> 12.58 12.60





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.71 min Scan# 3402

Delta R.T. 0.04 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

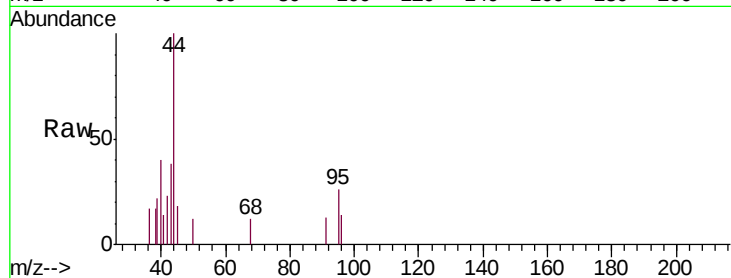
T9-12-13-K2-(0)

Tgt Ion: 91 Resp: 91

Ion Ratio Lower Upper

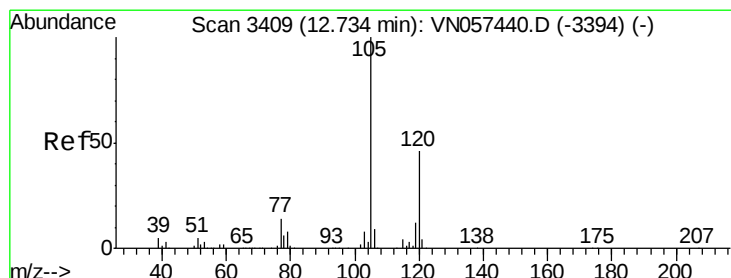
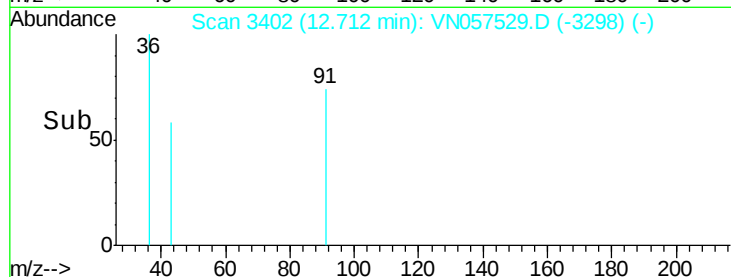
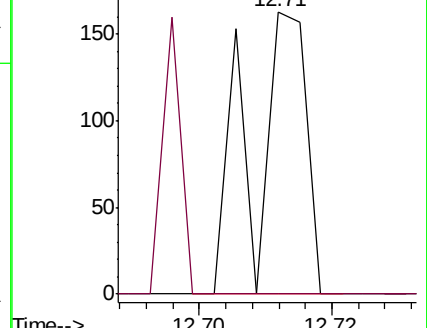
91 100

126 34.1 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VN057529.D (-3298) (-)

Ion 125.90 (125.60 to 126.60): VN057529.D (-3298) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN057529.D

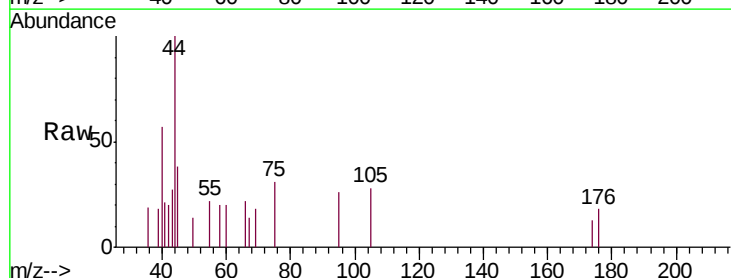
Acq: 26 Aug 2019 23:20

Tgt Ion: 105 Resp: 305

Ion Ratio Lower Upper

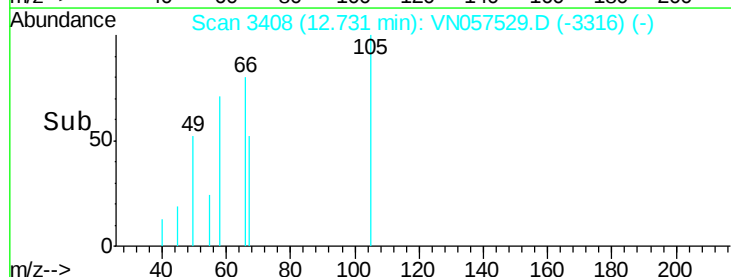
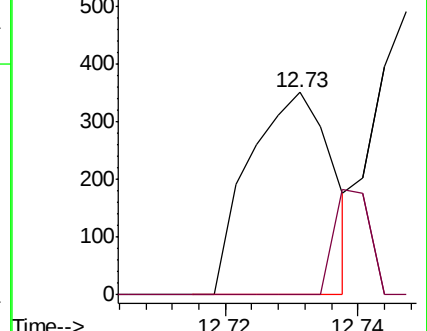
105 100

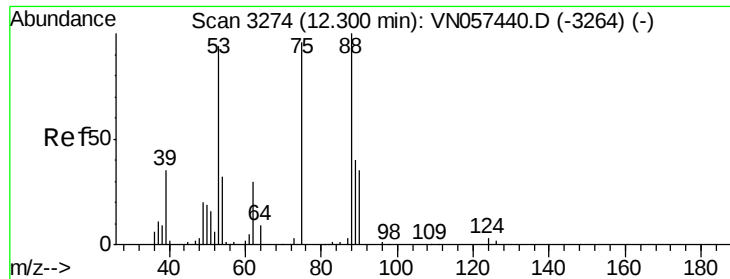
120 22.6 23.3 69.8#



Abundance Ion 105.00 (104.70 to 105.70): VN057529.D (-3316) (-)

Ion 120.00 (119.70 to 120.70): VN057529.D (-3316) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 108.622 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K2-(0)

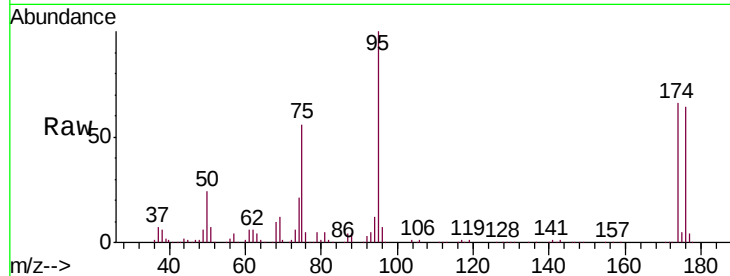
Tgt Ion: 75 Resp: 135636

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

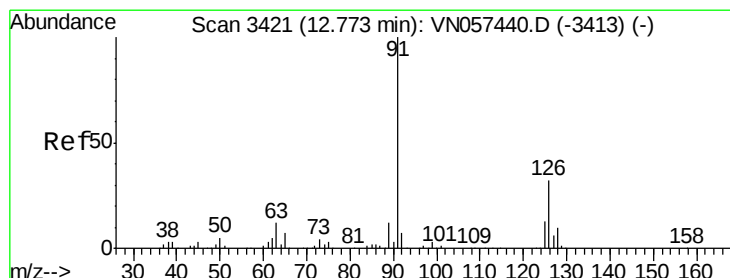
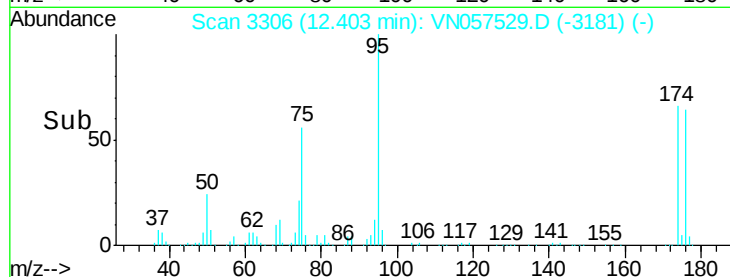
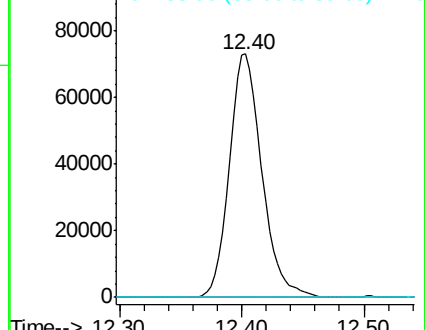
89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN057529.D (-3306) (-)

Ion 53.00 (52.70 to 53.70): VN057529.D (-3306) (-)

Ion 88.90 (88.60 to 89.60): VN057529.D (-3306) (-)



#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.71 min Scan# 3402

Delta R.T. -0.06 min

Lab File: VN057529.D

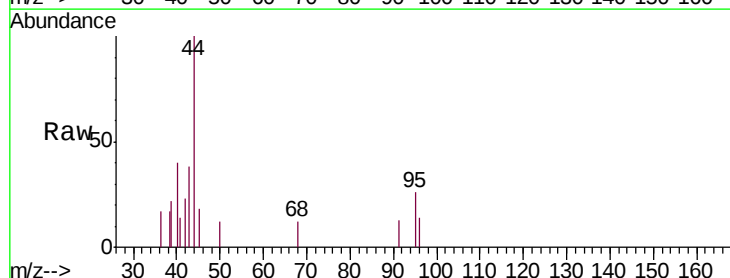
Acq: 26 Aug 2019 23:20

Tgt Ion: 91 Resp: 91

Ion Ratio Lower Upper

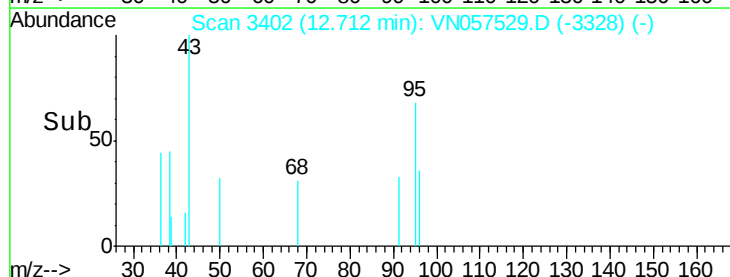
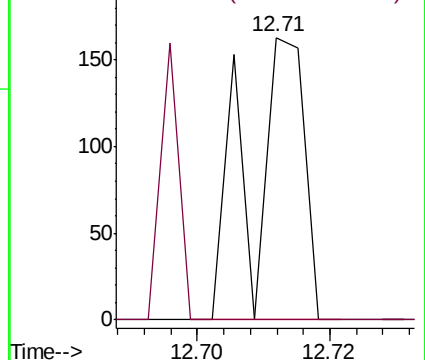
91 100

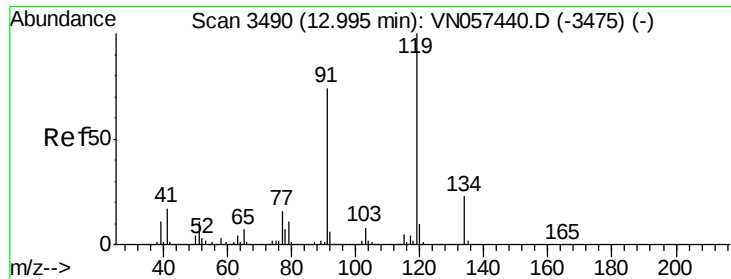
126 34.1 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN057529.D (-3402) (-)

Ion 125.90 (125.60 to 126.60): VN057529.D (-3402) (-)

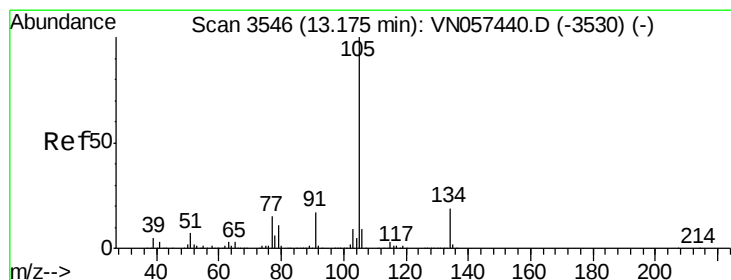
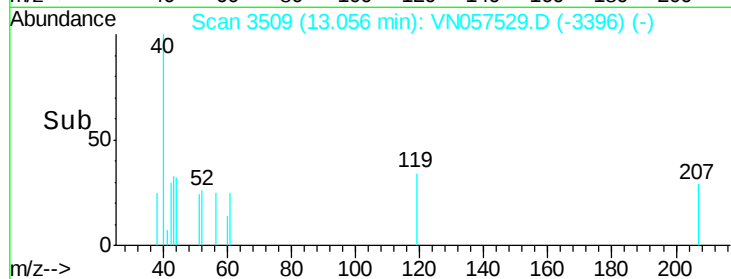
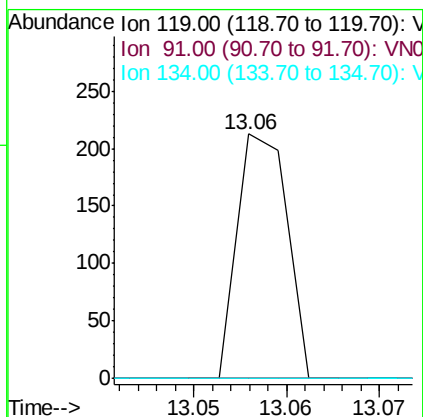
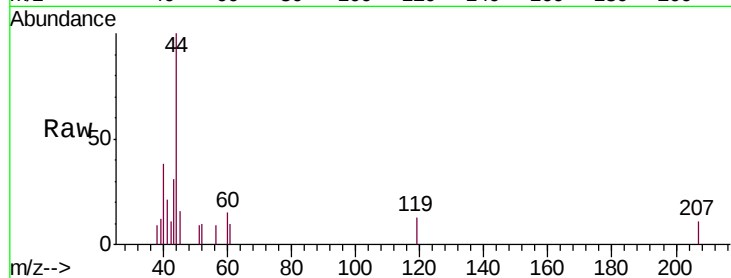




#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.06 min Scan# 3509
Delta R.T. 0.06 min
Lab File: VN057529.D
Acq: 26 Aug 2019 23:20

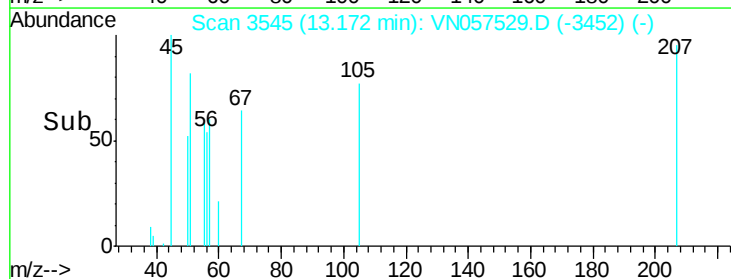
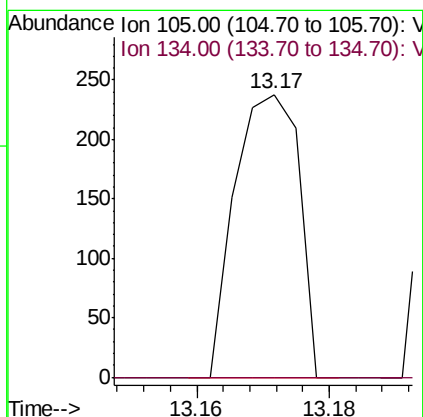
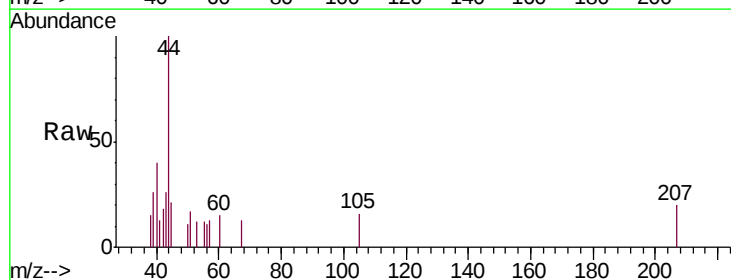
Instrument :
MSVOA_N
ClientSampled :
T9-12-13-K2-(0)

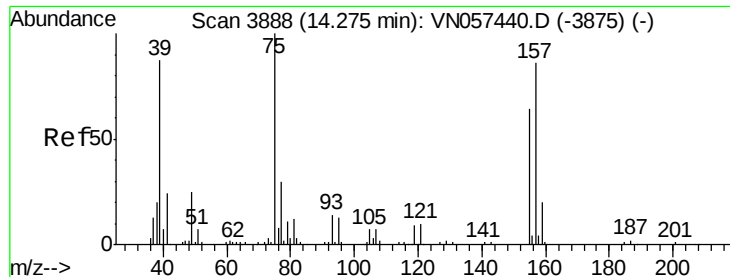
Tgt Ion:119 Resp: 80
Ion Ratio Lower Upper
119 100
91 0.0 37.0 111.0#
134 0.0 12.2 36.6#



#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN057529.D
Acq: 26 Aug 2019 23:20

Tgt Ion:105 Resp: 159
Ion Ratio Lower Upper
105 100
134 0.0 9.3 27.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.32 min Scan# 3902

Delta R.T. 0.05 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K2-(0)

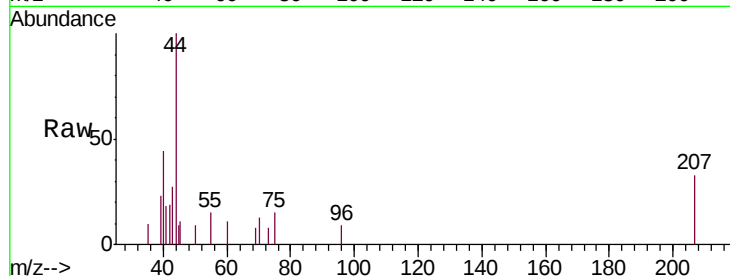
Tgt Ion: 75 Resp: 145

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

157 0.0 43.3 129.8#

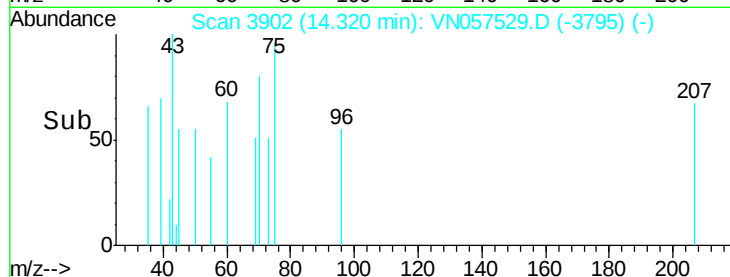


Abundance Ion 74.90 (74.60 to 75.60): VN057529.D (-3902) (-)

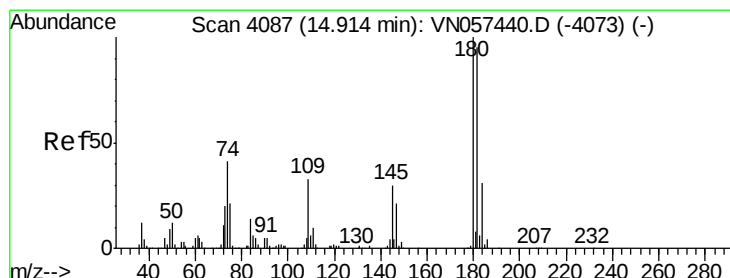
Ion 154.80 (154.50 to 155.50): VN057529.D (-3902) (-)

Ion 156.80 (156.50 to 157.50): VN057529.D (-3902) (-)

Time-->



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 5.387 ug/l

RT: 14.90 min Scan# 4083

Delta R.T. -0.01 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

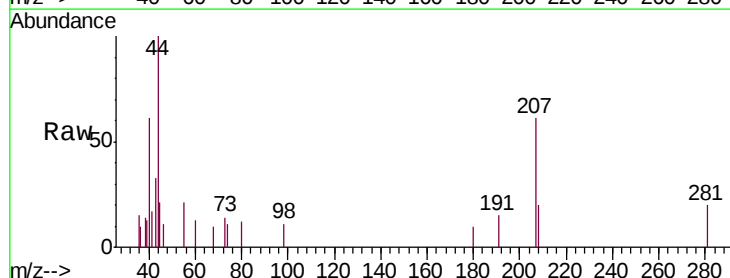
Tgt Ion: 180 Resp: 30

Ion Ratio Lower Upper

180 100

182 0.0 46.7 140.1#

145 0.0 15.6 46.8#

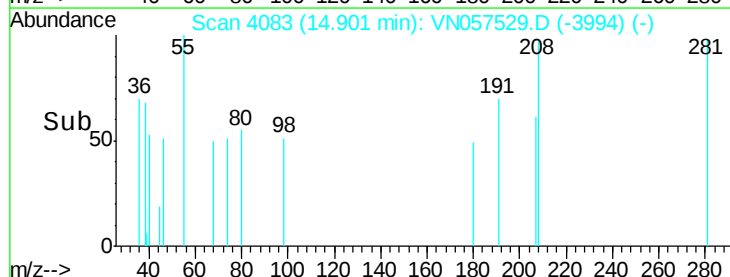


Abundance Ion 179.80 (179.50 to 180.50): VN057529.D (-4083) (-)

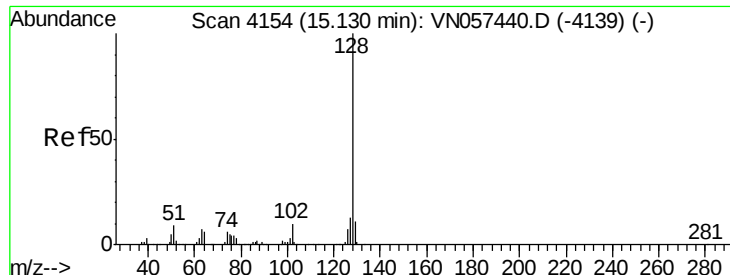
Ion 181.80 (181.50 to 182.50): VN057529.D (-4083) (-)

Ion 144.80 (144.50 to 145.50): VN057529.D (-4083) (-)

Time-->



Time-->



#95

Naphthalene

Concen: 4.384 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057529.D

Acq: 26 Aug 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K2-(0)

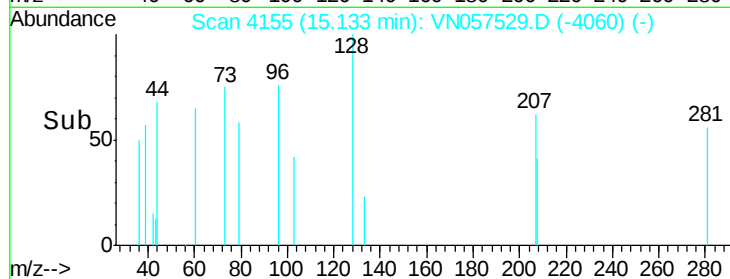
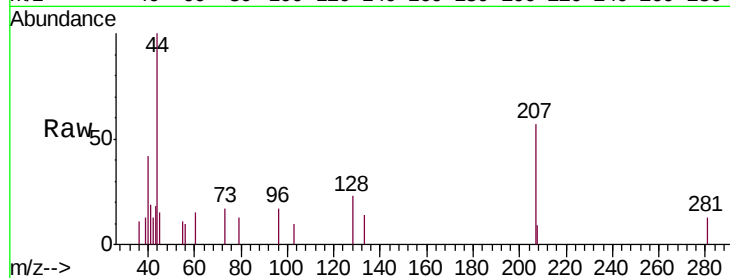
Tgt Ion:128 Resp: 277

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

